

eliminating the Department's vulnerability in the area of strategic materials, and on oversight of contracting in Iraq and Afghanistan.

#### HEARINGS

Committee consideration of the National Defense Authorization Act for Fiscal Year 2011 results from hearings that began on January 13, 2010, and that were completed on May 5, 2010. The full committee conducted 16 sessions. In addition, a total of 38 sessions were conducted by 7 different subcommittees and 1 special oversight panel.

### **DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS**

#### **TITLE I—PROCUREMENT**

##### OVERVIEW

The budget request for fiscal year 2011 contained \$111.4 billion for procurement. This represents a \$6.3 billion increase over the amount authorized for fiscal year 2010.

The committee recommends authorization of \$111.2 billion, a decrease of \$131.5 million from the fiscal year 2011 request.

The committee recommendations for the fiscal year 2011 procurement program are identified in the table below.

## Title I - Procurement

(Dollars in Thousands)

Appropriation	FY 2011 Request		House Change		House Authorized	
	Qty	Cost	Qty	Cost	Qty	Cost
Aircraft Procurement, Army	516	5,976,867		9,494	516	5,986,361
Missile Procurement, Army	5,727	1,887,437		-255,974	5,727	1,631,463
Weapons & Tracked Combat Vehicles, Army	32,607	1,723,561	-5,000	-107,316	27,607	1,616,245
Procurement of Ammunition, Army	0	1,979,414		-32,466	0	1,946,948
Other Procurement, Army	6,571	9,765,808		-367,080	6,571	9,398,728
Joint Improvised Explosive Device Defeat Fund	0	215,868		-215,868	0	0
<b>TOTAL, DEPARTMENT OF THE ARMY</b>	<b>45,421</b>	<b>21,548,955</b>	<b>-5,000</b>	<b>-969,210</b>	<b>40,421</b>	<b>20,579,745</b>
Aircraft Procurement, Navy	224	18,508,613	13	624,000	237	19,132,613
Weapons Procurement, Navy	1,566	3,359,794		-8,900	1,566	3,350,894
Shipbuilding & Conversion, Navy	13	15,724,520			13	15,724,520
Procurement of Ammunition, Navy & Marine Corps	0	817,991			0	817,991
Other Procurement, Navy	0	6,450,208			0	6,450,208
Procurement, Marine Corps	595	1,344,044		35,000	595	1,379,044
<b>TOTAL, DEPARTMENT OF THE NAVY</b>	<b>2,398</b>	<b>46,205,170</b>	<b>13</b>	<b>650,100</b>	<b>2,411</b>	<b>46,855,270</b>
Aircraft Procurement, Air Force	133	15,366,508		-10,600	133	15,355,908
Procurement of Ammunition, Air Force	3,500	667,420		5,000	3,500	672,420
Missile Procurement, Air Force	4,045	5,463,272		7,500	4,045	5,470,772
Other Procurement, Air Force	0	17,845,380		66,350	0	17,911,730
<b>TOTAL, DEPARTMENT OF THE AIR FORCE</b>	<b>7,678</b>	<b>39,342,580</b>		<b>68,250</b>	<b>7,678</b>	<b>39,410,830</b>
Procurement, Defense-Wide	93	4,280,368		119,400	93	4,399,768
Mine Resistant Ambush Protection Vehicle Fund	0	0			0	0

**Title I - Procurement**  
(Dollars in Thousands)

Appropriation	FY 2011 Request		House Change		House Authorized	
	Qty	Cost	Qty	Cost	Qty	Cost
National Guard & Reserve Equipment	0	0	0	0	0	0
<b>TOTAL, DEFENSE-WIDE</b>	93	4,280,368		119,400	93	4,399,768
<b>TOTAL, FY 2011 PROCUREMENT PROGRAM</b>	55,590	111,377,073	-4,987	-131,460	50,603	111,245,613

## AIRCRAFT PROCUREMENT, ARMY

## Overview

The budget request for fiscal year 2011 contained \$6.0 billion for Aircraft Procurement, Army. The committee recommends authorization of \$6.0 billion, an increase of \$9.5 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Aircraft Procurement, Army program are identified in the table below. Major changes to the Army request are discussed following the table.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>AIRCRAFT PROCUREMENT, ARMY</b>							
<b>FIXED WING</b>							
001	JOINT CARGO AIRCRAFT (JCA)	0	0	0	0	0	0
002	C-12 CARGO AIRPLANE	0	0	0	0	0	0
003	E-MARSS	0	88,483	0	88,483	0	88,483
004	MQ-1 UAV	26	459,310	26	459,310	26	459,310
005	RQ-11 (RAVEN)	312	20,152	312	20,152	312	20,152
006	BCT UNMANNED AERIAL VEH (UAVS) INCR 1 Program Reduction	0	44,206		-9,506	0	34,700
					[-9,506]		
<b>ROTARY</b>							
008	HELICOPTER, LIGHT UTILITY (LUH)	50	305,272			50	305,272
009	AH-64 APACHE BLOCK III	16	332,681			16	332,681
010	ADVANCE PROCUREMENT (CY)	0	161,150			0	161,150
011	UH-60 BLACKHAWK (MYP)	72	1,250,566			72	1,250,566
012	ADVANCE PROCUREMENT (CY)	0	100,532			0	100,532
013	CH-47 HELICOPTER	40	1,101,293			40	1,101,293
014	ADVANCE PROCUREMENT (CY)	0	57,756			0	57,756
015	HELICOPTER NEW TRAINING MODIFICATION OF AIRCRAFT	0	9,383			0	9,383
016	C-12 AIRCRAFT MODS	0	0			0	0
017	MQ-1 PAYLOAD - UAS	0	100,413			0	100,413
018	MQ-1 WEAPONIZATION - UAS	0	14,729			0	14,729
019	GUARDRAIL MODS (MIP)	0	29,899			0	29,899
020	MULTI SENSOR ABN RECON (MIP)	0	16,981			0	16,981
021	AH-64 MODS Vibration Management Enhancement Program (VMEP)	0	393,769		2,000	0	395,769
					[2,000]		

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
022	ADVANCE PROCUREMENT (CY)	0	0			0	0
023	CH-47 CARGO HELICOPTER MODS (MYP)	0	66,207			0	66,207
024	ADVANCE PROCUREMENT (CY)	0	0			0	0
025	UTILITY/CARGO AIRPLANE MODS	0	13,716			0	13,716
026	AIRCRAFT LONG RANGE MODS	0	814			0	814
027	UTILITY HELICOPTER MODS	0	63,085		17,000	0	80,085
	UH-60 Black Hawk Utility Helicopter Mods A to L-ARNG				(17,000)		
028	KIOWA WARRIOR	0	94,400			0	94,400
029	AIRBORNE AVIONICS	0	219,425			0	219,425
030	GATM ROLLUP	0	100,862			0	100,862
031	RQ-7 UAV MODS	0	505,015			0	505,015
	<b>SPARES AND REPAIR PARTS</b>						
034	SPARE PARTS (AIR)	0	7,328			0	7,328
	<b>GROUND SUPPORT AVIONICS</b>						
035	AIRCRAFT SURVIVABILITY EQUIPMENT	0	24,478			0	24,478
036	ASE INFRARED CM	0	174,222			0	174,222
	<b>OTHER SUPPORT</b>						
037	AVIONICS SUPPORT EQUIPMENT	0	4,885			0	4,885
038	COMMON GROUND EQUIPMENT	0	76,129			0	76,129
039	AIRCREW INTEGRATED SYSTEMS	0	52,423			0	52,423
040	AIR TRAFFIC CONTROL	0	82,844			0	82,844
041	INDUSTRIAL FACILITIES	0	1,567			0	1,567
042	LAUNCHER, 2.75 ROCKET	0	2,892			0	2,892
043	AIRBORNE COMMUNICATIONS	0	0			0	0
	<b>TOTAL, AIRCRAFT PROCUREMENT, ARMY</b>	<b>516</b>	<b>5,976,867</b>		<b>9,494</b>	<b>516</b>	<b>5,986,361</b>

## Items of Special Interest

*Early Infantry Brigade Combat Team unmanned aerial vehicles*

The budget request contained \$44.2 million for Early Infantry Brigade Combat Team (EIBCT) unmanned aerial vehicles (UAV).

The committee notes that, despite six years of system development work, 2009 limited user test results for Class I UAV found significant performance, reliability, and operational concept problems with the Class I UAV. Specifically, test reports indicate the Class I UAV is too loud and has too short a range to be tactically useful in many operations. Also, the Class I is intended to be transported and operated at the platoon level, but during the test proved unreliable and difficult to support and use by platoons, resulting in consolidation of the UAVs at the battalion level. The committee also notes that sufficient funds have already been provided by Congress for the Army to procure the first two brigade sets of Class I UAVs, and additional test assets. Based on test results to date and the availability of other funds, the committee believes that investment in additional brigade sets of Class I UAVs is premature.

The committee recommends \$34.7, a decrease of \$9.5 million, for EIBCT Class I UAVs.

## MISSILE PROCUREMENT, ARMY

## Overview

The budget request for fiscal year 2011 contained \$1.9 billion for Missile Procurement, Army. The committee recommends authorization of \$1.6 billion, a decrease of \$256.0 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Missile Procurement, Army program are identified in the table below. Major changes to the Army request are discussed following the table.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>MISSILE PROCUREMENT, ARMY</b>							
<b>SURFACE-TO-AIR MISSILE SYSTEM</b>							
001	PATRIOT SYSTEM SUMMARY	78	480,247			78	480,247
002	SURFACE-LAUNCHED AMRAAM SYSTEM SUMMARY: Program Reduction	0	116,732		-14,000 [-14,000]	0	102,732
003	ADVANCE PROCUREMENT (CY)	0	0			0	0
<b>AIR-TO-SURFACE MISSILE SYSTEM</b>							
004	HELLFIRE SYS SUMMARY	240	31,881			240	31,881
<b>ANTI-TANK/ASSAULT MISSILE SYS</b>							
005	JAVELIN (AAWS-M) SYSTEM SUMMARY	715	163,929			715	163,929
006	TOW 2 SYSTEM SUMMARY	0	30,326			0	30,326
007	ADVANCE PROCUREMENT (CY)	0	48,355			0	48,355
008	BCT NON LINE OF SIGHT LAUNCH SYSTEM - INCREME Program Reduction	0	350,574		-350,574 [-350,574]	0	0
009	GUIDED MLRS ROCKET (GMLRS) Program Reduction	2,592	291,041		-25,000 [-25,000]	2,592	266,041
010	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	2,058	15,886			2,058	15,886
011	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) MODIFICATIONS	44	211,517			44	211,517
012	PATRIOT MODS Program Increase	0	57,170		133,600 [133,600]	0	190,770
013	ITAS/TOW MODS	0	13,281			0	13,281
014	MLRS MODS	0	8,217			0	8,217
015	HIMARS MODIFICATIONS	0	39,371			0	39,371
016	HELLFIRE MODIFICATIONS SPARES AND REPAIR PARTS	0	10			0	10

### Title I - Procurement (Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
017	SPARES AND REPAIR PARTS	0	19,569			0	19,569
<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>							
018	AIR DEFENSE TARGETS	0	3,613			0	3,613
019	ITEMS LESS THAN \$5.0M (MISSILES)	0	1,208			0	1,208
020	PRODUCTION BASE SUPPORT	0	4,510			0	4,510
	<b>TOTAL, MISSILE PROCUREMENT, ARMY</b>	<b>5,727</b>	<b>1,887,437</b>		<b>-255,974</b>	<b>5,727</b>	<b>1,631,463</b>

## Items of Special Interest

*Early Infantry Brigade Combat Team non-line-of-sight launch system*

The budget request contained \$350.6 million for the non-line-of-sight launch system (NLOS-LS).

The committee notes that the Army terminated the NLOS-LS program in April 2010. As a result, the requested procurement funds are not needed.

The committee recommends no funds, a decrease of \$350.6 million, for NLOS-LS procurement.

*Guided Multiple Launch Rocket System*

The budget request contained \$291.0 million for procurement of Guided Multiple Launch Rocket System (GMLRS) rockets.

The committee supports the GMLRS, which is seeing extensive use in Operation Enduring Freedom. However, the committee understands that foreign military sales should provide production efficiency savings.

The committee recommends \$266.0 million, a decrease of \$25.0 million, for GMLRS rockets.

*Javelin Block 1 command launch unit requirements*

The committee is concerned that many Army National Guard units will not receive the upgraded "Block 1" Javelin command launch units (CLU), under current fielding plans, even as the entire active-duty Army transitions to Block 1 CLUs. Therefore, the committee directs the Secretary of the Army to provide a report to the congressional defense committees by March 1, 2011, detailing the Block 1 fielding plan, by component, and the estimated cost to pure-fleet the entire Army with Block 1 CLUs.

*Patriot Advanced Capability-3 Modifications*

The budget request contained \$57.2 million for Patriot Modifications, but included no funds to outfit an additional battalion with Patriot Advanced Capability-3 (PAC-3) equipment.

The U.S. Army Patriot force is on schedule to reach 15 battalions by 2012. Patriot remains the Department of Defense High Demand/Low Density land-based air and missile defense capability called upon to support our forces on a global scale. In 2007, the Army was authorized to grow the force from 13 to 15 battalions. Since then, the deployment requirements and operational tempo have dramatically increased to include, starting in April 2010, open-ended rotations to our North Atlantic Treaty Organization ally, the Republic of Poland. Patriot soldiers and equipment are deployed today in the United States Central Command, United States European Command, and United States Pacific Command areas of operation; more than 50 percent of the force is deployed at any given time. The Army has assessed an operational need for further force structure but has not programmed the manpower spaces or funding to upgrade a 16th existing battalion set of equipment and add it to the deployable force structure. Considering the growing demand for regional missile defense assets, the committee believes further force structure is necessary.

The committee therefore directs the Secretary of Defense to assess the adequacy of the Patriot force structure to meet current and projected global threats to our forces and submit a report on the assessment to the congressional defense committees by March 1, 2011.

The committee is also aware that the Army's unfunded requirements letter included a request for \$133.6 million to repair and recertify PAC-3 missiles and to upgrade 24 additional Patriot launchers to the PAC-3 capability. The additional missile procurement funds would provide the depot engineering support to shorten the time that some PAC-3 missiles will be out of the inventory awaiting recertification. The additional launcher upgrades would provide operational Patriot forces a second PAC-3 capable launcher. Many of the PAC-3 capable units ready for deployment have only a single PAC-3 capable launcher today (deployed units were provided the second launcher as a higher priority requirement). The second launcher provides a commander the ability to have more missiles ready to fire; an additional launch point; or increased confidence and reliability at the unit level compared to a single launcher.

The committee recommends \$190.8 million, an increase of \$133.6 million, for Patriot Modifications.

*Stinger missile service life enhancement program*

The committee is concerned that most Stinger missiles could exceed their storage life by the end of 2015. The committee understands that the Army and Marine Corps are evaluating the feasibility of a service life enhancement program (SLEP) as a way of mitigating the risk of the aging inventory. Therefore, the committee directs the Secretary of the Army to provide a report to the congressional defense committees by February 1, 2011, that specifies the schedule and cost estimates for the proposed SLEP. The report should also contain a cost and schedule estimate for lethality enhancements including, but not limited to, a proximity fuze.

*Surface launched advanced medium range air-to-air missile system*

The budget request contained \$116.7 million for the surface launched medium range air-to-air missile (SLAMRAAM) system.

The committee notes that the budget request provides procurement funds to acquire six SLAMRAAM launch vehicles and nine fire control vehicles. The committee believes that the numbers of different vehicles requested should better align with fielding and operational plans, which do not require fire control vehicles in excess of available launch platforms.

The committee recommends \$102.7 million, a decrease of \$14.0 million, for SLAMRAAM procurement.

WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Overview

The budget request for fiscal year 2011 contained \$1.7 billion for Procurement of Weapons and Tracked Combat Vehicles, Army. The committee recommends authorization of \$1.6 billion, a decrease of \$107.3 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Procurement of Weapons and Tracked Combat Vehicles, Army program are identified in the table below. Major changes to the Army request are discussed following the table.

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>PROCUREMENT OF W&amp;TCV, ARMY</b>							
<b>TRACKED COMBAT VEHICLES</b>							
001	BRADLEY PROGRAM	0	0	0	0	0	0
002	BRADLEY TRAINING DEVICES (MOD)	0	0	0	0	0	0
003	ABRAMS TANK TRAINING DEVICES	0	0	0	0	0	0
004	STRYKER VEHICLE	83	299,545			83	299,545
005	FUTURE COMBAT SYSTEMS: (FCS)	0	0	0	0	0	0
006	ADVANCE PROCUREMENT (CY)	0	0	0	0	0	0
007	FCS SPIN OUTS	0	0	0	0	0	0
008	ADVANCE PROCUREMENT (CY)	0	0	0	0	0	0
<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>							
009	STRYKER (MOD)	0	146,352			0	146,352
010	FIST VEHICLE (MOD)	0	31,083			0	31,083
011	BRADLEY PROGRAM (MOD)	0	215,133			0	215,133
012	HOWITZER, MED SP FT 155MM M109A6 (MOD)	0	105,277		-105,277	0	0
	Program Reduction				[-105,277]		
013	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	17	69,609			17	69,609
014	ARMORED BREACHER VEHICLE	17	77,930			17	77,930
015	M88 FOV MODS	0	9,157			0	9,157
016	JOINT ASSAULT BRIDGE	9	44,133			9	44,133
017	M1 ABRAMS TANK (MOD)	0	230,907			0	230,907
018	ABRAMS UPGRADE PROGRAM	21	183,000			21	183,000
<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>							
019	PRODUCTION BASE SUPPORT (TCV-WTCV)	0	3,145			0	3,145
<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>							
020	HOWITZER, LIGHT, TOWED, 105MM, M119	2	5,575			2	5,575
021	M240 MEDIUM MACHINE GUN (7.62MM)	1,655	28,179			1,655	28,179

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
022	MACHINE GUN, CAL. 50 M2 ROLL	5,900	79,496			5,900	79,496
023	LIGHTWEIGHT .50 CALIBER MACHINE GUN	350	18,941			350	18,941
024	M249 SAW MACHINE GUN (5.56MM)	0	0			0	0
025	MK-19 GRENADE MACHINE GUN (40MM)	238	4,465			238	4,465
026	MORTAR SYSTEMS	138	17,082			138	17,082
027	M107, CAL. 50, SNIPER RIFLE	0	235			0	235
028	XM320 GRENADE LAUNCHER MODULE (GLM)	3,869	16,282			3,869	16,282
029	M110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS)	155	5,159			155	5,159
030	M4 CARBINE	11,494	20,180			11,494	20,180
031	SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS)	3,659	7,153			3,659	7,153
032	COMMON REMOTELY OPERATED WEAPONS STATION (CRO)	0	0			0	0
033	HANDGUN	5,000	3,371	-5,000	-3,371	0	0
	Program Reduction			[-5,000]	[-3,371]		
034	HOWITZER LT WT 155MM (T)	0	0			0	0
	MOD OF WEAPONS AND OTHER COMBAT VEH						
035	MK-19 GRENADE MACHINE GUN MODS	0	4,286			0	4,286
036	M4 CARBINE MODS	0	14,044			0	14,044
037	M2 50 CAL MACHINE GUN MODS	0	0			0	0
038	M249 SAW MACHINE GUN MODS	0	5,922			0	5,922
039	M240 MEDIUM MACHINE GUN MODS	0	15,852			0	15,852
040	M119 MODIFICATIONS	0	39,810			0	39,810
041	M16 RIFLE MODS	0	3,855			0	3,855
042	M14 7.62 RIFLE MODS	0	0			0	0
043	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	0	6,083			0	6,083
	SUPPORT EQUIPMENT & FACILITIES						
044	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	0	0			0	0
045	PRODUCTION BASE SUPPORT (WOCV-WTCV)	0	7,869			0	7,869

### Title I - Procurement (Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
046	INDUSTRIAL PREPAREDNESS	0	409			0	409
047	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) Additional Small Arms- Nevada National Guard	0	4,042		1,332 [1,332]	0	5,374
048	CLOSED ACCOUNT ADJUSTMENTS	0	0			0	0
	<b>TOTAL, PROCUREMENT OF W&amp;TCV, ARMY</b>	<b>32,607</b>	<b>1,723,561</b>	<b>-5,000</b>	<b>-107,316</b>	<b>27,607</b>	<b>1,616,245</b>

## Items of Special Interest

*Modular handgun system*

The budget request contained \$3.4 million for 5,000 new modular handgun systems to replace the M9 pistol.

This is a new start program for fiscal year 2011. The committee notes that neither the Joint Requirements Oversight Council nor the Army Requirements Oversight Council have approved this requirement. Without a validated requirement, the committee believes this request lacks the necessary justification to proceed.

The committee recommends no funds, a decrease of \$3.4 million, for the modular handgun system.

*Paladin Integrated Management program*

The budget request contained \$105.3 million for procurement of upgraded M109A6 Paladin artillery systems.

The committee supports the Paladin Integrated Management (PIM) program. The committee understands that with the cancelation of the Non-Line of Sight Cannon system that the PIM program is the Army's only mobile artillery development program. However, the committee expects the PIM program to be delayed an additional six to eight months, based on technology integration challenges. As a result, the expected commencement of low-rate initial production is expected to slip into fiscal year 2012, obviating the need for procurement funds in fiscal year 2011.

The committee recommends no funds, a decrease of \$105.3 million, for PIM vehicle procurement.

*Stryker vehicles*

The budget request contained \$299.6 million for 83 new Stryker vehicles and \$591.4 million for Stryker vehicle upgrades.

The committee supports the Stryker vehicle program, and believes that Stryker brigades provide the Army with a flexible and mobile force with combat capability between light brigades and heavy brigades, as originally planned by the Army. The committee also supports efforts to evaluate the double-V hull upgrade to select Stryker vehicles for service in Operation Enduring Freedom. If testing demonstrates the value of the double-V hull upgrade, the committee expects the Army to move forward quickly with these reconfigured vehicles.

However, the committee is concerned that the Army's future plans for upgrading Stryker vehicles and adding Stryker brigades are not clear. Specifically, the committee notes that prior year funding appears adequate to equip the eight planned Stryker brigades while also providing funds for additional maintenance float and training vehicles, yet the Army is requesting an additional \$299.6 million for new vehicles in fiscal year 2011. The committee also understands that as of April 2010, the Army has in excess of \$850.0 million in unobligated Stryker procurement funds dating back to fiscal year 2008 funding. While the Army claims to have plans to expend these funds on Stryker vehicles, the committee remains concerned, given the many other urgent needs in the Army's budget, that constant changes in requirements by the Army have delayed use of these funds for this long. The committee expects the Army to rapidly clarify its force structure and upgrade plans for

Stryker vehicles and execute the funding on hand. The committee directs the Secretary of the Army to deliver a report to the congressional defense committees by February 5, 2011, that provides a detailed explanation of changes in Stryker force structure, new requirements for upgrades and maintenance fleets, and the associated procurement and development funding through fiscal year 2017 needed to achieve these requirements.

The committee recommends \$891.0 million, the full amount requested, for Stryker vehicle procurement and upgrades.

#### PROCUREMENT OF AMMUNITION, ARMY

##### Overview

The budget request for fiscal year 2011 contained \$2.0 billion for Procurement of Ammunition, Army. The committee recommends authorization of \$1.9 billion, a decrease of \$32.5 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Procurement of Ammunition, Army program are identified in the table below. Major changes to the Army request are discussed following the table.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	Authorized Cost
<b>PROCUREMENT OF AMMUNITION, ARMY</b>							
<b>SMALL/MEDIUM CAL AMMUNITION</b>							
001	CTG, 5.56MM, ALL TYPES	0	195,406			0	195,406
002	CTG, 7.62MM, ALL TYPES	0	79,622			0	79,622
003	CTG, HANDGUN, ALL TYPES	0	5,377			0	5,377
004	CTG, .50 CAL, ALL TYPES	0	160,712			0	160,712
005	CTG, 20MM, ALL TYPES	0	0			0	0
006	CTG, 25MM, ALL TYPES	0	15,887			0	15,887
007	CTG, 30MM, ALL TYPES	0	95,222			0	95,222
008	CTG, 40MM, ALL TYPES	0	167,632			0	167,632
<b>MORTAR AMMUNITION</b>							
009	60MM MORTAR, ALL TYPES	0	14,340			0	14,340
010	81MM MORTAR, ALL TYPES	0	24,036			0	24,036
011	120MM MORTAR, ALL TYPES	0	96,335			0	96,335
Program Reduction							
					-28,600		
					[-28,600]		
<b>TANK AMMUNITION</b>							
012	CTG TANK 105MM: ALL TYPES	0	7,794			0	7,794
013	CTG, TANK, 120MM, ALL TYPES	0	114,798			0	114,798
<b>ARTILLERY AMMUNITION</b>							
014	CTG, ARTY, 75MM: ALL TYPES	0	7,329			0	7,329
015	CTG, ARTY, 105MM: ALL TYPES	0	76,658			0	76,658
016	CTG, ARTY, 155MM, ALL TYPES	0	45,752			0	45,752
Additional M1066 155MM Illuminating Cartridges							
017	PROJ 155MM EXTENDED RANGE XM982	0	62,114			0	62,114
018	MODULAR ARTILLERY CHARGE SYSTEM (MACS), ALL T	0	29,309			0	29,309
<b>ARTILLERY FUZES</b>							
019	ARTILLERY FUZES, ALL TYPES	0	25,047			0	25,047

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>MINES</b>							
020	MINES, ALL TYPES	0	817			0	817
021	MINE, CLEARING CHARGE, ALL TYPES	0	8,000			0	8,000
<b>NETWORKED MUNITIONS</b>							
022	SPIDER NETWORK MUNITIONS, ALL TYPES	0	53,005			0	53,005
023	SCORPION, INTELLIGENT MUNITIONS SYSTEM, ALL Milestone C Schedule Delay- Funding ahead of need	0	10,246		-10,246 [-10,246]	0	0
<b>ROCKETS</b>							
024	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	0	43,873			0	43,873
025	ROCKET, HYDRA 70, ALL TYPES	0	120,628			0	120,628
<b>OTHER AMMUNITION</b>							
026	DEMOLITION MUNITIONS, ALL TYPES	0	19,824			0	19,824
027	GRENADES, ALL TYPES	0	41,803			0	41,803
028	SIGNALS, ALL TYPES	0	39,472			0	39,472
029	SIMULATORS, ALL TYPES	0	11,389			0	11,389
<b>MISCELLANEOUS</b>							
030	AMMO COMPONENTS, ALL TYPES	0	17,499			0	17,499
031	NON-LETHAL AMMUNITION, ALL TYPES	0	5,266			0	5,266
032	CAD/PAD ALL TYPES	0	5,322			0	5,322
033	ITEMS LESS THAN \$5 MILLION	0	9,768			0	9,768
034	AMMUNITION PECULIAR EQUIPMENT	0	12,721			0	12,721
035	FIRST DESTINATION TRANSPORTATION (AMMO)	0	11,786			0	11,786
036	CLOSEOUT LIABILITIES	0	100			0	100
<b>PRODUCTION BASE SUPPORT</b>							
037	PROVISION OF INDUSTRIAL FACILITIES Iowa Army Ammunition Plant Energy and Utility Monitoring Project	0	144,368		2,380 [2,380]	0	146,748
038	LAYAWAY OF INDUSTRIAL FACILITIES	0	9,504			0	9,504

### Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
039	MAINTENANCE OF INACTIVE FACILITIES	0	9,025			0	9,025
040	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL	0	178,367			0	178,367
041	ARMS INITIATIVE	0	3,261			0	3,261
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	0	1,979,414		-32,466	0	1,946,948

### Items of Special Interest

#### *Accelerated Precision Mortar Initiative*

The budget request contained \$216.5 million for 120mm mortar, all types, of which \$98.6 million was for the Accelerated Precision Mortar Initiative (APMI) program.

The APMI program would provide precision guided mortar capability to address a Joint Urgent Operational Needs Statement (JUONS) from Operation Enduring Freedom (OEF). The committee understands the APMI program has completed a down-select process that resulted in substantially lower unit costs than had been originally budgeted for by the Army in the budget request for fiscal year 2011. The Army indicates that it will only require \$19.9 million in fiscal year 2011 procurement funds to address the JUONS requirement from OEF.

The committee recommends a total reduction of \$78.7 million for the APMI program, a reduction of \$28.6 million in the base request, and a reduction of \$50.1 million in the Overseas Contingency Operations budget request, as part of title 15 of this Act.

#### *MK281 target practice rounds*

The budget request contained \$230.3 million for Ctg, 40mm, all types, of which \$24.8 million was for the MK281, Mod 0 target practice round and \$89.4 million was for the MK281, Mod 1 target practice round.

The committee recognizes MK281 target practice rounds are a non-dud producing, eco-friendly round which enables its use for fire and maneuver engagement training with the MK19 weapon system during the day and night at Joint National Training Centers. The committee also notes the MK19 is being used extensively in Operation Iraqi Freedom and Operation Enduring Freedom.

Therefore, the committee would encourage the Army to continue the procurement of MK281 target practice rounds as specified in the supporting budget documentation to support current target practice round requirements.

### OTHER PROCUREMENT, ARMY

#### Overview

The budget request for fiscal year 2011 contained \$9.8 billion for Other Procurement, Army. The committee recommends authorization of \$9.4 billion, a decrease of \$367.1 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Other Procurement, Army program are identified in the table below. Major changes to the Army request are discussed following the table.

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
<b>OTHER PROCUREMENT, ARMY</b>							
<b>TACTICAL VEHICLES</b>							
001	TACTICAL TRAILERS/DOLLY SETS	2,359	25,560			2,359	25,560
002	SEMITRAILERS, FLATBED:	391	38,713			391	38,713
003	SEMITRAILERS, TANKERS	0	0			0	0
004	HI MOB MULTI-PURP WHLD VEH (HMMWV)	0	0			0	0
005	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	2,960	918,195			2,960	918,195
006	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENTS	0	21,317			0	21,317
007	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	0	549,741			0	549,741
008	PLS ESP	0	100,108		-50,000	0	50,108
	Program Reduction				[-50,000]		
009	ARMORED SECURITY VEHICLES (ASV)	94	114,478		-25,500	94	88,978
	Program Reduction				[-25,500]		
010	MINE PROTECTION VEHICLE FAMILY	0	230,978			0	230,978
011	FAMILY OF MINE RESISTANT AMBUSH PROTEC (MRAP)	0	0			0	0
012	TRUCK, TRACTOR, LINE HAUL, M915/M916	55	37,519			55	37,519
013	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV P	708	173,565			708	173,565
014	HMMWV RECAPITALIZATION PROGRAM	0	0			0	0
015	MODIFICATION OF IN SVC EQUIP	0	349,256		-30,000	0	319,256
	Program Reduction				[-30,000]		
016	ITEMS LESS THAN \$5.0M (TAC VEH)	0	0			0	0
017	TOWING DEVICE-FIFTH WHEEL	0	234			0	234
018	AMC CRITICAL ITEMS, OPA1	0	746			0	746
<b>NON-TACTICAL VEHICLES</b>							
019	HEAVY ARMORED SEDAN	4	1,875			4	1,875
020	PASSENGER CARRYING VEHICLES	0	3,323			0	3,323

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
021	NONTACTICAL VEHICLES, OTHER	0	19,586			0	19,586
<b>COMM - JOINT COMMUNICATIONS</b>							
022	VEHICLE MTD MINE DETE	0	0			0	0
023	JOINT COMBAT IDENTIFICATION MARKING SYSTEM	0	11,411			0	11,411
024	WIN-T - GROUND FORCES TACTICAL NETWORK	0	421,798		-25,000	0	396,798
	Program Reduction				[-25,000]		
025	JCSE EQUIPMENT (USREDCOM)	0	4,690			0	4,690
<b>COMM - SATELLITE COMMUNICATIONS</b>							
026	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS (S	0	115,744			0	115,744
027	SHF TERM	0	14,198			0	14,198
028	SAT TERM; EMUT (SPACE)	0	662			0	662
029	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)	0	32,193		51,200	0	83,393
	Program Increase				[51,200]		
030	SMART-T (SPACE)	0	10,285			0	10,285
031	SCAMP (SPACE)	0	930			0	930
032	GLOBAL BRDCST SVC - GBS	0	4,586			0	4,586
033	MOD OF IN-SVC EQUIP (TAC.SAT)	0	1,506			0	1,506
<b>COMM - COMBAT SUPPORT COMM</b>							
034	MOD-IN-SERVICE PROFILER	0	938			0	938
<b>COMM - C3 SYSTEM</b>							
035	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	0	20,387			0	20,387
<b>COMM - COMBAT COMMUNICATIONS</b>							
036	ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO)	0	700			0	700
037	JOINT TACTICAL RADIO SYSTEM	0	209,568		-10,200	0	199,368
	Program Reduction				[-10,200]		
038	RADIO TERMINAL SET, MIDS LVT(2)	0	5,796			0	5,796
039	SINCGARS FAMILY	0	14,504			0	14,504

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
040	AMC CRITICAL ITEMS - OPA2	0	3,860			0	3,860
041	MULTI-PURPOSE INFORMATIONS OPERATIONS SYSEMS	0	9,501			0	9,501
042	COMMS-ELEC EQUIP FIELDING	0	5,965			0	5,965
043	SPIDER APLA REMOTE CONTROL UNIT	0	26,358			0	26,358
044	IMS REMOTE CONTROL UNIT Program Reduction	0	6,603		-6,603	0	0
					[-6,603]		
045	SOLDIER ENHANCEMENT PROGRAM COMM/ELECTRONICS	0	5,125			0	5,125
046	COMBAT SURVIVOR EVADER LOCATOR (CSEL)	0	2,397			0	2,397
047	RADIO, IMPROVED HF (COTS) FAMILY	0	9,983			0	9,983
048	MEDICAL COMM FOR CBT CASUALTY CARE (MC4)	0	23,606			0	23,606
	<b>COMM - INTELLIGENCE COMM</b>						
049	CI AUTOMATION ARCHITECTURE	0	1,465			0	1,465
	<b>INFORMATION SECURITY</b>						
050	TSEC - ARMY KEY MGT SYS (AKMS)	0	25,959			0	25,959
051	INFORMATION SYSTEM SECURITY PROGRAM-ISSP Biometrics Equipment- Transfer from RDA 171	0	63,340		36,661	0	100,001
					[36,661]		
	<b>COMM - LONG HAUL COMMUNICATIONS</b>						
052	TERRESTRIAL TRANSMISSION	0	137			0	137
053	BASE SUPPORT COMMUNICATIONS	0	28,406			0	28,406
054	WW TECH CON IMP PROG (WWTCIP)	0	11,566			0	11,566
	<b>COMM - BASE COMMUNICATIONS</b>						
055	INFORMATION SYSTEMS	0	201,081			0	201,081
056	DEFENSE MESSAGE SYSTEM (DMS)	0	6,264			0	6,264
057	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM{	0	178,242			0	178,242
058	PENTAGON INFORMATION MGT AND TELECOM ELECT EQUIP - TACT INT REL ACT (TIARA)	0	10,427			0	10,427
063	ALL SOURCE ANALYSIS SYS (ASAS)	0	0			0	0

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
064	JTT/CIBS-M	0	3,321			0	3,321
065	PROPHET GROUND	0	71,517			0	71,517
066	TACTICAL UNMANNED AERIAL SYS (TUAS)	0	0			0	0
067	SMALL UNMANNED AERIAL SYSTEM (SUAS)	0	0			0	0
068	DIGITAL TOPOGRAPHIC SPT SYS (DTSS)	0	441			0	441
069	DRUG INTERDICTION PROGRAM (DIP) (TIARA)	0	0			0	0
070	DCGS-A (MIP)	0	137,424			0	137,424
071	JOINT TACTICAL GROUND STATION (JTAGS)	0	9,279			0	9,279
072	TROJAN (MIP)	0	28,345			0	28,345
073	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	0	7,602			0	7,602
074	CI HUMINT AUTO REPRTING AND COLL(CHARCS) (MIP)	0	7,416			0	7,416
075	ITEMS LESS THAN \$5.0M (MIP)	0	18,721			0	18,721
	<b>ELECT EQUIP - ELECTRONIC WARFARE (EW)</b>						
076	LIGHTWEIGHT COUNTER MORTAR RADAR	0	32,980		47,100	0	80,080
	Program Increase- Unfunded Requirement				(47,100)		
077	WARLOCK	0	24,127			0	24,127
078	BCT UNATTENDED GROUND SENSOR	0	29,718			0	0
	Program Reduction				(29,718)		
079	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	0	1,394			0	1,394
080	CI MODERNIZATION	0	1,263			0	1,263
	<b>ELECT EQUIP - TACTICAL SURV. (TAC SURV)</b>						
081	FAAD G85	0	91,467			0	71,467
	Program Reduction				(20,000)		
082	SENTINEL MODS	0	30,976			0	30,976
083	SENSE THROUGH THE WALL (STTW)	0	24,939			0	24,939
084	NIGHT VISION DEVICES	0	70,528			0	70,528

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
085	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM Program Reduction	0	255,641		-20,000 [-20,000]	0	235,641
086	NIGHT VISION, THERMAL WPN SIGHT	0	248,899			0	248,899
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	0	8,520			0	8,520
088	RADIATION MONITORING SYSTEMS	0	0			0	0
089	COUNTER-ROCKET, ARTILLERY & MORTAR (C-RAM)	0	2,088			0	2,088
090	BASE EXPEDITIONARY TARGETING AND SURV SYS	0	0			0	0
091	ARTILLERY ACCURACY EQUIP	0	6,042			0	6,042
092	MOD OF IN-SVC EQUIP (MMS)	0	0			0	0
093	ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE	0	0			0	0
094	PROFILER	0	4,408			0	4,408
095	MOD OF IN-SVC EQUIP (FIREFINDER RADARS)	0	2,843			0	2,843
096	FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2)	0	39,786			0	39,786
097	JOINT BATTLE COMMAND - PLATFORM (JBC-P)	0	147			0	147
098	LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD)	0	65,970			0	65,970
099	COMPUTER BALLISTICS: LHMBC XM32	0	815			0	815
100	MORTAR FIRE CONTROL SYSTEM	0	16,475			0	16,475
101	COUNTERFIRE RADARS	0	275,867			0	275,867
102	ENHANCED SENSOR & MONITORING SYSTEM	0	2,062			0	2,062
103	ELECT EQUIP - TACTICAL C2 SYSTEMS TACTICAL OPERATIONS CENTERS Program Reduction	0	53,768		-25,000 [-25,000]	0	28,768
104	FIRE SUPPORT C2 FAMILY AFATDS Forward Entry Devices Unfunded Requirement	0	49,077		16,200 [16,200]	0	65,277
105	BATTLE COMMAND SUSTAINMENT SUPPORT SYSTEM (BC)	0	25,866			0	25,866

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
106	FAAD C2	0	42,511		-20,000	0	22,511
	Program Reduction				[-20,000]		
107	AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD)	0	57,038			0	57,038
108	KNIGHT FAMILY	0	120,723			0	120,723
109	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	0	1,710			0	1,710
110	AUTOMATIC IDENTIFICATION TECHNOLOGY	0	10,858			0	10,858
111	TC AIMS II	0	10,457			0	10,457
112	JOINT NETWORK MANAGEMENT SYSTEM (JNMS)	0	0			0	0
113	TACTICAL INTERNET MANAGER	0	1,594			0	1,594
114	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	0	18,492			0	18,492
115	MANEUVER CONTROL SYSTEM (MCS)	0	96,162			0	96,162
116	SINGLE ARMY LOGISTICS ENTERPRISE (SALE)	0	99,819			0	99,819
117	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	0	15,466			0	15,466
118	MOUNTED BATTLE COMMAND ON THE MOVE (MBCOTM)	0	0			0	0
	<b>ELECT EQUIP - AUTOMATION</b>						
119	GENERAL FUND ENTERPRISE BUSINESS SYSTEM	0	97,858			0	97,858
120	ARMY TRAINING MODERNIZATION	0	36,158			0	36,158
121	AUTOMATED DATA PROCESSING EQUIP	0	203,864			0	203,864
122	CSS COMMUNICATIONS	0	39,811			0	39,811
123	RESERVE COMPONENT AUTOMATION SYS (RCAS)	0	39,360			0	39,360
	<b>ELECT EQUIP - AUDIO VISUAL SYS (A/V)</b>						
124	ITEMS LESS THAN \$5.0M (A/V)	0	663			0	663
125	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	0	6,467			0	6,467
	<b>ELECT EQUIP - MODS TACTICAL SYS/EQ</b>						
126	WEAPONIZATION OF UNMANNED AERIAL SYSTEM (UAS)	0	0			0	0
	<b>ELECT EQUIP - SUPPORT</b>						
127	ITEMS UNDER \$5M (SSE)	0	0			0	0

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
128	PRODUCTION BASE SUPPORT (C-E)	0	542			0	542
129	BCT NETWORK	0	176,543		-176,543	0	0
	Program Reduction				[-176,543]		
	<b>CLASSIFIED PROGRAMS</b>						
129A	CLASSIFIED PROGRAMS	0	2,560			0	2,560
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>						
130	PROTECTIVE SYSTEMS	0	2,489			0	2,489
131	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	0	9,305			0	9,305
132	CBRN SOLDIER PROTECTION	0	180,351			0	180,351
133	SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM)	0	831			0	831
	<b>BRIDGING EQUIPMENT</b>						
134	TACTICAL BRIDGING	0	62,817			0	62,817
135	TACTICAL BRIDGE, FLOAT-RIBBON	0	105,837			0	105,837
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>						
136	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	0	43,871			0	43,871
137	GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS)	0	35,002			0	35,002
138	EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT)	0	54,093			0	54,093
139	< \$5M, COUNTERMINE EQUIPMENT	0	3,655			0	3,655
140	AERIAL DETECTION	0	0			0	0
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>						
141	HEATERS AND ECU'S	0	20,610			0	20,610
142	LAUNDRIES, SHOWERS AND LATRINES	0	0			0	0
143	SOLDIER ENHANCEMENT	0	5,416			0	5,416
144	LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME)	0	0			0	0
145	LAND WARRIOR	0	0			0	0
146	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	0	7,813			0	7,813

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
147	GROUND SOLDIER SYSTEM Program Reduction	0	110,524		-14,500 [-14,500]	0	96,024
148	MOUNTED SOLDIER SYSTEM	0	38,872			0	38,872
149	FORCE PROVIDER	0	41,539			0	41,539
150	FIELD FEEDING EQUIPMENT	0	23,826			0	23,826
151	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	0	69,496			0	69,496
152	MOBILE INTEGRATED REMAINS COLLECTION SYSTEM:	0	26,532			0	26,532
153	ITEMS LESS THAN \$5M (ENG SPT)	0	31,420			0	31,420
	PETROLEUM EQUIPMENT						
154	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	0	175,069			0	175,069
	WATER EQUIPMENT						
155	WATER PURIFICATION SYSTEMS	0	3,597			0	3,597
	MEDICAL EQUIPMENT						
156	COMBAT SUPPORT MEDICAL	0	30,365			0	30,365
	MAINTENANCE EQUIPMENT						
157	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	0	159,285			0	159,285
158	ITEMS LESS THAN \$5.0M (MAINT EQ)	0	3,702			0	3,702
	CONSTRUCTION EQUIPMENT						
159	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	0	48,379			0	48,379
160	SKID STEER LOADER (SSL) FAMILY OF SYSTEM	0	17,498			0	17,498
161	SCRAPERS, EARTHMOVING	0	12,452			0	12,452
162	DISTR, WATER, SP MIN 2500G SEC/NON-SEC	0	0			0	0
163	MISSION MODULES - ENGINEERING	0	62,111			0	62,111
164	LOADERS	0	7,205			0	7,205
165	HYDRAULIC EXCAVATOR	0	8,458			0	8,458
166	TRACTOR, FULL TRACKED	0	64,032			0	64,032
167	PLANT, ASPHALT MIXING	0	10,783			0	10,783

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
168	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS	0	64,959	0		0	64,959
169	CONST EQUIP ESP	0	11,063	0		0	11,063
170	ITEMS LESS THAN \$5.0M (CONST EQUIP)	0	20,565	0		0	20,565
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>						
171	JOINT HIGH SPEED VESSEL (JHSV)	0	202,764	0		0	202,764
172	HARBORMASTER COMMAND AND CONTROL CENTER (HCCC)	0	37,683	0		0	37,683
173	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	0	8,052	0		0	8,052
	<b>GENERATORS</b>						
174	GENERATORS AND ASSOCIATED EQUIP	0	113,573	0		0	113,573
	<b>MATERIAL HANDLING EQUIPMENT</b>						
175	ROUGH TERRAIN CONTAINER HANDLER (RTCH)	0	29,460	0		0	29,460
176	FAMILY OF FORKLIFTS	0	12,936	0		0	12,936
177	ALL TERRAIN LIFTING ARMY SYSTEM	0	17,352	0		0	17,352
	<b>TRAINING EQUIPMENT</b>						
178	COMBAT TRAINING CENTERS SUPPORT	0	23,400	0		0	23,400
179	TRAINING DEVICES, NONSYSTEM	0	297,200	0		0	308,950
	Mine Resistant Ambush Protected Vehicle Virtual Trainers (MRAP-VVT) Alabama National Guard				11,750		
	Mine Resistant Ambush Protected Vehicle Virtual Trainers (MRAP-VVT) California National Guard				[5,000]		
	Tabletop Trainers, Individual Gunnery Trainer (IGT)- California National Guard				[6,000]		
					[750]		
180	CLOSE COMBAT TACTICAL TRAINER	0	64,912	0		0	64,912
181	AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA)	0	26,120	0		0	26,120
182	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	0	4,964	0		0	4,964
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>						
183	CALIBRATION SETS EQUIPMENT	0	38,778	0		0	38,778
184	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	0	104,472	0		0	104,472
185	TEST EQUIPMENT MODERNIZATION (TEMOD)	0	19,166	0		0	19,166
	<b>OTHER SUPPORT EQUIPMENT</b>						

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
186	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	0	42,229			0	42,229
187	PHYSICAL SECURITY SYSTEMS (OPA3)	0	56,195			0	56,195
188	BASE LEVEL COM'L EQUIPMENT	0	1,873			0	1,873
189	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) Program Reduction	0	103,046		-16,600 [-16,600]	0	86,446
190	PRODUCTION BASE SUPPORT (OTH)	0	2,233			0	2,233
191	BUILDING, PRE-FAB, RELOCATABLE	0	0			0	0
192	SPECIAL EQUIPMENT FOR USER TESTING	0	44,483			0	44,483
193	AMC CRITICAL ITEMS OPA3	0	13,104			0	13,104
194	MA8975	0	3,894			0	3,894
195	BCT UNMANNED GROUND VEHICLE Program Increase	0	20,046		1,254 [1,254]	0	21,300
196	BCT TRAINING/LOGISTICS/MANAGEMENT Program Reduction	0	61,581		-61,581 [-61,581]	0	0
OPAZ							
197	INITIAL SPARES - C&E	0	38,707			0	38,707
	<b>TOTAL, OTHER PROCUREMENT, ARMY</b>	<b>6,571</b>	<b>9,765,808</b>		<b>-367,080</b>	<b>6,571</b>	<b>9,398,728</b>

## Items of Special Interest

*Defense Advanced GPS Receivers*

The budget request contained \$32.2 million for acquisition of 8,297 Defense Advanced GPS Receivers (DAGR).

To date, approximately 220,000 DAGR units have been delivered to the Army, replacing the need to purchase jamming-susceptible commercial GPS receivers. The Army acquisition objective is to purchase 462,288 units. Approximately 60 percent of the currently fielded DAGRs thus far have been installed in vehicles, creating a GPS void for individual service members. Additional funding for DAGR procurement should reduce the cost of each unit and increase the number of units available for deployment to individual warfighters. The committee is aware that purchase of additional DAGRs was the third item in the Army's unfunded requirements letter to Congress.

The committee recommends \$83.4 million, an increase of \$51.2 million, for procurement of additional DAGRs.

*Early Infantry Brigade Combat Team network integration kits*

The budget request contained \$176.6 million for Early Infantry Brigade Combat Team (EIBCT) network integration kits (NIK).

The committee understands that the NIKs and the connectivity that they enable are the heart of the EIBCT program, and is what could eventually distinguish the EIBCT network from current Army network capabilities. However, the committee has numerous concerns with the performance and cost of this critical element of the EIBCT. The committee notes that 2009 limited user test (LUT) results for the EIBCT vehicle network integration kits found significant performance, reliability, and operational concept problems. In addition, the committee notes that these poor test results occurred while the NIKs were tested in a very small network of just a few nodes, which was operating in an unencrypted format and not subject to jamming or other network interference. The results of the test raise serious questions about the ability of the program to develop a network large enough and secure enough to achieve program requirements on its current schedule. While the program claims that fixes will be in place by the September 2010 LUT, the committee remains concerned that the LUT will feature a very limited number of network nodes that will still be operating in an unencrypted format.

The committee also notes that even if the NIKs perform as planned, they may provide little additional capability to EIBCT units and will likely be very expensive. Despite the per-vehicle unit price for a NIK of approximately \$1.0 million, the only functionality it brings is transmitting limited sensor data, such as still images and icons, for display on an existing Force XXI Battle Command Brigade and Below terminal. The committee is not confident that this limited network capability justifies spending almost \$1.0 million per vehicle kit, when the Army has lower cost alternatives available for providing enhanced network capability down to the platform level.

Finally, the committee understands that sufficient funds have already been provided by Congress through fiscal year 2010 for the Army to procure the first two brigade sets of network integration

kits, and additional test assets. Based on test results to date and the availability of other funds, the committee believes that investment in additional brigade sets of network integration kits is premature.

The committee recommends no funds, a decrease of \$176.6 million, for procurement of EIBCT network integration kits.

*Early Infantry Brigade Combat Team small unmanned ground vehicles*

The budget request contained \$20.1 million for Early Infantry Brigade Combat Team (EIBCT) small unmanned ground vehicles (SUGV).

The committee notes that despite six years of system development work, 2009 limited user test results for the SUGVs found significant performance and reliability problems. Specifically, test reports indicated that SUGVs were overweight, allowed insufficient range between each SUGV and its operator to keep the operator safe, and have limited utility at night due to sensor limitations. The committee also notes that sufficient funds have already been provided by Congress for the Army to procure the first two brigade sets of SUGVs, and additional test assets. Based on test results to date and the availability of other funds, the committee believes that investment in additional brigade sets of SUGVs is premature.

The committee recommends \$21.3 million, an increase of \$1.3 million, for EIBCT SUGVs.

*Early Infantry Brigade Combat Team training/logistics/management*

The budget request contained \$61.6 million for Early Infantry Brigade Combat Team (EIBCT) training/logistics/management fielding support.

The committee understands that the requested funds are for support of fielding of other EIBCT equipment. Because of reductions to EIBCT procurement funds elsewhere in this title 1, the committee does not believe that the \$61.6 million in associated fielding support funding that was requested will be necessary.

The committee recommends no funds, a decrease of \$61.6 million, for EIBCT training/logistics/management support.

*Early Infantry Brigade Combat Team unattended ground sensors*

The budget request contained \$29.7 million for Early Infantry Brigade Combat Team (EIBCT) unattended ground sensors.

The committee notes that, despite six years of system development work, 2009 limited user test results for the EIBCT urban-unattended ground sensors (U-UGS) and tactical-unattended ground sensors (T-UGS) found significant performance, reliability, and operational concept problems. Specifically, test reports indicated that the sensors were difficult to emplace, fell well below reliability requirements, and contributed "little to unit situational awareness" due to poor image quality and slow image transmission over the network. The committee also notes that sufficient funds have already been provided by Congress for the Army to procure the first two brigade sets of U-UGS and T-UGS, and additional test assets. Based on test results to date and the availability of other funds,

the committee believes that investment in additional brigade sets of U-UGS or T-UGS is premature.

The committee recommends no funds, a decrease of \$29.7 million, for procurement of EIBCT U-UGS and T-UGS.

#### *Ground Soldier System acquisition strategy*

The budget request contained \$110.5 million for the Ground Soldier System (GSS) Increment I program to support the low-rate initial production of 4,598 GSS units.

The committee understands that the GSS program would provide situational awareness and understanding to the dismounted leader, allowing for faster and more accurate decisions in the tactical fight while also reducing fratricide. The committee notes GSS Increment I would primarily focus on providing the ground soldier with improved situational awareness, command and control, hands-free color display, and improved hearing protection/enhancement and voice and position location information. The committee is aware that GSS Increment I would use technologically mature systems, including radios and communication software, with program risk found in the integration of these systems.

The committee believes the current acquisition strategy for GSS Increment I is high risk, and has concerns regarding the proposed schedule to move the program from milestone A to milestone C, effectively bypassing milestone B, within 21 months of the initial development contract award. The committee notes that the schedule does not account for any major obstacles which might surface due to the complexities involved with systems integration.

The committee expects all developmental testing to be completed and analyzed before any decision is made prior to beginning Milestone C. The committee also expects that the Army will fully comply with section 2366a of title 10, United States Code, prior to any Milestone B or milestone C decision. The committee recommends \$96.0 million, a reduction of \$14.5 million, for the Ground Soldier System Increment I program.

#### *High mobility multi-purpose wheeled vehicles*

The committee understands the high mobility multi-purpose wheeled vehicle (HMMWV) has provided a proven capability for a light tactical vehicle (LTV) for the armed forces for over 25 years. The committee notes that through congressional support and significant investment during Operation Enduring Freedom and Operation Iraqi Freedom, over 40,000 HMMWVs have been recapitalized through an extensive recapitalization program that provided additional performance and survivability capabilities to HMMWVs. In addition, over 50,000 new Up-Armored HMMWVs (UAH) have been procured during this period.

The committee is aware that the fiscal year 2011 Overseas Contingency Operations budget request contained \$1.3 billion in the Afghanistan Security Forces Fund for new production of HMMWVs and UAHs, and the fiscal year 2010 Supplemental budget request for ongoing military operations contained \$318.9 million for new production of HMMWVs and UAHs. The committee supports the President's request to utilize these funds for the procurement of new HMMWVs as specified in the supporting budget documentation. The committee also recognizes that HMMWV and UAH re-

quirements may exist beyond these purposes, particularly for the Army National Guard. The committee encourages the military services and the Chief of the National Guard Bureau to adequately resource and effectively address any unmet LTV requirements in future budget submissions.

*High-resolution three dimensional topographic data*

The committee understands that there is a requirement for high-resolution three dimensional (3D) topographic terrain data with co-collected high resolution color imagery to meet warfighter requirements in planning and executing operations in urban terrain in the Islamic Republic of Afghanistan. The committee also understands that tactical commanders have provided Joint Urgent Operational Needs Statements (JUONS) to the Department of Defense for high-resolution 3D topographic terrain data with co-collected high-resolution color imagery, but that these JUONS have not been resourced.

The committee is concerned about the lack of the high-resolution 3D topographic terrain data needed by commanders and warfighters to conduct population-centric operations over the complex and urban terrain that characterize today's hybrid-multi-modal warfare.

Therefore, the committee directs the Commander, U.S. Army Corps of Engineers (USACE) as the executive agent for high-resolution 3D topographic terrain data for U.S. ground forces and special operations forces, to conduct a study regarding the extent of the shortfall of high-resolution 3D topographic terrain data, to include resources required to meet this requirement. The report should also address whether organizational changes are required to ensure day-to-day visibility of the importance of this capability within the intelligence community. The committee directs the Commander, USACE to provide this report to the congressional defense committees by July 1, 2010.

The committee further directs the Director of the Joint Staff to request the combat commands to provide their views on the importance of high-resolution 3D topographic terrain data, and to provide a report to the congressional defense committees transmitting the responses from the combatant commands by September 1, 2010.

*Intelligent Munitions System remote control units*

The budget request contained \$6.6 million for procurement of Intelligent Munitions System (IMS) remote control units.

The committee notes that the low-rate initial production decision for the IMS remote control units has slipped to fiscal year 2012 due to technological challenges that emerged during development testing. Therefore, the committee does not believe that the amount requested is needed in fiscal year 2011.

The committee recommends no funds, a decrease of \$6.6 million, for IMS remote control units.

*Joint Tactical Radio System hand-held radios*

The budget request contained \$209.6 million for procurement of various models of Joint Tactical Radio System (JTRS) radios.

The committee supports the goals of the JTRS program. In particular, the committee supports the program's innovative acquisition model that seeks to maintain multiple vendors for each class of JTRS radios and annual competition throughout the life of the JTRS program. However, the committee notes that the JTRS small form factor "c" (SFF-C) radio, also referred to as a "rifleman radio," has been delayed for at least a year. In addition, the committee notes that the Army received \$25.3 million in fiscal year 2010 for more than 2,700 early-model SFF-C radios, which is more than enough for testing and initial low-rate production. Therefore, the committee believes that no procurement funds are needed in fiscal year 2011 for JTRS SFF-C radios.

The committee recommends \$199.4 million, a decrease of \$10.2 million, for JTRS radio procurement.

*Non-system training device program*

The budget request contained \$297.2 million to continue the non-system training device (NSTD) program, but included no funds to procure the following NSTD programs: Mine Resistant Ambush Protected Vehicle Virtual Trainers (MRAP-VVT) for the California National Guard, MRAP-VVTs for the Alabama National Guard, and Tabletop Trainers, Individual Gunnery Trainers (IGT) for the California National Guard.

The Army's NSTD program is an initiative used to introduce realistic and effective training devices into individual and unit training settings. The committee understands there is an emphasis on training military personnel in urban operations and asymmetric tactical situations similar to those being experienced by soldiers in Overseas Contingency Operations in the Republic of Iraq and the Islamic Republic of Afghanistan. The committee understands these devices provide capabilities that allow soldiers and units to train for tasks and missions that would be unsafe or too resource intensive to conduct with actual weapons, weapons systems, and/or ammunition. The committee supports this initiative and believes these programs could significantly improve soldier survivability and performance.

The committee recommends \$308.9 million for the NSTD program for a total increase of \$11.7 million, including: an increase of \$6.0 million for MRAP-VVTs for the California National Guard, \$5.0 million for MRAP-VVTs for the Alabama National Guard, and \$0.7 million for Tabletop Trainers, IGTs for the California National Guard.

*Warfighter Information Network—Tactical Increment 2*

The budget request contained \$421.8 million for procurement of Warfighter Information Network—Tactical (WIN-T) equipment.

The committee supports the Army's WIN-T program and understands that it is a critical element of the Army's overall effort to provide advanced networking capabilities in its tactical formations. The committee notes that the three increments of the WIN-T program are now programs of record that conform to Department of Defense acquisition policies, and therefore believes that adequate oversight mechanisms are in place to ensure proper testing of WIN-T equipment. However, the committee notes that WIN-T Increment 2 received only partial approval for low-rate initial produc-

tion, and that as a result execution of funds already provided will be slower than planned.

The committee recommends \$396.8 million, a decrease of \$25.0 million, for WIN-T equipment procurement.

#### JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

##### Overview

The budget request for fiscal year 2011 contained \$215.9 million for the Joint Improvised Explosive Device Defeat Fund. The committee recommends a transfer of this funding to title XV of this Act.

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>JOINT IMPR EXPLOSIVE DEV DEFEAT FUND</b>							
<b>NETWORK ATTACK</b>							
001	ATTACK THE NETWORK	0	0	0	0	0	0
<b>JIEDDO DEVICE DEFEAT</b>							
002	DEFEAT THE DEVICE	0	0	0	0	0	0
<b>FORCE TRAINING</b>							
003	TRAIN THE FORCE	0	0	0	0	0	0
<b>STAFF AND INFRASTRUCTURE</b>							
004	OPERATIONS	0	215,868		-215,868	0	0
	Transfer to Title XV				[-215,868]		
	<b>TOTAL, JOINT IMPR EXPLOSIVE DEV DEFEAT FUND</b>	<b>0</b>	<b>215,868</b>		<b>-215,868</b>	<b>0</b>	<b>0</b>

## Items of Special Interest

*Joint counter remote control improvised explosive device electronic warfare*

The committee is aware that there are several thousand military vehicles in Operation Enduring Freedom and Operation Iraqi Freedom that are equipped with legacy counter remote control improvised explosive device electronic warfare (CREW) systems. The committee has continually urged the Secretary of Defense to expeditiously upgrade or replace these legacy CREW systems. The committee understands the future joint-counter remote control improvised explosive device electronic warfare (JCREW) program of record for the military services is the JCREW 3.3 system and this system is expected to be fielded in fiscal year 2012. The committee notes both the Army and the Marine Corps will attempt to continue to upgrade their legacy systems to keep pace with threats until JCREW 3.3 becomes available.

The committee is aware the single manager for JCREW, who is a flag grade officer designated by the Secretary of the Navy, the Department of Defense Executive Agent for the program, is responsible for improving the efficiency and economy of future ground-based CREW technology development, and for eliminating duplication and overlap of effort. The military services are required to follow the single manager's guidance for integrating, fielding, and replacing CREW systems.

The committee believes the individual military services should assume a greater amount of responsibility related to providing joint acquisition goals, objectives, and execution of the JCREW program office rather than relying solely on Department of Navy budgets and Overseas Contingency Operations funds via the Joint Improvised Explosive Device Defeat Organization. This funding instability discourages continued investment in current and future CREW technology, could potentially reduce or eliminate surge capability necessary to respond to other contingencies; and inhibits the development of affordable joint solutions. The committee encourages the military services to ensure inputs to the Department of Defense program objective memorandum to enable the JCREW joint program office to continue the development and acquisition of joint CREW systems.

The committee directs the Secretary of Defense to submit a report to the congressional defense committees, within 120 days after the date of enactment of this Act, outlining forecast requirements for armed forces sustainment of CREW legacy systems and future CREW system requirements.

## AIRCRAFT PROCUREMENT, NAVY

## Overview

The budget request for fiscal year 2011 contained \$18.5 billion for Aircraft Procurement, Navy. The committee recommends authorization of \$19.1 billion, an increase of \$624.0 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Aircraft Procurement, Navy program are identified in the table below.

Major changes to the Navy request are discussed following the table.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>AIRCRAFT PROCUREMENT, NAVY</b>							
<b>COMBAT AIRCRAFT</b>							
001	EA-18G	12	1,028,801			12	1,028,801
002	ADVANCE PROCUREMENT (CY)	0	55,081			0	55,081
003	F/A-18E/F (FIGHTER) HORNET	22	1,784,894	8	500,000	30	2,284,894
	Excess to MYP III Funding Needs				(-130,500)		
	Program Increase			(8)	(630,500)		
004	ADVANCE PROCUREMENT (CY)	0	2,295			0	2,295
005	JOINT STRIKE FIGHTER CV	7	1,667,093			7	1,667,093
006	ADVANCE PROCUREMENT (CY)	0	219,895			0	219,895
007	JF STOVL	13	2,289,816			13	2,289,816
008	ADVANCE PROCUREMENT (CY)	0	286,326			0	286,326
009	V-22 (MEDIUM LIFT)	30	2,121,036			30	2,121,036
010	ADVANCE PROCUREMENT (CY)	0	81,875			0	81,875
011	UH-1Y/AH-1Z	28	738,709			28	738,709
012	ADVANCE PROCUREMENT (CY)	0	69,360			0	69,360
013	MH-60S (MYP)	18	478,591			18	478,591
014	ADVANCE PROCUREMENT (CY)	0	70,080			0	70,080
015	MH-60R	24	897,933			24	897,933
016	ADVANCE PROCUREMENT (CY)	0	162,006			0	162,006
017	P-8A POSEIDON	7	1,824,437			7	1,824,437
018	ADVANCE PROCUREMENT (CY)	0	166,153			0	166,153
019	E-2D ADV HAWKEYE	4	819,184			4	819,184
020	ADVANCE PROCUREMENT (CY)	0	118,619			0	118,619
<b>AIRLIFT AIRCRAFT</b>							
021	C-40A	0	0			0	0

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>TRAINER AIRCRAFT</b>							
022	JPATS	38	266,065			38-	266,065
<b>OTHER AIRCRAFT</b>							
023	KC-130J	0	0			0	0
024	ADVANCE PROCUREMENT (CY)	0	0			0	0
025	RQ-7 UAV	0	0			0	0
026	MQ-8 UAV	3	47,484			3	47,484
027	STUASLO UAV	18	23,912			18	23,912
028	OTHER SUPPORT AIRCRAFT	0	0			3	33,000
	UC-12W Aircraft			[3]	[33,000]		
<b>MODIFICATION OF AIRCRAFT</b>							
029	EA-6 SERIES	0	14,891	2	56,000	2	70,891
	UC-35ER Aircraft			[2]	[56,000]		
030	AEA SYSTEMS	0	33,772			0	33,772
031	AV-8 SERIES	0	19,386			0	19,386
032	F-18 SERIES	0	492,821			0	492,821
033	H-46 SERIES	0	17,685			0	17,685
034	AH-1W SERIES	0	11,011			0	11,011
035	H-53 SERIES	0	25,871			0	60,871
	CH-53 Reliability Improvements				35,000		
					[35,000]		
036	SH-60 SERIES	0	67,779			0	67,779
037	H-1 SERIES	0	3,060			0	3,060
038	EP-3 SERIES	0	90,323			0	90,323
039	P-3 SERIES	0	221,982			0	221,982
040	E-2 SERIES	0	47,046			0	47,046
041	TRAINER A/C SERIES	0	23,999			0	23,999

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
042	C-2A	0	16,020			0	16,020
043	C-130 SERIES	0	17,839			0	17,839
044	FEWSG	0	21,928			0	21,928
045	CARGO/TRANSPORT A/C SERIES	0	16,092			0	16,092
046	E-6 SERIES	0	149,164			0	149,164
047	EXECUTIVE HELICOPTERS SERIES	0	43,443			0	43,443
048	SPECIAL PROJECT AIRCRAFT	0	14,679			0	14,679
049	T-45 SERIES	0	61,515			0	61,515
050	POWER PLANT CHANGES	0	19,948			0	19,948
051	JPATS SERIES	0	1,831			0	1,831
052	AVIATION LIFE SUPPORT MODS	0	8,084			0	8,084
053	COMMON ECM EQUIPMENT	0	21,947			0	21,947
054	COMMON AVIONICS CHANGES	0	101,120			0	101,120
055	COMMON DEFENSIVE WEAPON SYSTEM	0	0			0	0
056	ID SYSTEMS	0	20,397			0	20,397
057	RQ-7 SERIES	0	18,121			0	18,121
058	V-22 (TILT/ROTOR ACFT) OSPREY	0	21,985			0	21,985
059	AIRCRAFT SPARES AND REPAIR PARTS						
059	SPARES AND REPAIR PARTS						
060	AIRCRAFT SUPPORT EQUIP & FACILITIES	0	1,244,673			0	1,244,673
060	COMMON GROUND EQUIPMENT	0	322,063			0	322,063
061	AIRCRAFT INDUSTRIAL FACILITIES	0	17,998			0	17,998
062	WAR CONSUMABLES	0	25,248			0	25,248
063	OTHER PRODUCTION CHARGES	0	7,579			0	7,579
064	SPECIAL SUPPORT EQUIPMENT	0	45,916			0	45,916
065	FIRST DESTINATION TRANSPORTATION	0	1,752			0	1,752
066	CANCELLED ACCOUNT ADJUSTMENTS	0	0			0	0

**Title I - Procurement**

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
	TOTAL, AIRCRAFT PROCUREMENT, NAVY	224	18,508,613	13	624,000	237	19,132,613

## Items of Special Interest

*Department of Navy tactical aircraft inventory*

The budget request contained \$1.8 billion for the procurement of 22 F/A-18E/F Super Hornet strike-fighters.

The committee is concerned by the manner in which the Navy and the Marine Corps are managing and accepting an unprecedented level of operational risk within the Department of the Navy tactical aircraft force structure while waiting for the F-35B and F-35C to complete development, testing, and fielding. The committee does not expect that the Navy and Marine Corps will be able to fully meet future operational strike-fighter requirements of any combatant commander if the tactical aircraft inventory management plan remains unchanged. The committee remains concerned with five areas of the Navy and Marine Corps tactical aircraft portfolio: (1) strike-fighter inventory requirements and estimated shortfalls; (2) sustainment and viability of the strike-fighter legacy fleet; (3) courses of action that are being implemented, resulting in unprecedented levels of operational risk; (4) F-35B and F-35C affordability; and, (5) closure of the F/A-18E/F production line.

The committee is disappointed with the manner in which officials of the Department of the Navy have conveyed strike-fighter inventory requirements and estimated shortfalls over the past several years. The committee notes that the validated strike-fighter inventory requirement is 1,240 aircraft, but currently the Navy is using the current operational demand figure of 1,154 aircraft as its baseline for projections of future shortfalls. This is an inaccurate depiction of the actual shortfall of tactical fighters in the inventory, and the Navy and Marine Corps strike-fighter shortfall mitigation strategies are either optimistic or not credible since the mitigation strategies are not funded.

Elsewhere in this report, the committee describes the ongoing development problems with the F-35 series Joint Strike Fighter (JSF) and notes that the JSF is significantly delayed, well over cost projections, and not likely to arrive in the Navy-Marine Corps inventories in sufficient numbers to offset the pending retirements of F/A-18 series and AV-8B aircraft. The committee estimates that by fiscal year 2017 the Navy-Marine Corps inventory could easily be 250 aircraft short of requirements, or the equivalent of 5 carrier air wings. This is an unacceptable outcome and the committee will not support future budget requests that fail to address the factual realities of a naval strike-fighter shortfall. Absent a complete reversal of development and production performance in the JSF program, the committee expects future budget submissions to extend the production of the F/A-18E/F series aircraft to prevent U.S. naval airpower from losing significance in the nation's arsenal. Although the Marine Corps chose not to recapitalize its current fleet of fixed-wing F/A-18A/D aircraft with F/A-18E/F aircraft, the committee believes that procuring F/A-18E/F aircraft should be considered as a means in resolving the Marine Corps' inevitable strike-fighter inventory shortfall.

The committee recommends an increase of \$500.0 million, which when combined with \$130.5 million excess funding as a result of the third multiyear procurement, shall be available for the procure-

ment of an additional eight F/A-18E/F Super Hornet strike-fighters.

*UH-1Y/AH-1Z rotorcraft upgrade program*

The budget request contained \$896.6 million for the procurement of 31 UH-1Y and AH-1Z rotorcraft.

The committee understands that the advance procurement funding appropriated in fiscal year 2010 only supports the procurement of 28 aircraft in fiscal year 2011. The Marine Corps has informed the committee that the UH-1Y and AH-1Z prime contractor plans to provide internal advance procurement funding, at the risk of the contractor, to support the procurement of 31 aircraft in fiscal year 2011. The committee understands the funding which the contractor intends to use for advance procurement was originally intended to be applied towards cost-reduction initiatives to lower the unit recurring flyaway cost of the rotorcraft.

The committee is concerned that the Marine Corps' budget request is shortsighted in applying the contractor's funds towards advance procurement for only three additional aircraft instead of towards already pre-planned cost-reduction initiatives. Applying these funds towards cost-reduction initiatives would provide a larger return on investment by decreasing the overall cost of the rotorcraft across the life of the program, and in turn, could bolster the committee's future support regarding any future multi-year procurement contract authority request from the Marine Corps.

Therefore, the committee strongly encourages the Secretary of the Navy to reevaluate the business case for using the contractor's funds in fiscal year 2011 for procurement of only three additional rotorcraft vice the long-term benefits gained in using these funds for cost-reduction initiatives.

## WEAPONS PROCUREMENT, NAVY

### Overview

The budget request for fiscal year 2011 contained \$3.4 billion for Weapons Procurement, Navy. The committee recommends authorization of \$3.4 billion, a decrease of \$8.9 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Weapons Procurement, Navy program are identified in the table below. Major changes to the Navy request are discussed following the table.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
	<b>WEAPONS PROCUREMENT, NAVY</b>						
	<b>MODIFICATION OF MISSILES</b>						
001	TRIDENT II MODS	24	1,106,911			24	1,106,911
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>						
002	MISSILE INDUSTRIAL FACILITIES	0	3,446			0	3,446
	<b>STRATEGIC MISSILES</b>						
003	TOMAHAWK	196	300,178			196	300,178
	<b>TACTICAL MISSILES</b>						
004	AMRAAM	101	155,553			101	155,553
005	SIDEWINDER	146	52,293			146	52,293
006	J50W	333	131,141			333	131,141
007	STANDARD MISSILE	67	295,922			67	295,922
008	RAM	90	74,976			90	74,976
009	HELLFIRE	575	43,495			575	43,495
010	AERIAL TARGETS	0	43,988			0	43,988
011	OTHER MISSILE SUPPORT	0	3,981			0	3,981
	<b>MODIFICATION OF MISSILES</b>						
012	ESSM	33	48,152			33	48,152
013	HARM MODS	0	53,543			0	53,543
014	STANDARD MISSILES MODS	0	61,896			0	61,896
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>						
015	WEAPONS INDUSTRIAL FACILITIES	0	3,281			0	3,281
016	FLEET SATELLITE COMM FOLLOW-ON	1	505,734			1	505,734
017	ADVANCE PROCUREMENT (CY)	0	0			0	0
	<b>ORDNANCE SUPPORT EQUIPMENT</b>						
018	ORDNANCE SUPPORT EQUIPMENT	0	52,152			0	52,152
	<b>TORPEDOES AND RELATED EQUIP</b>						

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
019	ASW TARGETS	0	10,123			0	10,123
<b>MOD OF TORPEDOES AND RELATED EQUIP</b>							
020	MK-54 TORPEDO MODS	0	42,144			0	42,144
021	MK-48 TORPEDO ADCAP MODS	0	43,559			0	43,559
022	QUICKSTRIKE MINE	0	6,090			0	6,090
<b>SUPPORT EQUIPMENT</b>							
023	TORPEDO SUPPORT EQUIPMENT	0	43,766			0	43,766
024	ASW RANGE SUPPORT	0	9,557			0	9,557
<b>DESTINATION TRANSPORTATION</b>							
025	FIRST DESTINATION TRANSPORTATION	0	3,494			0	3,494
<b>GUNS AND GUN MOUNTS</b>							
026	SMALL ARMS AND WEAPONS	0	14,316			0	14,316
<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>							
027	CIWS MODS	0	41,408			0	41,408
028	COAST GUARD WEAPONS	0	20,657			0	20,657
029	GUN MOUNT MODS	0	43,991			0	43,991
030	LCS MODULE WEAPONS	0	9,808			0	908
	NLOS-LS program termination				[-8,900]		
031	CRUISER MODERNIZATION WEAPONS	0	52,426			0	52,426
032	AIRBORNE MINE NEUTRALIZATION SYSTEMS	0	23,007			0	23,007
<b>OTHER</b>							
033	MARINE CORPS TACTICAL UNMANNED AERIAL SYSTEM	0	0			0	0
034	CANCELLED ACCOUNT ADJUSTMENTS	0	0			0	0
<b>SPARES AND REPAIR PARTS</b>							
035	SPARES AND REPAIR PARTS	0	58,806			0	58,806
	<b>TOTAL, WEAPONS PROCUREMENT, NAVY</b>	<b>1,566</b>	<b>3,359,794</b>		<b>-8,900</b>	<b>1,566</b>	<b>3,350,894</b>

## Items of Special Interest

*Littoral Combat Ship Module weapons*

The budget request contained \$9.8 million for Littoral Combat Ship (LCS) Module Weapons, of which \$8.9 million was requested for procurement of 45 non-line-of-sight launch system (NLOS-LS) missiles.

The committee notes that the Army has terminated the NLOS-LS program, and even if it is continued by the Navy, an additional year of development work will be required. As a result, the committee does not agree with Navy procurement funding for NLOS-LS in fiscal year 2011. In title II of this report, the committee recommends an increase in Navy research and development funding to support continued development work for the NLOS-LS program if the Navy determines that is in the best interest of the LCS program.

The committee recommends \$0.9 million, a decrease of \$8.9 million, for LCS Module weapons.

## PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

## Overview

The budget request for fiscal year 2011 contained \$818.0 million for Procurement of Ammunition, Navy and Marine Corps. The committee recommends authorization of \$818.0 million, no change in the budget request, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Procurement of Ammunition, Navy and Marine Corps program are identified in the table below.

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>							
<b>NAVY AMMUNITION</b>							
001	GENERAL PURPOSE BOMBS	0	80,028	0	0	0	80,028
002	JDAM	0	0	0	0	0	0
003	AIRBORNE ROCKETS, ALL TYPES	0	38,721	0	0	0	38,721
004	MACHINE GUN AMMUNITION	0	21,003	0	0	0	21,003
005	PRACTICE BOMBS	0	33,666	0	0	0	33,666
006	CARTRIDGES & CART ACTUATED DEVICES	0	53,667	0	0	0	53,667
007	AIR EXPENDABLE COUNTERMEASURES	0	59,626	0	0	0	59,626
008	JATOS	0	2,869	0	0	0	2,869
009	5 INCH/54 GUN AMMUNITION	0	34,492	0	0	0	34,492
010	INTERMEDIATE CALIBER GUN AMMUNITION	0	37,234	0	0	0	37,234
011	OTHER SHIP GUN AMMUNITION	0	36,275	0	0	0	36,275
012	SMALL ARMS & LANDING PARTY AMMO	0	46,192	0	0	0	46,192
013	PYROTECHNIC AND DEMOLITION	0	11,310	0	0	0	11,310
014	AMMUNITION LESS THAN \$5 MILLION	0	4,105	0	0	0	4,105
<b>MARINE CORPS AMMUNITION</b>							
015	SMALL ARMS AMMUNITION	0	64,839	0	0	0	64,839
016	LINEAR CHARGES, ALL TYPES	0	15,329	0	0	0	15,329
017	40 MM, ALL TYPES	0	62,835	0	0	0	62,835
018	60MM, ALL TYPES	0	17,877	0	0	0	17,877
019	81MM, ALL TYPES	0	41,053	0	0	0	41,053
020	120MM, ALL TYPES	0	6,458	0	0	0	6,458
021	CTG 25MM, ALL TYPES	0	2,937	0	0	0	2,937
022	GRENADES, ALL TYPES	0	9,298	0	0	0	9,298
023	ROCKETS, ALL TYPES	0	13,995	0	0	0	13,995
024	ARTILLERY, ALL TYPES	0	70,423	0	0	0	70,423

**Title I - Procurement**

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
025	DEMOLITION MUNITIONS, ALL TYPES	0	19,464			0	19,464
026	FUZE, ALL TYPES	0	18,032			0	18,032
027	NON LETHALS	0	3,009			0	3,009
028	AMMO MODERNIZATION	0	8,985			0	8,985
029	ITEMS LESS THAN \$5 MILLION	0	4,269			0	4,269
	<b>TOTAL, PROCUREMENT OF AMMO, NAVY &amp; MC</b>	<b>0</b>	<b>817,991</b>			<b>0</b>	<b>817,991</b>

## SHIPBUILDING AND CONVERSION, NAVY

## Overview

The budget request for fiscal year 2011 contained \$15.7 billion for Shipbuilding and Conversion, Navy. The committee recommends authorization of \$15.7 billion, no change in the budget request, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Shipbuilding and Conversion, Navy program are identified in the table below. Major changes to the Navy request are discussed following the table.

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>SHIPBUILDING &amp; CONVERSION, NAVY</b>							
<b>OTHER WARSHIPS</b>							
001	CARRIER REPLACEMENT PROGRAM	0	1,731,256			0	1,731,256
002	ADVANCE PROCUREMENT (CY)	0	908,313			0	908,313
003	VIRGINIA CLASS SUBMARINE	2	3,441,452			2	3,441,452
004	ADVANCE PROCUREMENT (CY)	0	1,691,236			0	1,691,236
005	CVN REFUELING OVERHAULS	0	1,255,799			0	1,255,799
006	ADVANCE PROCUREMENT (CY)	0	408,037			0	408,037
007	SSBN ERO	0	0			0	0
008	ADVANCE PROCUREMENT (CY)	0	0			0	0
009	DDG 1000	0	186,312			0	186,312
010	DDG-51	2	2,922,190			2	2,922,190
011	ADVANCE PROCUREMENT (CY)	0	47,984			0	47,984
012	LITTORAL COMBAT SHIP	2	1,230,984			2	1,230,984
013	ADVANCE PROCUREMENT (CY)	0	278,351			0	278,351
<b>AMPHIBIOUS SHIPS</b>							
014	LPD-17	0	0			0	0
015	ADVANCE PROCUREMENT (CY)	0	0			0	0
016	LHA REPLACEMENT	1	949,897			1	949,897
017	ADVANCE PROCUREMENT (CY)	0	0			0	0
018	INTRATHEATER CONNECTOR	1	180,703			1	180,703
<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>							
019	OCEANOGRAPHIC SHIPS	1	88,561			1	88,561
020	OUTFITTING	0	306,640			0	306,640
021	SERVICE CRAFT	0	13,770			0	13,770
022	LCAC SLEP	4	83,035			4	83,035
023	CANCELLED ACCOUNT ADJUSTMENTS	0	0			0	0

**Title I - Procurement**

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
	TOTAL, SHIPBUILDING & CONVERSION, NAVY	13	15,724,520			13	15,724,520

## Items of Special Interest

*U.S. Navy shipbuilding*

The budget request contained \$15.7 billion in Shipbuilding and Conversion, Navy and \$380.0 million in title XIV of this Act for the construction of nine Navy vessels. The budget request also included the fourth and final incremental funding authorization for construction of the aircraft carrier USS Gerald R. Ford (CVN 78); funding for advance procurement necessary for the construction of vessels to be authorized in future fiscal years; and incremental funding for the complex refueling overhaul of the aircraft carrier USS Theodore Roosevelt (CVN 71).

The committee notes that the Long-Range Plan for the Construction of Naval Vessels, known as the 30-year shipbuilding plan, submitted in accordance with section 231 of title 10, United States Code, proposes an average of 10 new vessels per year during the 5-year period of the Future Years Defense Plan (FYDP). While this is a positive step in shipbuilding procurement, the total number of battle force vessels remains essentially constant during the FYDP due to the high rate of ship retirements planned during the period. Only after the FYDP, do the battle force levels begin to increase in real terms and the stated goal of a 313-ship Navy is not achieved until fiscal year 2018. The committee further notes that a short term solution to the stagnant number of battle force ships through the FYDP is to delay retirement of vessels with useful service life and that a planned approach to retire no more ships in any one fiscal year than are being delivered to the Navy would accomplish this goal.

*Aircraft carriers*

The committee is concerned that the decision by the Secretary of Defense in April 2009, prior to the completion of the congressionally mandated analysis of the Quadrennial Defense Review, to shift aircraft carrier construction to five-year centers for the stated purpose of “a more fiscally sustainable path” was shortsighted. The committee has recently learned via receipt of Department of Defense Selected Acquisition Reports that the cost to construct the next three Ford-class aircraft carriers is likely to increase by up to \$4.0 billion because of the change in construction centers. The committee notes that the current 30-year shipbuilding plan would not maintain a force of 11 operational aircraft carriers past fiscal year 2040 and therefore does not conform to the requirement in section 5062b of title 10, United States Code, to maintain an operational fleet of 11 aircraft carriers.

The committee expects that subsequent plans will conform to current law, or the Secretary of the Navy will request a change to statute commensurate with detailed analysis of the effect a reduction to 10 operational aircraft carriers will have on the national military strategy. In title I of this Act, the committee directs the Secretary of Defense to phase the construction of aircraft carriers to minimize the total cost for procurement of the vessels.

*DDG 51 class destroyer*

The committee is pleased with the effort by the Navy to undertake a comprehensive analysis of the radar and hull alternatives

needed for a future sea-based ballistic missile defense (BMD) platform. The analysis has determined that the proposed Air and Missile Defense Radar (AMDR) system matched to a DDG 51 class destroyer hull is the most cost-effective method of fielding a new generation of sea-based BMD. The committee notes that this new radar development program will leverage existing technologies of both the DDG 1000 class destroyer program and the DDG 51 class destroyer program. The committee understands that the AMDR system is not likely to reach full development for a number of years and that a funding authorization request for the first ship will not occur until fiscal year 2016. In the meantime, the committee understands that the Navy's plan is to continue the restart of the DDG 51 production line begun last year using a procurement strategy of three ships every two years in a "2-1-2-1" build plan. The committee has significant concerns whether such an acquisition strategy can sustain a competitive relationship between the two current surface warfare construction yards.

#### *DDG 1000 class destroyer*

The committee is concerned with the Nunn-McCurdy cost breach incurred by the DDG 1000 destroyer program. The committee understands that the current cost breach was caused by costs associated with research and development efforts charged against only three vessels vice the original seven.

The committee notes that this cost threshold breach was known by the Navy far in advance of the receipt of notification required by law. The committee was informed that official notification of the cost breach was not technically required until after submission of the budget request for fiscal year 2011, as the budget request was the official truncation of the class to three vessels. This argument is disingenuous in that both the Secretary of Defense and the Secretary of the Navy made public statements and transmitted official correspondence to the committee that the program would be truncated to three vessels as early as mid-2008.

However, regardless of how the Navy has arrived at this juncture, the fact remains that one vessel is currently under construction and significant materiel orders have been made for the second. The committee is also keenly aware of the industrial base consequences of a decision by the Secretary of Defense to terminate the program.

#### *Littoral Combat Ship*

The Littoral Combat Ship program has failed its initial intent to build inexpensive ships with modular capability and field them to the fleet at a high rate. None of those goals have been met. The ships are expensive; the modular capability has not been tested or verified; and in some cases is still undergoing development; and only two of the ships have been delivered to the Navy.

Last year, the committee supported the request of the Secretary of the Navy and the Chief of Naval Operations to revamp the acquisition strategy for these vessels and to down-select to one variant of the ship with the award of the fiscal year 2010 two-ship authorization. The new acquisition strategy is aimed at reducing overall costs by procuring 10 ships in the Future Years Defense Plan using a fixed price incentive contract in fiscal year 2010 with

priced options for 8 additional ships, 2 per year, in fiscal years 2011–15. In addition, the government would gain all rights to the technical data package required to compete the winning design to a second source shipyard which would build 5 additional ships, for a total of 15 ships, between fiscal years 2012 and 2015. The committee supported this plan as the best alternative to provide needed capability to the fleet in the shortest time possible, at the least cost. The plan was also proposed to the committee as the best way to divorce the prime contractors from the program and to transition the ship's installed combat systems to government furnished equipment that complimented equipment currently in use in the fleet.

As of this report, the Navy has received the proposals from the two authorized competitors and is in the process of source selection leading to contract award. The committee is cautiously optimistic that, with a down-select to one variant and stability in the construction schedule, this troubled program can begin to fulfill its original purpose of providing capable ships, in quantity, at an affordable cost.

#### *Maritime Landing Platform*

The Maritime Landing Platform (MLP), as originally briefed to Congress was to be a part of the larger Maritime Prepositioning Force (Future) (MPF(F)) which would provide the capability of a sea-base when conducting both high-end combat operations or humanitarian operations where access to port facilities was not available.

The budget request has abandoned the previous MPF(F) concept in favor of a smaller prepositioning force for use in low-threat environments. Likewise, the MLP vessel itself, funded at a level of \$120.0 million in fiscal year 2010, has been changed to a smaller vessel than the one proposed to and authorized by Congress last year, which will provide only incremental operational capability from the original design. These changes to the future capability of the amphibious force were made without notification or consultation with the committee, and appear to be driven purely from budgetary pressure and not from a well defined capabilities analysis. In addition, the current plan to build three MLP vessels, in fiscal years 2011, 2013, and 2015, is inefficient. The proposed MLP vessel is a modified design of a previously built commercial product tanker and can easily be supported by the shipyard chosen for construction at a rate of one per year. The committee expects the budget request for fiscal year 2012 to reset the construction centers for the remaining MLP vessels to fiscal years 2012 and 2013.

#### *Ohio-class replacement program*

The committee strongly supports a robust sea-based strategic deterrent force. The current 14 ships of the Ohio-class ballistic missile submarines are a national treasure and have helped keep the nation safe for over two decades. Like the ballistic missile submarine classes that preceded them, a percentage of these vessels remain in an alert posture, at sea, invulnerable to attack by potential enemies, ready to retaliate should the nation be attacked. The committee supports efforts to retain this capability into the future.

However, the committee has questions concerning the current program to replace the Ohio-class ships. First, the basic require-

ment of how much and what type of deterrent capability is sufficient for the national military strategy has not been communicated to the committee. Second, the committee has not been afforded the opportunity to review the analysis of alternatives conducted by the Navy, which determined that a submarine large enough to support the Trident II D5 missile weapons system is the preferred vessel to continue deterrent capability. Third, the committee has concerns that the decision to proceed with a submarine program of similar size as the Ohio-class ships was made prior to the analysis of alternatives, and that a potential use of a modified Virginia-class submarine, in production today, was discounted in favor of maintaining the Trident II D5 weapons system. Because of these concerns, elsewhere in this Act the committee will authorize, but withhold authority to obligate more than 50 percent of the funds requested for development of this program until the Secretary of Defense certifies to the committee of the necessity to continue sea-based deterrence with the Trident II D5 weapons system.

*U.S. shipbuilding industrial base*

The committee has reservations as to the continued health of the shipbuilding industrial base and its ability to remain viable in its current form. The shipbuilding industrial base currently serving the needs of Navy and the nation is a legacy from the cold war when the size of the Navy fleet, and the construction required to maintain that fleet, was significantly higher than today. The committee is concerned that the relatively low orders for new ships as proposed in the 30-year shipbuilding plan are not sufficient to maintain all shipyards currently constructing naval vessels. This is a very difficult situation for the Navy since reducing the number of shipyards constructing vessels could have the unintended consequence of driving up cost due to limited or no competition for particular classes of ships, yet the current industrial base adds increased costs due to the significant overhead rates that must be charged to each vessel.

Perhaps even more significant than shipyard over-capacity for the current shipbuilding plan is the reduction in vendors willing to provide equipment and materiel necessary for the shipbuilding industry. Low orders coupled with significant government requirements for testing, traceability, and financial controls have driven many former suppliers out of the market altogether. The committee received testimony that the vendor supply base is currently 60 to 70 percent sole source. While this almost total lack of competition may be manageable in terms of maintaining the ability to construct vessels, it is not a condition that is bringing the best value to the taxpayer.

The committee understands that the Secretary of the Navy has embarked on a comprehensive review of the industrial base, including the supply base. The committee requests the Secretary of the Navy to inform the committee when the comprehensive review is complete and to make available to the committee those officials who participated in the review to testify before the committee at a hearing in open session aimed at oversight of this potential threat to national security.

## OTHER PROCUREMENT, NAVY

## Overview

The budget request for fiscal year 2011 contained \$6.5 billion for Other Procurement, Navy. The committee recommends authorization of \$6.5 billion, no change in the budget request, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Other Procurement, Navy program are identified in the table below. Major changes to the Navy request are discussed following the table.

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
	<b>OTHER PROCUREMENT, NAVY</b>						
	<b>SHIP PROPULSION EQUIPMENT</b>						
001	LM-2500 GAS TURBINE	0	12,137			0	12,137
002	ALLISON 501K GAS TURBINE	0	14,923			0	14,923
003	OTHER PROPULSION EQUIPMENT	0	0			0	0
	<b>NAVIGATION EQUIPMENT</b>						
004	OTHER NAVIGATION EQUIPMENT	0	23,167			0	23,167
	<b>PERISCOPES</b>						
005	SUB PERISCOPES & IMAGING EQUIP	0	85,619			0	85,619
	<b>OTHER SHIPBOARD EQUIPMENT</b>						
006	DDG MOD	0	296,691			0	296,691
007	FIREFIGHTING EQUIPMENT	0	11,974			0	11,974
008	COMMAND AND CONTROL SWITCHBOARD	0	3,962			0	3,962
009	POLLUTION CONTROL EQUIPMENT	0	25,614			0	25,614
010	SUBMARINE SUPPORT EQUIPMENT	0	7,730			0	7,730
011	VIRGINIA CLASS SUPPORT EQUIPMENT	0	132,039			0	132,039
012	SUBMARINE BATTERIES	0	44,057			0	44,057
013	STRATEGIC PLATFORM SUPPORT EQUIP	0	22,811			0	22,811
014	DSSP EQUIPMENT	0	3,869			0	3,869
015	CG MODERNIZATION	0	356,958			0	356,958
016	LCAC	0	9,142			0	9,142
017	MINESWEEPING EQUIPMENT	0	0			0	0
018	UNDERWATER EOD PROGRAMS	0	15,908			0	15,908
019	ITEMS LESS THAN \$5 MILLION	0	126,842			0	126,842
020	CHEMICAL WARFARE DETECTORS	0	7,470			0	7,470
021	SUBMARINE LIFE SUPPORT SYSTEM	0	13,016			0	13,016
	<b>REACTOR PLANT EQUIPMENT</b>						

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
022	REACTOR POWER UNITS	0	438,503	0	0	0	438,503
023	REACTOR COMPONENTS	0	266,469	0	0	0	266,469
	OCEAN ENGINEERING						
024	DIVING AND SALVAGE EQUIPMENT	0	10,227	0	0	0	10,227
	SMALL BOATS						
025	STANDARD BOATS	0	27,725	0	0	0	27,725
	TRAINING EQUIPMENT						
026	OTHER SHIPS TRAINING EQUIPMENT	0	16,094	0	0	0	16,094
	PRODUCTION FACILITIES EQUIPMENT						
027	OPERATING FORCES IPE	0	49,856	0	0	0	49,856
	OTHER SHIP SUPPORT						
028	NUCLEAR ALTERATIONS	0	116,829	0	0	0	116,829
029	LCS MODULES	0	82,951	0	0	0	82,951
	LOGISTIC SUPPORT						
030	LSD MIDLIFE	0	106,612	0	0	0	106,612
	SHIP RADARS						
031	RADAR SUPPORT	0	12,030	0	0	0	12,030
	SHIP SONARS						
032	SPQ-9B RADAR	0	8,887	0	0	0	8,887
033	AN/SQQ-89 SURF ASW COMBAT SYSTEM	0	87,219	0	0	0	87,219
034	SSN ACOUSTICS	0	237,015	0	0	0	237,015
035	UNDERSEA WARFARE SUPPORT EQUIPMENT	0	29,641	0	0	0	29,641
036	SONAR SWITCHES AND TRANSDUCERS	0	14,056	0	0	0	14,056
	ASW ELECTRONIC EQUIPMENT						
037	SUBMARINE ACOUSTIC WARFARE SYSTEM	0	20,739	0	0	0	20,739
038	SSTD	0	2,206	0	0	0	2,206
039	FIXED SURVEILLANCE SYSTEM	0	57,481	0	0	0	57,481

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
040	SURTASS	0	8,468			0	8,468
041	TACTICAL SUPPORT CENTER	0	18,586			0	18,586
<b>ELECTRONIC WARFARE EQUIPMENT</b>							
042	AN/SLO-32	0	49,677			0	49,677
<b>RECONNAISSANCE EQUIPMENT</b>							
043	SHIPBOARD IW EXPLOIT	0	105,624			0	105,624
044	AUTOMATED IDENTIFICATION SYSTEM (AIS)	0	1,299			0	1,299
<b>SUBMARINE SURVEILLANCE EQUIPMENT</b>							
045	SUBMARINE SUPPORT EQUIPMENT PROG	0	71,558			0	71,558
<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>							
046	COOPERATIVE ENGAGEMENT CAPABILITY	0	31,091			0	31,091
047	TRUSTED INFORMATION SYSTEM (TIS)	0	338			0	338
048	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	0	33,358			0	33,358
049	ATDLS	0	2,273			0	2,273
050	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	0	8,920			0	8,920
051	MINESWEEPING SYSTEM REPLACEMENT	0	81,441			0	81,441
052	SHALLOW WATER MCM	0	9,236			0	9,236
053	NAVSTAR GPS RECEIVERS (SPACE)	0	9,319			0	9,319
054	ARMED FORCES RADIO AND TV	0	3,328			0	3,328
055	STRATEGIC PLATFORM SUPPORT EQUIP	0	4,248			0	4,248
<b>TRAINING EQUIPMENT</b>							
056	OTHER TRAINING EQUIPMENT	0	29,061			0	29,061
<b>AVIATION ELECTRONIC EQUIPMENT</b>							
057	MATCALS	0	16,747			0	16,747
058	SHIPBOARD AIR TRAFFIC CONTROL	0	7,658			0	7,658
059	AUTOMATIC CARRIER LANDING SYSTEM	0	15,169			0	15,169
060	NATIONAL AIR SPACE SYSTEM	0	17,531			0	17,531

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
061	AIR STATION SUPPORT EQUIPMENT	0	6,851			0	6,851
062	MICROWAVE LANDING SYSTEM	0	8,551			0	8,551
063	ID SYSTEMS	0	29,572			0	29,572
064	TAC A/C MISSION PLANNING SYS(TAMPS)	0	9,098			0	9,098
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>						
065	DEPLOYABLE JOINT COMMAND AND CONT	0	8,542			0	8,542
066	TADIX-B	0	6,909			0	6,909
067	GCCS-M EQUIPMENT TACTICAL/MOBILE	0	9,832			0	9,832
068	DCGS-N	0	16,634			0	16,634
069	CANES	0	34,398			0	34,398
070	RADIAC	0	6,104			0	6,104
071	CANES-INTELL	0	10,432			0	10,432
072	GPETE	0	5,861			0	5,861
073	INTEG COMBAT SYSTEM TEST FACILITY	0	4,445			0	4,445
074	EMI CONTROL INSTRUMENTATION	0	4,737			0	4,737
075	ITEMS LESS THAN \$5 MILLION	0	51,048			0	51,048
	<b>SHIPBOARD COMMUNICATIONS</b>						
076	SHIPBOARD TACTICAL COMMUNICATIONS	0	0			0	0
077	PORTABLE RADIOS	0	0			0	0
078	SHIP COMMUNICATIONS AUTOMATION	0	260,551			0	260,551
079	MARITIME DOMAIN AWARENESS (MDA)	0	9,250			0	9,250
080	COMMUNICATIONS ITEMS UNDER \$5M	0	39,846			0	39,846
	<b>SUBMARINE COMMUNICATIONS</b>						
081	SUBMARINE BROADCAST SUPPORT	0	0			0	0
082	SUBMARINE COMMUNICATION EQUIPMENT	0	59,013			0	59,013
	<b>SATELLITE COMMUNICATIONS</b>						
083	SATELLITE COMMUNICATIONS SYSTEMS	0	28,665			0	28,665

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
084	NAVY MULTIBAND TERMINAL (NMT)	0	161,021			0	161,021
<b>SHORE COMMUNICATIONS</b>							
085	JCS COMMUNICATIONS EQUIPMENT	0	2,256			0	2,256
086	ELECTRICAL POWER SYSTEMS	0	1,309			0	1,309
087	NAVAL SHORE COMMUNICATIONS	0	3,422			0	3,422
<b>CRYPTOGRAPHIC EQUIPMENT</b>							
088	INFO SYSTEMS SECURITY PROGRAM (ISSP)	0	120,529			0	120,529
<b>CRYPTOLOGIC EQUIPMENT</b>							
089	CRYPTOLOGIC COMMUNICATIONS EQUIP	0	18,322			0	18,322
<b>OTHER ELECTRONIC SUPPORT</b>							
090	COAST GUARD EQUIPMENT	0	20,189			0	20,189
<b>DRUG INTERDICTION SUPPORT</b>							
091	OTHER DRUG INTERDICTION SUPPORT	0	0			0	0
<b>SONOBUOYS</b>							
092	SONOBUOYS - ALL TYPES	0	87,846			0	87,846
<b>AIRCRAFT SUPPORT EQUIPMENT</b>							
093	WEAPONS RANGE SUPPORT EQUIPMENT	0	51,742			0	51,742
094	EXPEDITIONARY AIRFIELDS	0	8,429			0	8,429
095	AIRCRAFT REARMING EQUIPMENT	0	11,134			0	11,134
096	AIRCRAFT LAUNCH & RECOVERY EQUIPMENT	0	37,063			0	37,063
097	METEOROLOGICAL EQUIPMENT	0	25,581			0	25,581
098	OTHER PHOTOGRAPHIC EQUIPMENT	0	1,573			0	1,573
099	AVIATION LIFE SUPPORT	0	40,696			0	40,696
100	AIRBORNE MINE COUNTERMEASURES	0	35,855			0	35,855
101	LAMPS MK III SHIPBOARD EQUIPMENT	0	20,662			0	20,662
102	PORTABLE ELECTRONIC MAINTENANCE AIDS	0	12,812			0	12,812
103	OTHER AVIATION SUPPORT EQUIPMENT	0	12,018			0	12,018

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>SHIP GUN SYSTEM EQUIPMENT</b>							
104	NAVAL FIRES CONTROL SYSTEM	0	1,086			0	1,086
105	GUN FIRE CONTROL EQUIPMENT	0	8,076			0	8,076
<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>							
106	NATO SEASPARROW	0	11,121			0	11,121
107	RAM GMLS	0	11,805			0	11,805
108	SHIP SELF DEFENSE SYSTEM	0	54,290			0	54,290
109	AEGIS SUPPORT EQUIPMENT	0	162,307			0	162,307
110	TOMAHAWK SUPPORT EQUIPMENT	0	88,698			0	88,698
111	VERTICAL LAUNCH SYSTEMS	0	5,698			0	5,698
<b>FBM SUPPORT EQUIPMENT</b>							
112	STRATEGIC MISSILE SYSTEMS EQUIP	0	184,034			0	184,034
<b>ASW SUPPORT EQUIPMENT</b>							
113	SSN COMBAT CONTROL SYSTEMS	0	88,004			0	88,004
114	SUBMARINE ASW SUPPORT EQUIPMENT	0	5,282			0	5,282
115	SURFACE ASW SUPPORT EQUIPMENT	0	8,323			0	8,323
116	ASW RANGE SUPPORT EQUIPMENT	0	7,121			0	7,121
<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>							
117	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	0	58,288			0	58,288
118	ITEMS LESS THAN \$5 MILLION	0	3,546			0	3,546
<b>OTHER EXPENDABLE ORDNANCE</b>							
119	ANTI-SHIP MISSILE DECOY SYSTEM	0	36,588			0	36,588
120	SURFACE TRAINING DEVICE MODS	0	7,337			0	7,337
121	SUBMARINE TRAINING DEVICE MODS	0	34,519			0	34,519
<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>							
122	PASSENGER CARRYING VEHICLES	0	3,719			0	3,719
123	GENERAL PURPOSE TRUCKS	0	584			0	584

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## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
124	CONSTRUCTION & MAINTENANCE EQUIP	0	13,935			0	13,935
125	FIRE FIGHTING EQUIPMENT	0	12,853			0	12,853
126	TACTICAL VEHICLES	0	31,741			0	31,741
127	AMPHIBIOUS EQUIPMENT	0	3,132			0	3,132
128	POLLUTION CONTROL EQUIPMENT	0	5,154			0	5,154
129	ITEMS UNDER \$5 MILLION	0	24,770			0	24,770
130	PHYSICAL SECURITY VEHICLES	0	1,128			0	1,128
	<b>SUPPLY SUPPORT EQUIPMENT</b>						
131	MATERIALS HANDLING EQUIPMENT	0	15,504			0	15,504
132	OTHER SUPPLY SUPPORT EQUIPMENT	0	6,655			0	6,655
133	FIRST DESTINATION TRANSPORTATION	0	6,315			0	6,315
134	SPECIAL PURPOSE SUPPLY SYSTEMS	0	66,549			0	66,549
	<b>TRAINING DEVICES</b>						
135	TRAINING SUPPORT EQUIPMENT	0	11,429			0	11,429
	<b>COMMAND SUPPORT EQUIPMENT</b>						
137	COMMAND SUPPORT EQUIPMENT	0	47,306			0	47,306
138	EDUCATION SUPPORT EQUIPMENT	0	2,067			0	2,067
139	MEDICAL SUPPORT EQUIPMENT	0	7,679			0	7,679
141	NAVAL MIP SUPPORT EQUIPMENT	0	1,433			0	1,433
143	OPERATING FORCES SUPPORT EQUIPMENT	0	12,754			0	12,754
144	C4ISR EQUIPMENT	0	5,317			0	5,317
145	ENVIRONMENTAL SUPPORT EQUIPMENT	0	20,033			0	20,033
146	PHYSICAL SECURITY EQUIPMENT	0	154,805			0	154,805
147	ENTERPRISE INFORMATION TECHNOLOGY	0	377,353			0	377,353
	<b>OTHER</b>						
148	CANCELLED ACCOUNT ADJUSTMENTS	0	0			0	0
	<b>CLASSIFIED PROGRAMS</b>						

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
148A	CLASSIFIED PROGRAMS	0	19,767			0	19,767
	SPARES AND REPAIR PARTS						
149	SPARES AND REPAIR PARTS	0	215,906			0	215,906
	TOTAL, OTHER PROCUREMENT, NAVY	0	6,450,208			0	6,450,208

## PROCUREMENT, MARINE CORPS

## Overview

The budget request for fiscal year 2011 contained \$1.3 billion Procurement, Marine Corps. The committee recommends authorization of \$1.4 billion, an increase of \$35.0 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Procurement, Marine Corps program are identified in the table below. Major changes to the Marine Corps request are discussed following the table.

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	Authorized Cost
<b>PROCUREMENT, MARINE CORPS</b>							
<b>TRACKED COMBAT VEHICLES</b>							
001	AAV7A1 PIP	0	7,749			0	7,749
002	LAV PIP	0	41,277			0	41,277
003	M1A1 FIREPOWER ENHANCEMENTS	0	0		55,000	0	55,000
	USMC M88A2 Unfunded Requirement				[55,000]		
<b>ARTILLERY AND OTHER WEAPONS</b>							
004	EXPEDITIONARY FIRE SUPPORT SYSTEM	10	9,723			10	9,723
005	155MM LIGHTWEIGHT TOWED HOWITZER	2	10,356			2	10,356
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	0	22,230			0	22,230
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	0	26,091			0	26,091
<b>WEAPONS</b>							
008	MODULAR WEAPON SYSTEM	0	0			0	0
<b>OTHER SUPPORT</b>							
009	MODIFICATION KITS	0	40,916			0	40,916
010	WEAPONS ENHANCEMENT PROGRAM	0	13,115			0	13,115
<b>GUIDED MISSILES</b>							
011	GROUND BASED AIR DEFENSE	0	5,175			0	5,175
012	JAVELIN	0	0			0	0
013	FOLLOW ON TO SMAW	0	21,570			0	21,570
014	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	0	20,315			0	20,315
<b>OTHER SUPPORT</b>							
015	MODIFICATION KITS	0	3,798			0	3,798
<b>COMMAND AND CONTROL SYSTEMS</b>							
016	UNIT OPERATIONS CENTER	0	10,776			0	10,776
<b>REPAIR AND TEST EQUIPMENT</b>							
017	REPAIR AND TEST EQUIPMENT	0	25,636			0	25,636

## Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>OTHER SUPPORT (TEL)</b>							
018	COMBAT SUPPORT SYSTEM	0	32,877			0	32,877
019	MODIFICATION KITS	0	0			0	0
<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>							
020	ITEMS UNDER \$5 MILLION (COMM & ELEC)	0	3,405			0	3,405
021	AIR OPERATIONS C2 SYSTEMS	0	67,568			0	67,568
<b>RADAR + EQUIPMENT (NON-TEL)</b>							
022	RADAR SYSTEMS	0	860			0	860
<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>							
023	FIRE SUPPORT SYSTEM	0	3,906			0	3,906
024	INTELLIGENCE SUPPORT EQUIPMENT	0	92,377			0	92,377
025	RQ-11 UAV	16	32,490			16	32,490
026	DCGS-MC	0	4,582			0	4,582
<b>OTHER COMM/ELEC EQUIPMENT (NON-TEL)</b>							
027	NIGHT VISION EQUIPMENT	0	0			0	0
<b>OTHER SUPPORT (NON-TEL)</b>							
028	COMMON COMPUTER RESOURCES	0	258,947			0	258,947
029	COMMAND POST SYSTEMS	0	33,021			0	33,021
030	RADIO SYSTEMS	0	40,551			0	26,451
	Marine Corps Joint Tactical Radio Systems				-14,100		
	WFNS-T Program Reduction				[-14,100]		
031	COMM SWITCHING & CONTROL SYSTEMS	0	32,279			0	22,279
	WFNS-T Program Reduction				[-10,000]		
032	COMM & ELEC INFRASTRUCTURE SUPPORT	0	15,278			0	15,278
<b>ADMINISTRATIVE VEHICLES</b>							
033	COMMERCIAL PASSENGER VEHICLES	0	1,157			0	1,157
034	COMMERCIAL CARGO VEHICLES	0	12,696			0	12,696
<b>TACTICAL VEHICLES</b>							

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
035	5/4T TRUCK HMMWV (MYP)	17	4,849			17	4,849
036	MOTOR TRANSPORT MODIFICATIONS	0	5,253			0	5,253
037	MEDIUM TACTICAL VEHICLE REPLACEMENT	0	11,721			0	11,721
038	LOGISTICS VEHICLE SYSTEM REP	550	133,827			550	133,827
039	FAMILY OF TACTICAL TRAILERS	0	19,156			0	19,156
040	TRAILERS	0	8,075			0	8,075
	<b>OTHER SUPPORT</b>						
041	ITEMS LESS THAN \$5 MILLION	0	6,016			0	6,016
	<b>ENGINEER AND OTHER EQUIPMENT</b>						
042	ENVIRONMENTAL CONTROL EQUIP ASSORT	0	5,110			0	5,110
043	BULK LIQUID EQUIPMENT	0	10,743			0	10,743
044	TACTICAL FUEL SYSTEMS	0	29,330		4,100	0	33,430
	Nitrile Rubber Collapsible Fuel Bladders				(4,100)		
045	POWER EQUIPMENT ASSORTED	0	19,419			0	19,419
046	AMPHIBIOUS SUPPORT EQUIPMENT	0	11,718			0	11,718
047	EOD SYSTEMS	0	64,093			0	64,093
	<b>MATERIALS HANDLING EQUIPMENT</b>						
048	PHYSICAL SECURITY EQUIPMENT	0	16,419			0	16,419
049	GARRISON MOBILE ENGINEER EQUIPMENT (GMEE)	0	10,976			0	10,976
050	MATERIAL HANDLING EQUIP	0	24,376			0	24,376
051	FIRST DESTINATION TRANSPORTATION	0	2,748			0	2,748
	<b>GENERAL PROPERTY</b>						
052	FIELD MEDICAL EQUIPMENT	0	6,722			0	6,722
053	TRAINING DEVICES	0	5,668			0	5,668
054	CONTAINER FAMILY	0	897			0	897
055	FAMILY OF CONSTRUCTION EQUIPMENT	0	18,261			0	18,261
056	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV)	0	0			0	0

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
057	BRIDGE BOATS	0	12,567			0	12,567
058	RAPID DEPLOYABLE KITCHEN OTHER SUPPORT	0	4,283			0	4,283
059	ITEMS LESS THAN \$5 MILLION SPARES AND REPAIR PARTS	0	7,572			0	7,572
060	SPARES AND REPAIR PARTS	0	13,524			0	13,524
	<b>TOTAL, PROCUREMENT, MARINE CORPS</b>	<b>595</b>	<b>1,344,044</b>		<b>35,000</b>	<b>595</b>	<b>1,379,044</b>

## Items of Special Interest

*Marine Corps communications switching and control systems*

The budget request contained \$32.3 million for Marine Corps communications switching and control systems. Of that amount, \$22.7 million was requested for Warfighter Network Services Tactical equipment.

The committee is concerned that the Marine Corps has been slow to execute on-hand funding from fiscal year 2009 and fiscal year 2010. In addition, the committee notes that \$10.5 million in additional funding for this equipment is authorized in title XV of this Act.

The committee recommends \$12.7 million, a decrease of \$10.0 million, for Warfighter Network Services Tactical equipment.

*Marine Corps joint tactical radio systems*

The budget request contained \$40.6 million for Marine Corps radio systems. Of that amount, \$20.5 million was requested for joint tactical radio system (JTRS) radios.

The committee continues to support the JTRS program. However, the committee notes that low-rate initial production of the two JTRS model radios requested by the Marine Corps in fiscal year 2011 may be delayed, and that the Marine Corps has other funds available to procure radios to meet near-term requirements.

The committee recommends \$6.4 million, a decrease of \$14.1 million, for Marine Corps procurement of JTRS radios.

*Marine Corps M88A2 recovery vehicles*

The budget request contained \$12.0 million for Marine Corps M88A2 recovery vehicle procurement.

The committee understands that the Marine Corps requirement for M88A2 vehicles has increased by 28 vehicles, and that the M88A2 recovery vehicle is seeing extensive use in Operation Enduring Freedom in support of Marine Corps operations. The committee also notes that the Marine Corps Unfunded Programs List for fiscal year 2011 includes \$55.0 million for 24 additional M88A2 vehicles.

The committee recommends \$67.0 million, an increase of \$55.0 million, in Marine Corps procurement for additional M88A2 recovery vehicles.

*Marine Corps small unmanned ground vehicles*

The budget request contained no funds for Marine Corps procurement of small ground robots for use by Marine Corps infantry forces.

The committee is concerned that despite the potential utility of such robots for infantry forces, the Marine Corps has no current plans to equip its forces with this capability. In particular, the committee believes that man-portable robots between 10–30 pounds may prove highly useful for Marine Corps infantry units in Operation Enduring Freedom. Therefore, the committee directs the Commandant of the Marine Corps to deliver, by March 1, 2011, a report to the congressional defense committees outlining the Marine Corps' plans for fielding small ground robots, including specific requirements, cost estimates, and deployment timelines.

## AIRCRAFT PROCUREMENT, AIR FORCE

## Overview

The budget request for fiscal year 2011 contained \$15.4 billion for Aircraft Procurement, Air Force. The committee recommends authorization of \$15.4 billion, a decrease of \$10.6 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Aircraft Procurement, Air Force program are identified in the table below. Major changes to the Air Force request are discussed following the table.

## Title I - Procurement (Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>							
<b>TACTICAL FORCES</b>							
001	F-35	22	3,729,242		29,700	22	3,758,942
	Transfer from APAF 043				[29,700]		
002	ADVANCE PROCUREMENT (CY)	0	257,000			0	257,000
003	F-22A	0	158,039			0	158,039
004	ADVANCE PROCUREMENT (CY)	0	0			0	0
<b>TACTICAL AIRLIFT</b>							
005	C-17A (MYP)	0	14,283		114,400	0	128,683
	Transfer from APAF 088				[114,400]		
<b>OTHER AIRLIFT</b>							
006	C-130J	8	463,267			8	463,267
007	ADVANCE PROCUREMENT (CY)	0	48,000			0	48,000
008	HC-130J	4	349,300			4	349,300
009	ADVANCE PROCUREMENT (CY)	0	10,000			0	10,000
010	MC-130J	5	467,465			5	467,465
011	ADVANCE PROCUREMENT (CY)	0	60,000			0	60,000
012	HC/MC-130 RECAP	0	0			0	0
013	ADVANCE PROCUREMENT (CY)	0	0			0	0
014	JOINT CARGO AIRCRAFT	8	351,200			8	351,200
<b>UPT TRAINERS</b>							
015	LIGHT MOBILITY AIRCRAFT	15	65,699			15	65,699
016	USAF POWERED FLIGHT PROGRAM	12	4,099			12	4,099
<b>OPERATIONAL TRAINERS</b>							
017	JPATS	0	0			0	0
<b>HELICOPTERS</b>							
018	ADVANCE PROCUREMENT (CY)	0	6,432			0	6,432

## Title I - Procurement (Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
019	V22 OSPREY	5	393,098			5	393,098
020	ADVANCE PROCUREMENT (CY)	0	13,621			0	13,621
<b>MISSION SUPPORT AIRCRAFT</b>							
021	C-29A FLIGHT INSPECTION ACFT	0	0			0	0
022	C-12 A	0	0			0	0
023	C-40	0	0			0	0
024	CIVIL AIR PATROL A/C	0	2,424			0	2,424
025	HH-60M OPERATIONAL LOSS REPLACEMENT	3	104,447			3	104,447
026	RQ-11	0	0			0	0
027	STUASLO	0	3,253			0	3,253
<b>OTHER AIRCRAFT</b>							
028	TARGET DRONES	9	85,505			9	85,505
029	C-37A	2	52,000			2	52,000
030	RQ-4 UAV	4	649,629			4	624,029
	Transfer to APAF 031				-25,600		
	Transfer from APAF 030				[25,600]		
031	ADVANCE PROCUREMENT (CY)	0	90,200			0	115,800
032	MC 130 IN BA 04	0	9,932			0	9,932
033	MQ-1	0	0			0	0
034	MQ-9	36	863,595			36	863,595
<b>STRATEGIC AIRCRAFT</b>							
035	B-2A	0	63,371			0	63,371
036	ADVANCE PROCUREMENT (CY)	0	0			0	0
037	B-18	0	200,090			0	200,090
038	B-52	0	69,074			0	69,074
<b>TACTICAL AIRCRAFT</b>							
039	A-10	0	165,361			0	165,361

**Title I - Procurement**

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
040	F-15	0	302,235			0	302,235
041	F-16	0	167,188		2,500	0	169,688
	F-16CM Center Pedestal Display				[2,500]		
042	F-22A	0	492,199			0	492,199
043	F-35 MODIFICATIONS Block 3 Retrofit	0	123,936		-116,300	0	7,636
	Transfer to APAF 001				[-86,600]		
					[-29,700]		
	<b>AIRLIFT AIRCRAFT</b>						
044	C-5	0	740,369			0	740,369
045	ADVANCE PROCUREMENT (CY)	0	166,900			0	166,900
046	C-9C	0	10			0	10
047	C-17A	0	351,614			0	351,614
048	C-21	0	339			0	339
049	C-32A	0	12,113			0	12,113
050	C-37A	0	12,162			0	12,162
	<b>TRAINER AIRCRAFT</b>						
051	GLIDER MODS	0	120			0	120
052	T-6	0	24,644			0	24,644
053	T-1	0	83			0	83
054	T-38	0	28,288			0	28,288
055	T-43	0	0			0	0
	<b>OTHER AIRCRAFT</b>						
056	KC-10A (ATCA)	0	13,777			0	13,777
057	C-12	0	7,645			0	7,645
058	MC-12W	0	10,826			0	10,826
059	C-20 MODS	0	736			0	736

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
060	VC-25A MOD	0	13,175	0	0	0	13,175
061	C-40	0	10,697	0	0	0	10,697
062	C-130	0	257,339		73,500	0	330,839
	NP-2000 Eight-Bladed Propeller System				[8,500]		
	Transfer from RDAF 220				[65,000]		
063	C-130 MODS INTEL	0	3,963	0	0	0	3,963
064	C130J MODS	0	80,205	0	0	0	80,205
065	C-135	0	44,228	0	0	0	44,228
066	COMPASS CALL MODS	0	176,558	0	0	0	176,558
067	DARP	0	105,540	0	0	0	105,540
068	E-3	0	195,163	0	0	0	195,163
069	E-4	0	37,526	0	0	0	37,526
070	E-8	0	188,504	0	-11,700	0	176,804
	Transfer to APAF 080				[-11,700]		
071	H-1	0	2,457	0	0	0	2,457
072	H-60	0	11,630	0	0	0	11,630
073	RQ-4 UAV MODS	0	119,415	0	0	0	119,415
074	HC/MC-130 MODIFICATIONS	0	1,944	0	0	0	1,944
075	OTHER AIRCRAFT	0	159,423	0	0	0	159,423
076	MQ-1 MODS	0	208,213	0	0	0	208,213
077	MQ-9 MODS	0	108,922	0	0	0	108,922
078	MQ-9 PAYLOAD - UAS	0	115,383	0	0	0	115,383
079	CV-22 MODS	0	13,964	0	0	0	13,964
	AIRCRAFT SPARES + REPAIR PARTS						
080	INITIAL SPARES/REPAIR PARTS	0	622,020	0	11,700	0	633,720
	Transfer from APAF 070				[-11,700]		

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>COMMON SUPPORT EQUIPMENT</b>							
081	AIRCRAFT REPLACEMENT SUPPORT EQUIP	0	91,701	0	0	0	91,701
<b>POST PRODUCTION SUPPORT</b>							
082	B-1	0	6,791			0	6,791
083	B-2A	0	26,217			0	26,217
084	B-52	0	3,443			0	3,443
085	C-5	0	195			0	195
086	C-5	0	0			0	0
087	KC-10A (ATCA)	0	5,702			0	5,702
088	C-17A	0	153,347		-114,400	0	38,947
	Transfer to APAF 005				[-114,400]		
089	C-130	0	28,295			0	28,295
090	EC-130J	0	0			0	0
091	F-15	0	21,599			0	21,599
092	F-16	0	17,838			0	17,838
093	T-6	0	9,450			0	9,450
094	OTHER AIRCRAFT	0	53,953			0	53,953
095	T-1	0	0			0	0
<b>INDUSTRIAL PREPAREDNESS</b>							
096	INDUSTRIAL RESPONSIVENESS	0	24,619			0	24,619
<b>WAR CONSUMABLES</b>							
097	WAR CONSUMABLES	0	92,939			0	92,939
<b>OTHER PRODUCTION CHARGES</b>							
098	OTHER PRODUCTION CHARGES	0	1,079,742			0	1,079,742
099	OTHER PRODUCTION CHARGES - MQ-1	0	37,500			0	37,500
<b>OTHER PRODUCTION CHARGES - SOF</b>							
103	CANCELLED ACCT ADJUSTMENTS	0	0			0	0

**Title I - Procurement**

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
DARP							
104	DARP	0	19,117			0	19,117
	<b>CLASSIFIED PROGRAMS</b>						
104A	CLASSIFIED PROGRAMS	0	12,981			0	12,981
	<b>TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE</b>	<b>133</b>	<b>15,366,508</b>		<b>-10,600</b>	<b>133</b>	<b>15,355,908</b>

## Items of Special Interest

*F-35 modifications*

The budget request contained \$94.2 million for F-35 modifications, of which \$86.6 million was included to procure 25 kits to retrofit 25 low-rate initial production (LRIP) F-35A aircraft to the block three configuration.

Under the recently-revised F-35 schedule, the committee notes that development of block three hardware and software components will not be complete until 2015, and believes that the request to procure kits to retrofit 25 LRIP F-35A aircraft to the block three configuration is premature.

Accordingly, the committee recommends \$7.6 million, a decrease of \$86.6 million for F-35A modifications.

## PROCUREMENT OF AMMUNITION, AIR FORCE

## Overview

The budget request for fiscal year 2011 contained \$667.4 million for Procurement of Ammunition, Air Force. The committee recommends authorization of \$672.4 million, an increase of \$5.0 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Procurement of Ammunition, Air Force program are identified in the table below.

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>							
<b>ROCKETS</b>							
001	ROCKETS	0	19,106			0	19,106
<b>CARTRIDGES</b>							
002	CARTRIDGES	0	141,049			0	141,049
<b>BOMBS</b>							
003	PRACTICE BOMBS	0	34,094			0	34,094
004	GENERAL PURPOSE BOMBS Bomb Line Modernization	0	183,845		5,000 [5,000]	0	188,845
005	JOINT DIRECT ATTACK MUNITION	3,500	104,642			3,500	104,642
<b>FLARE, IR MJU-7B</b>							
006	CAD/PAD	0	37,016			0	37,016
007	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	0	3,383			0	3,383
008	SPARES AND REPAIR PARTS	0	1,000			0	1,000
009	MODIFICATIONS	0	1,112			0	1,112
010	ITEMS LESS THAN \$5,000,000	0	5,015			0	5,015
<b>FUZES</b>							
011	FLARES	0	72,758			0	72,758
012	FUZES	0	57,337			0	57,337
<b>SMALL ARMS</b>							
013	SMALL ARMS	0	7,063			0	7,063
<b>TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE</b>		<b>3,500</b>	<b>667,420</b>		<b>5,000</b>	<b>3,500</b>	<b>672,420</b>

## MISSILE PROCUREMENT, AIR FORCE

## Overview

The budget request for fiscal year 2011 contained \$5.5 billion for Missile Procurement, Air Force. The committee recommends authorization of \$5.5 billion, a decrease of \$7.5 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Missile Procurement, Air Force program are identified in the table below. Major changes to the Air Force request are discussed following the table.

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>MISSILE PROCUREMENT, AIR FORCE</b>							
<b>MISSILE REPLACEMENT EQUIPMENT - BALLISTIC</b>							
001	MISSILE REPLACEMENT EQ-BALLISTIC	0	60,647			0	60,647
<b>TACTICAL</b>							
002	JASSM	171	215,825			171	215,825
003	SIDEWINDER (AIM-9X)	178	64,523			178	64,523
004	AMRAAM	246	355,358			246	355,358
005	PREDATOR HELLFIRE MISSILE	460	44,570			460	44,570
006	SMALL DIAMETER BOMB	2,985	134,884			2,985	134,884
<b>INDUSTRIAL FACILITIES</b>							
007	INDUSTRI'L PREPAREDNS/POL PREVENTION	0	833			0	833
<b>CLASS IV</b>							
008	ADVANCED CRUISE MISSILE	0	48			0	48
009	MM III MODIFICATIONS	0	123,378		7,500	0	130,878
	MM III SRM Warm Line				[7,500]		
010	AGM-65D MAVERICK	0	260			0	260
011	AGM-88A HARM	0	4,079			0	4,079
012	AIR LAUNCH CRUISE MISSILE (ALCM)	0	10,795			0	10,795
<b>MISSILE SPARES + REPAIR PARTS</b>							
013	INITIAL SPARES/REPAIR PARTS	0	43,192			0	43,192
<b>SPACE PROGRAMS</b>							
014	ADVANCED EHF	0	38,078			0	38,078
015	ADVANCE PROCUREMENT (CY)	0	208,520			0	208,520
016	WIDEBAND GAPFILLER SATELLITES(SPACE)	1	517,601			1	517,601
017	ADVANCE PROCUREMENT (CY)	0	58,110			0	58,110
018	ADVANCE PROCUREMENT (CY)	0	122,490			0	122,490
019	SPACEBORNE EQUIP (COMSEC)	0	14,894			0	14,894

### Title I - Procurement (Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
020	GLOBAL POSITIONING (SPACE)	0	64,609			0	64,609
021	ADVANCE PROCUREMENT (CY)	0	0			0	0
022	NUDET DETECTION SYSTEM	0	0			0	0
023	DEF METEOROLOGICAL SAT PROG(SPACE)	0	88,719			0	88,719
024	EVOLVED EXPENDABLE LAUNCH VEH(SPACE)	3	1,153,976			3	1,153,976
025	MEDIUM LAUNCH VEHICLE(SPACE)	0	0			0	0
026	SBIR HIGH (SPACE)	1	700,704			1	700,704
027	ADVANCE PROCUREMENT (CY)	0	270,000			0	270,000
028	NATL POLAR-ORBITING OP ENV SATELLITE	0	26,308			0	26,308
	<b>SPECIAL PROGRAMS</b>						
029	DEFENSE SPACE RECONN PROGRAM	0	0			0	0
033	SPECIAL UPDATE PROGRAMS	0	247,584			0	247,584
	<b>CLASSIFIED PROGRAMS</b>						
033A	CLASSIFIED PROGRAMS	0	893,287			0	893,287
	<b>TOTAL, MISSILE PROCUREMENT, AIR FORCE</b>	<b>4,045</b>	<b>5,463,272</b>		<b>7,500</b>	<b>4,045</b>	<b>5,470,772</b>

## Items of Special Interest

*Minuteman III Solid Rocket Motor Warm Line*

The budget request contained \$44.2 million for the Minuteman III Solid Rocket Motor Warm Line program.

The Solid Rocket Motor Warm Line program is designed to maintain sufficient industrial capability for solid rocket motors in order to sustain the Minuteman III weapon system through 2030, as directed by Congress. However, the budget request only supports low-rate production of three rocket motor sets in fiscal year 2011 and would result in program termination in fiscal year 2012. The committee understands that a production rate below six per year would require regular requalification of the technicians for each production run.

The committee has not yet received a plan to sustain the solid rocket motor industrial base as required by section 1078 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84). Absent a comprehensive plan, the committee supports retaining the industrial capability to sustain the Minuteman III weapons system.

The committee recommends \$51.7 million, an increase of \$7.5 million, for the Minuteman III Solid Rocket Motor Warm Line program, which should provide sufficient resources for six rocket motor sets in fiscal year 2011.

OTHER PROCUREMENT, AIR FORCE

Overview

The budget request for fiscal year 2011 contained \$17.8 billion for Other Procurement, Air Force. The committee recommends authorization of \$17.9 billion, an increase of \$66.4 million, for fiscal year 2011.

The committee recommendations for the fiscal year 2011 Other Procurement, Air Force program are identified in the table below.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
	OTHER PROCUREMENT, AIR FORCE						
	PASSENGER CARRYING VEHICLES						
001	PASSENGER CARRYING VEHICLES	0	29,207	0		0	29,207
	CARGO + UTILITY VEHICLES						
002	MEDIUM TACTICAL VEHICLE	0	45,618	0		0	45,618
003	CAP VEHICLES	0	902	0		0	902
004	ITEMS LESS THAN \$5,000,000 (CARGO	0	31,773	0	4,100	0	35,873
	Battlefield Airman- Unfunded Requirement				(4,100)		
	SPECIAL PURPOSE VEHICLES						
005	SECURITY AND TACTICAL VEHICLES	0	52,867	0		0	52,867
006	ITEMS LESS THAN \$5,000,000 (SPECIA	0	18,358	0		0	18,358
	FIRE FIGHTING EQUIPMENT						
007	FIRE FIGHTING/CRASH RESCUE VEHICLES	0	26,924	0		0	26,924
	MATERIALS HANDLING EQUIPMENT						
008	HALVERSEN LOADER	0	0	0		0	0
009	ITEMS LESS THAN \$5,000,000	0	14,501	0		0	14,501
	BASE MAINTENANCE SUPPORT						
010	RUNWAY SNOW REMOV AND CLEANING EQU	0	25,404	0		0	25,404
011	ITEMS LESS THAN \$5,000,000(VEHICLES)	0	54,570	0		0	54,570
	CANCELLED ACCOUNT ADJUSTM						
012	CANCELLED ACCOUNT ADJUSTMENTS (BPA	0	0	0		0	0
	COMM SECURITY EQUIPMENT(COMSEC)						
013	COMSEC EQUIPMENT	0	216,381	0		0	216,381
014	MODIFICATIONS (COMSEC)	0	1,582	0		0	1,582
	INTELLIGENCE PROGRAMS						
015	INTELLIGENCE TRAINING EQUIPMENT	0	2,634	0		0	2,634
016	INTELLIGENCE COMM EQUIPMENT	0	30,685	0		0	30,685

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
<b>ELECTRONICS PROGRAMS</b>							
017	AIR TRAFFIC CONTROL & LANDING SYS	0	6,517			0	6,517
018	NATIONAL AIRSPACE SYSTEM	0	112,056			0	112,056
019	THEATER AIR CONTROL SYS IMPROVEMEN	0	55,326			0	55,326
020	WEATHER OBSERVATION FORECAST	0	21,018			0	21,018
021	STRATEGIC COMMAND AND CONTROL	0	28,164			0	28,164
022	CHEYENNE MOUNTAIN COMPLEX	0	18,416			0	18,416
023	TAC SIGHT SPT	0	377			0	377
024	DRUG INTERDICTION SPT	0	0			0	0
<b>SPCL COMM-ELECTRONICS PROJECTS</b>							
025	GENERAL INFORMATION TECHNOLOGY	0	74,285			0	74,285
026	AF GLOBAL COMMAND & CONTROL SYS	0	9,210			0	9,210
027	MOBILITY COMMAND AND CONTROL	0	8,688			0	8,688
028	AIR FORCE PHYSICAL SECURITY SYSTEM	0	99,281			0	99,281
029	COMBAT TRAINING RANGES	0	29,637			0	29,637
030	C3 COUNTERMEASURES	0	11,112			0	11,112
031	GCSS-AF FOS	0	53,349			0	53,349
032	THEATER BATTLE MGT C2 SYSTEM	0	20,525			0	20,525
033	AIR & SPACE OPERATIONS CTR-WPN SYS	0	58,284			0	58,284
<b>AIR FORCE COMMUNICATIONS</b>							
034	INFORMATION TRANSPORT SYSTEMS	0	101,993			0	101,993
035	BASE INFO INFRASTRUCTURE	0	193,830		6,950	0	200,780
	Application Software Assurance Center				(6,950)		
036	AFNET	0	151,643			0	151,643
037	VOICE SYSTEMS	0	25,399			0	25,399
038	USCENTCOM	0	36,020			0	36,020
<b>DISA PROGRAMS</b>							

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
039	SPACE BASED IR SENSOR PGM SPACE	0	24,804			0	24,804
040	NAVSTAR GPS SPACE	0	5,279			0	5,279
041	NUDET DETECTION SYS SPACE	0	5,926			0	5,926
042	AF SATELLITE CONTROL NETWORK SPACE	0	60,383			0	60,383
043	SPACELIFT RANGE SYSTEM SPACE	0	91,004			0	91,004
044	MILSATCOM SPACE	0	221,545			0	221,545
045	SPACE MODS SPACE	0	18,384			0	18,384
046	COUNTERSPACE SYSTEM	0	18,801			0	18,801
<b>ORGANIZATION AND BASE</b>							
047	TACTICAL C-E EQUIPMENT	0	268,140		35,100	0	303,240
	Vehicles and Support Equipment- Unfunded Requirement				[35,100]		
048	COMBAT SURVIVOR EVADER LOCATER	0	34,925			0	34,925
049	RADIO EQUIPMENT	0	14,541			0	14,541
050	CCTV/AUDIOVISUAL EQUIPMENT	0	11,613			0	11,613
051	BASE COMM INFRASTRUCTURE	0	108,308			0	108,308
<b>MODIFICATIONS</b>							
052	COMM ELECT MODS	0	74,356			0	74,356
<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>							
053	NIGHT VISION GOGGLES	0	20,873			0	20,873
054	ITEMS LESS THAN \$5,000,000 (SAFETY)	0	14,292			0	14,292
<b>DEPOT PLANT+MTRLS HANDLING EQ</b>							
055	MECHANIZED MATERIAL HANDLING EQUIP	0	12,853			0	12,853
<b>BASE SUPPORT EQUIPMENT</b>							
056	BASE PROCURED EQUIPMENT	0	4,788			0	4,788
057	CONTINGENCY OPERATIONS	0	28,390			0	28,390
058	PRODUCTIVITY CAPITAL INVESTMENT	0	1,879			0	1,879

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	Authorized Cost
059	MOBILITY EQUIPMENT	0	38,558		17,200	0	55,758
	Theater Posture- Unfunded Requirement				[17,200]		
060	ITEMS LESS THAN \$5,000,000 (BASE \$)	0	4,989		3,000	0	7,989
	F-22 Raptor Weather Shelters				[3,000]		
	<b>SPECIAL SUPPORT PROJECTS</b>						
062	DARP RC135	0	23,296			0	23,296
063	DCGS-AF	0	271,015			0	271,015
065	SPECIAL UPDATE PROGRAM	0	489,680			0	489,680
066	DEFENSE SPACE RECONNAISSANCE PROG.	0	32,668			0	32,668
	<b>CLASSIFIED PROGRAMS</b>						
066A	CLASSIFIED PROGRAMS	0	14,258,508			0	14,258,508
	<b>SPARES AND REPAIR PARTS</b>						
070	SPARES AND REPAIR PARTS	0	19,046			0	19,046
	<b>TOTAL, OTHER PROCUREMENT, AIR FORCE</b>	0	17,845,380		66,350	0	17,911,730

## PROCUREMENT, DEFENSE-WIDE

## Overview

The budget request for fiscal year 2011 contained \$4.3 billion for Procurement, Defense-Wide. The committee recommends authorization of \$4.4 billion, an increase of \$119.4 million, for fiscal year 2011.

The Committee recommendations for the fiscal year 2011 Procurement, Defense-Wide program are identified in the table below. Major changes to the Defense-Wide request are discussed following the table.

# Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT, BTA						
001	MAJOR EQUIPMENT, BTA	0	4,000	0	4,000	0	4,000
	MAJOR EQUIPMENT, DCAA						
002	ITEMS LESS THAN \$5 MILLION	0	1,477	0	1,477	0	1,477
	MAJOR EQUIPMENT, DCMA						
003	MAJOR EQUIPMENT	0	2,052	0	2,052	0	2,052
	MAJOR EQUIPMENT, DHRA						
004	PERSONNEL ADMINISTRATION	0	32,263	0	32,263	0	32,263
	MAJOR EQUIPMENT, DIA						
005	DIA SUPPORT TO CENTCOM INTELLIGENCE ACT	0	0	0	0	0	0
	MAJOR EQUIPMENT, DISA						
017	INFORMATION SYSTEMS SECURITY	0	14,625	0	14,625	0	14,625
018	GLOBAL COMMAND AND CONTROL SYSTEM	0	5,275	0	5,275	0	5,275
019	GLOBAL COMBAT SUPPORT SYSTEM	0	2,803	0	2,803	0	2,803
020	TELEPORT PROGRAM	0	78,227	0	78,227	0	78,227
021	ITEMS LESS THAN \$5 MILLION	0	153,288	0	153,288	0	153,288
022	NET CENTRIC ENTERPRISE SERVICES (NCES)	0	4,391	0	4,391	0	4,391
023	DEFENSE INFORMATION SYSTEM NETWORK	0	86,206	0	86,206	0	86,206
024	PUBLIC KEY INFRASTRUCTURE	0	1,710	0	1,710	0	1,710
025	DRUG INTERDICTION SUPPORT	0	0	0	0	0	0
026	JOINT COMMAND AND CONTROL PROGRAM	0	0	0	0	0	0
027	CYBER SECURITY INITIATIVE	0	22,493	0	22,493	0	22,493
	MAJOR EQUIPMENT, DLA						
028	MAJOR EQUIPMENT	0	4,846	0	4,846	0	4,846
	MAJOR EQUIPMENT, DMACT						
029	MAJOR EQUIPMENT	4	10,478	4	10,478	4	10,478

### Title I - Procurement

(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
	MAJOR EQUIPMENT, DODEA						
030	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	0	1,451			0	1,451
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
031	VEHICLES	0	50			0	50
032	OTHER MAJOR EQUIPMENT	0	12,007			0	12,007
	MAJOR EQUIPMENT, DTSA						
033	MAJOR EQUIPMENT	0	0			0	0
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY						
034	TERMINAL HIGH ALTITUDE AREA DEFENSE FIELDING	67	858,870		50,000	67	858,870
035	AEGIS FIELDING	8	94,080		(50,000)	8	144,080
	Program Increase						
036	AN/TPY-2 RADAR	0	0			0	0
036A	ADVANCE PROCUREMENT (CY)	0	0		65,000	0	65,000
	Advance Procurement				(65,000)		
	MAJOR EQUIPMENT, NSA						
045	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	0	2,546			0	2,546
	MAJOR EQUIPMENT, OSD						
050	MAJOR EQUIPMENT, OSD	0	124,050			0	124,050
050A	COOPERATIVE PROGRAMS	0	0			0	0
051	MAJOR EQUIPMENT, INTELLIGENCE	0	20,138			0	20,138
	UNDISTRIBUTED						
052	MAJOR EQUIPMENT, INTELLIGENCE	0	0			0	0
	MAJOR EQUIPMENT, TJS						
053	MAJOR EQUIPMENT, TJS	0	11,526			0	11,526
	MAJOR EQUIPMENT, WHS						
054	MAJOR EQUIPMENT, WHS	0	27,179			0	27,179
	CLASSIFIED PROGRAMS						

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request Qty	Request Cost	House Change Qty	House Change Cost	House Authorized Qty	House Authorized Cost
054A	CLASSIFIED PROGRAMS	0	678,531			0	678,531
	<b>AVIATION PROGRAMS</b>						
055	ROTARY WING UPGRADES AND SUSTAINMENT	0	79,840			0	79,840
056	MH-47 SERVICE LIFE EXTENSION PROGRAM	0	107,934			0	107,934
057	MH-60 SOF MODERNIZATION PROGRAM	0	179,375			0	179,375
058	NON-STANDARD AVIATION	9	179,949			9	179,949
059	UNMANNED VEHICLES	0	0			0	0
060	SOF TANKER RECAPITALIZATION	0	19,996			0	19,996
061	SOF U-28	0	404			0	404
062	RQ-11 UAV	0	2,090			0	2,090
063	CV-22 SOF MOD	5	124,035			5	124,035
064	MQ-1 UAS	0	1,948			0	1,948
065	MQ-9 UAV	0	1,965			0	1,965
066	STUASLO UAV	0	12,148			0	12,148
067	C-130 MODIFICATIONS	0	22,500			0	22,500
068	AIRCRAFT SUPPORT	0	489			0	489
	<b>SHIPBUILDING</b>						
069	ADVANCED SEAL DELIVERY SYSTEM (ASDS)	0	0			0	0
070	MK8 MOD1 SEAL DELIVERY VEHICLE	0	823			0	823
	<b>AMMUNITION PROGRAMS</b>						
071	SOF ORDNANCE REPLENISHMENT	0	79,608			0	79,608
072	SOF ORDNANCE ACQUISITION	0	24,215			0	24,215
	<b>OTHER PROCUREMENT PROGRAMS</b>						
073	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	0	58,390			0	58,390
074	SOF INTELLIGENCE SYSTEMS	0	75,892			0	75,892
075	SMALL ARMS AND WEAPONS	0	30,094			0	30,094
076	DCGS-SOF	0	5,225			0	5,225

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
077	MARITIME EQUIPMENT MODIFICATIONS	0	206			0	206
078	SPEC APPLICATION FOR CONT	0	0			0	0
079	SOF COMBATANT CRAFT SYSTEMS	0	11,706			0	11,706
080	SPARES AND REPAIR PARTS	0	977			0	977
081	TACTICAL VEHICLES	0	30,965			0	30,965
082	MISSION TRAINING AND PREPARATION SYSTEMS	0	28,354			0	28,354
083	COMBAT MISSION REQUIREMENTS	0	20,000			0	20,000
084	MILCON COLLATERAL EQUIPMENT	0	102,556			0	102,556
088	SOF AUTOMATION SYSTEMS	0	52,353			0	52,353
089	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	0	9,714			0	9,714
090	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	0	30,900			0	30,900
091	SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS	0	221			0	221
092	SOF VISUAL AUGMENTATION, LASERS AND SENSOR	0	18,626			0	18,626
093	SOF TACTICAL RADIO SYSTEMS	0	35,234			0	35,234
094	SOF MARITIME EQUIPMENT	0	804			0	804
095	DRUG INTERDICTION	0	0			0	0
096	MISCELLANEOUS EQUIPMENT	0	7,774			0	7,774
097	SOF OPERATIONAL ENHANCEMENTS High Speed Assault Craft MKII	0	269,182		4,400 [4,400]	0	273,582
098	PSYOP EQUIPMENT	0	25,266			0	25,266
<b>CLASSIFIED PROGRAMS</b>							
098A	CLASSIFIED PROGRAMS CBDP	0	4,112			0	4,112
099	INSTALLATION FORCE PROTECTION	0	90,635			0	90,635
100	INDIVIDUAL PROTECTION	0	74,686			0	74,686
101	DECONTAMINATION	0	21,570			0	21,570
102	JOINT BIO DEFENSE PROGRAM (MEDICAL)	0	19,389			0	19,389

**Title I - Procurement**  
(Dollars in Thousands)

Line	Program Element Title	FY 2011 Request		House Change		House Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost
103	COLLECTIVE PROTECTION	0	27,542			0	27,542
104	CONTAMINATION AVOIDANCE	0	136,114			0	136,114
	<b>TOTAL, PROCUREMENT, DEFENSE-WIDE</b>	<b>93</b>	<b>4,280,368</b>		<b>119,400</b>	<b>93</b>	<b>4,399,768</b>

## Items of Special Interest

*Advance procurement for AN/TPY-2 X-band radars*

The budget request contained \$858.9 million for fielding of Terminal High Altitude Area Defense (THAAD) equipment and \$94.1 million for fielding of Aegis ballistic missile defense interceptors, but contained no funds for fielding of Army-Navy/Transportable Radar Surveillance—Model 2 (AN/TPY-2) X-band radars.

The AN/TPY-2 radar is capable of operating in either a forward-based mode to provide information to the ballistic missile defense system (BMDS) and all of its potential interceptors, or in terminal mode to provide information to a co-located THAAD battery. The Future Year Defense Plan (FYDP) for the Missile Defense Agency (MDA) includes funding to purchase a total of 14 AN/TPY-2 X-band radars by fiscal year 2015. Nine of the AN/TPY-2 radars are required for the nine currently-programmed THAAD batteries. At present, two AN/TPY-2 radars are deployed in forward-based mode, one in Japan and the other in the State of Israel. While the future requirements for AN/TPY-2 radars to support the BMDS and the Administration's plan for regional missile defense systems are undefined, the FYDP includes three additional radars that could potentially be forward-based.

Thus far, MDA has contracted for acquisition of seven AN/TPY-2 radars, the last of which will be delivered later in 2010. Funding for the additional seven radars will not begin until fiscal year 2012, leaving a potential production gap of over a year. The committee is concerned that this production gap will result in higher unit costs and greater schedule risks in the acquisition of AN/TPY-2 radars. MDA also plans to field the AN/TPY-2 radars for the THAAD batteries through its Sensors Directorate using research, development, test, and evaluation funds, and not through the THAAD fielding procurement account. The committee is concerned that not all of the additional AN/TPY-2 radars will be acquired using procurement funding.

The committee recommends \$65.0 million for advance procurement of equipment for future purchases of AN/TPY-2 radars to avoid obsolescence of key components and to maintain the industrial base. Furthermore, the committee directs the Secretary of Defense to request all additional future funding for acquisition of AN/TPY-2 radars within the defense-wide procurement account.

*Common data link*

In recent years, new competition has brought improved capabilities and cost savings to the common data link (CDL) on airborne intelligence, surveillance, and reconnaissance platforms and unmanned aerial systems. However, the committee believes that equal participation in the further development of CDL specifications, and providing supporting systems engineering, would allow even more competition for CDL. Therefore, the committee directs the Secretary of Defense to define a common control interface for CDL terminals and directs its use for all new equipment purchases made after fiscal year 2011.

Recognizing the benefits of multiple vendors supplying competitive offerings for this vital communications service, the committee directs the Secretary of Defense to ensure that all Department of

Defense efforts to install CDL on new blocks and models of Department of Defense platforms should adopt the CDL common control interface and that all future CDL procurements for these platforms shall be competitively awarded.

*Fielding of Aegis ballistic missile defense interceptors*

The budget request contained \$94.1 million for fielding of Aegis ballistic missile defense (BMD) interceptors, a reduction of \$131.5 million from the fiscal year 2010 appropriated level.

The request would support the purchase of eight Standard Missile-3 (SM-3) Block 1B interceptors in fiscal year 2011, the first year that Block 1B interceptors would be purchased using procurement funding.

In fiscal year 2012, the Missile Defense Agency (MDA) anticipates increasing the purchase of SM-3 Block 1B interceptors to 66, at a projected cost of \$701.9 million. Yet the production schedule contained in the Department's detailed budget justification book shows an 18-month gap between the last deliveries of Block 1A interceptors in December 2011 and the first deliveries of the Block 1B purchases in July 2013.

In March 2010, the Government Accountability Office reported that the "Aegis BMD program is putting the SM-3 Block 1B at risk for cost growth and schedule delays by planning to begin manufacturing in 2010 before its critical technologies have been demonstrated in a realistic environment." The first flight test to demonstrate the Block 1B interceptor's technology readiness has been delayed until the winter of 2011.

The committee is concerned that the lack of stability in the purchase of SM-3 interceptors and the steep expansion of production of Block 1B interceptors in fiscal year 2012 could damage the industrial base and delay increases in the inventory of a system that will play a central role in the Phased, Adaptive Approach to missile defenses in Europe announced by the President in September 2009. The committee notes that the development of regional missile defense plans beyond Europe, pursuant to the Administration's Ballistic Missile Defense Review released on February 1, 2010, may also expand the near-term requirement for Aegis BMD interceptors.

The committee recommends \$144.1 million, an increase of \$50.0 million, to provide for greater stability in SM-3 production and to reduce the size of the production increase in fiscal year 2012. The committee expects that MDA will only allocate additional funding for SM-3 Block 1B production in fiscal year 2011 if the first flight test is successful.

The committee recommends \$144.1 million, an increase of \$50.0 million, to provide for greater stability in SM-3 production and to reduce the size of the production increase in fiscal year 2012. The committee expects that MDA will only allocate additional funding for SM-3 Block 1B production in fiscal year 2011 if the first flight test is successful.

*Lighter-than-air vehicles for intelligence, surveillance, and reconnaissance*

The committee is concerned about the duplication of effort among the military services in regard to the acquisition of lighter-than-air

vehicles used by the military services for intelligence, surveillance, and reconnaissance and communications.

The committee directs the Secretary of Defense, in coordination with the Chairman of the Joint Chiefs of Staff, to provide a report to the congressional defense committees by March 1, 2011, detailing the Department's Future Years Defense Program requirement for lighter-than-air vehicles, by service, to include: the Special Operations Command; comparative operational and sensor system capabilities; and unit and system costs of each vehicle and system; and completed analyses of alternatives.

## LEGISLATIVE PROVISIONS

### SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

#### Sections 101–104—Authorization of Appropriations

These sections would authorize the recommended fiscal year 2011 funding levels for all procurement accounts.

### SUBTITLE B—ARMY PROGRAMS

#### Section 111—Procurement of Early Infantry Brigade Combat Team Increment One Equipment

This section would limit the Secretary of the Defense from taking any steps to procure more than two brigade sets of Early Infantry Brigade Combat Team Increment One equipment, with a waiver based on providing testing data and reports to the congressional defense committees and an exception for meeting operational need statements.

#### Section 112—Report on Army Battlefield Network Plans and Programs

This section would require a report from the Secretary of the Army on the Army's plans for future tactical network technology and the acquisition programs to achieve this network. This section would also limit obligation of certain Army procurement funds for tactical communications equipment until the report is received. There is an exception for meeting operational need statements.

### SUBTITLE C—NAVY PROGRAMS

#### Section 121—Incremental Funding for Procurement of Large Naval Vessels

This section would authorize the Secretary of the Navy to incrementally fund large naval vessels over a period of years not to exceed three quarters of the amount of years of planned ship construction. The planned ship construction time-period is defined starting in the year of authorization and ending in the year of projected delivery. Large naval vessels are defined as those vessels exceeding 17,000 tons light ship displacement. Additionally, this section would authorize an additional year of incremental funding for the vessel LPD 26 should the Secretary determine it is in the interest of the Navy to do so.

Section 122—Multiyear Procurement of F/A–18E, F/A–18F, and EA–18G Aircraft

This section would amend section 8011 of the Department of Defense Appropriations Act, 2010 (Public Law 111–118) to clarify that the Secretary of Defense must submit a certification of full funding for a multiyear contract for the procurement of F/A–18E, F/A–18F, or EA–18G aircraft not later than 30 days prior to the contract award. This section would also amend section 128 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84) to require that the Secretary submit the certification required by section 2306b(i)(1) of title 10, United States Code, by September 1, 2010. This section would specify that the Secretary may submit an update to the report on multiyear contracts, as required by section 2306b(1)(4) of title 10, United States Code, to reflect a multiyear contract for such aircraft, by not later than September 1, 2010. This section would clarify that, notwithstanding any other provision of law, a multiyear contract for the procurement of such aircraft meets the requirements under section 2306b(i)(3) and section 2306b(1)(3) of title 10, United States Code, that a multiyear contract be specifically authorized by law in an Act other than an appropriations Act and in an appropriations Act, respectively. This section would clarify that the requirement of section 8008(b) of the Department of Defense Appropriations Act, 1998 (Public Law 105–56) regarding a request for authority to enter into a multiyear contract shall not apply to a multiyear contract for such aircraft. Lastly, this section would require the Secretary of Defense to use the fiscal savings garnered from the Navy’s entry into the fiscal year 2010 through 2013 multiyear procurement contract, now considered excess to the Future Years Defense Plan current program of record, and procure the maximum quantity of additional F/A–18E or F/A–18F aircraft that the excess funding would enable.

Section 123—Report on Naval Force Structure and Missile Defense

This section would require the Secretary of the Navy, in coordination with the Chief of Naval Operations, to submit a report to the congressional defense committees on the requirements of the major combatant surface vessels with respect to missile defense. The report would include an analysis of the number of vessels needed to fulfill the missions of missile defense, including the mission of the phased, adaptive approach to ballistic missile defense in Europe, when balanced against the competing tasks of meeting surface fleet demands in each of the geographic areas. The section would additionally require the Secretary outline the need to either upgrade existing ships outfitted with the Aegis weapons system to more robust missile defense capability or procure additional vessels above the current requirement of 88 large surface combatants. The Secretary would also be required to discuss expected technological advancements associated with missile defense systems and to provide the construct for deployment of Aegis ships equipped with missile defense systems within the context of the fleet response plan.

## SUBTITLE D—AIR FORCE PROGRAMS

## Section 131—Preservation and Storage of Unique Tooling for F-22 Fighter Aircraft

This section would amend subsection (b) of section 133 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84; 123 Stat. 2219) by striking “2010” and inserting “2011”.

## SUBTITLE E—JOINT AND MULTISERVICE MATTERS

## Section 141—Limitation on Procurement of F-35 Lightning II Aircraft

This section would limit the obligation or expenditure of amounts necessary for the procurement F-35 aircraft to an amount necessary for the procurement of 30 such aircraft unless the Under Secretary of Defense for Acquisition, Technology, and Logistics and the Director of Operational Test and Evaluation submit certifications to the congressional defense committees, not later than January 15, 2011, that specified items pertaining to the F-35 program have been accomplished. The section would also allow the Secretary of Defense to waive the full achievement of some items if the Under Secretary of Defense for Acquisition, Technology, and Logistics certifies that the failure to fully achieve some items would not delay or otherwise negatively affect the F-35 aircraft test schedule for fiscal year 2011, impede production of 42 F-35 aircraft in such fiscal year, and otherwise increase risk to the F-35 aircraft program.

## Section 142—Limitations on Biometric Systems Funds

This section would limit the obligation of funding for biometrics programs within the Department of Defense until the Secretary of Defense provides a report to the congressional defense committees on the actions taken:

- (1) To implement paragraphs (16)(a)-(f) of National Security Presidential Directive dated June 5, 2008;
- (2) To implement the recommendation included in Government Accountability Office (GAO) report -08-1065;
- (3) To implement the recommendations included in GAO report -09-49;
- (4) To fully and completely characterize the current biometrics architecture and establish the objective architecture for the Department of Defense;
- (5) To ensure that an official within the Office of the Secretary of Defense has sufficient authority and is responsible to ensure that all funding for biometrics programs and operations is effectively programmed, budgeted, and executed; and
- (6) To ensure that an officer within the Office of the Joint Chiefs of Staff has sufficient authority and is responsible to ensure the development and implementation of common and interoperable standards for the collection, storage, and use of biometrics data by all combatant commanders and their commands.

Further, this section would require written approval for all obligations of funds for biometrics program and activities within the

Department of Defense by the Director of Defense Biometrics in the Office of the Under Secretary for Acquisition, Technology, and Logistics.

Section 143—Counter-Improvised Explosive Device Initiatives Database

This section would direct the Secretary of Defense to direct the military services and the Director of the Joint Improvised Explosive Device Defeat Organization to create a comprehensive improvised explosive device defeat initiative database and work with the Joint Improvised Explosive Device Defeat Organization to develop a Department of Defense-wide database for all counter-improvised explosive device initiatives. This database would include all “defeat the device,” “attack the network,” and counter-improvised explosive device type efforts from across the Department, including the Rapid Equipping Force, joint concept technology demonstrations, and quick reaction task force efforts.

Section 144—Study on Lightweight Body Armor Solutions

This section would authorize the Secretary of Defense to direct a federally funded research and development center (FFRDC) to identify and examine the requirements for lighter weight body armor systems. This section would require that not later than six months after the date of enactment of this Act, the FFRDC shall submit to the Secretary of Defense a report recommending ways in which the Secretary of Defense and each secretary of the military departments may more effectively address the research, development, and procurement requirements regarding reducing the weight of body armor.

**TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**

**OVERVIEW**

The budget request contained \$76.1 billion for research, development, test, and evaluation (RDT&E).

The committee recommends \$76.5 billion, an increase of \$342.6 million to the budget request.