

**TITLE III
PROCUREMENT**

Funds appropriated under this title provide the resources required to purchase military equipment and hardware, including aircraft, ships, missiles, combat vehicles, ammunition, weapons, electronic sensors and communications equipment, and other procurement items.

The President's fiscal year 2016 budget requests a total of \$106,914,372,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$109,813,734,000 for fiscal year 2016. This is \$2,899,362,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2016 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

Account	2016 budget estimate	Committee recommendation	Change from budget estimate
Procurement:			
Aircraft Procurement, Army	5,689,357	5,465,751	- 223,606
Missile Procurement, Army	1,419,957	1,667,167	+ 247,210
Procurement of Weapons and Tracked Combat Vehicles, Army	1,887,073	1,914,446	+ 27,373
Procurement of Ammunition, Army	1,233,378	1,247,426	+ 14,048
Other Procurement, Army	5,899,028	5,648,874	- 250,154
Aircraft Procurement, Navy	16,126,405	17,392,174	+ 1,265,769
Weapons Procurement, Navy	3,154,154	3,172,822	+ 18,668
Procurement of Ammunition, Navy and Marine Corps	723,741	728,741	+ 5,000
Shipbuilding and Conversion, Navy	16,597,457	18,176,362	+ 1,578,905
Other Procurement, Navy	6,614,715	6,329,750	- 284,965
Procurement, Marine Corps	1,131,418	1,239,618	+ 108,200
Aircraft Procurement, Air Force	15,657,769	15,890,661	+ 232,892
Missile Procurement, Air Force	2,987,045	2,965,869	- 21,176
Space Procurement, Air Force	2,584,061	2,891,159	+ 307,098
Procurement of Ammunition, Air Force	1,758,843	1,797,343	+ 38,500
Other Procurement, Air Force	18,272,438	17,997,359	- 275,079
Procurement, Defense-Wide	5,130,853	5,211,532	+ 80,679
Defense Production Act Purchases	46,680	76,680	+ 30,000
Total:	106,914,372	109,813,734	+ 2,899,362

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense appropriations bill for fiscal year 2008 (House Report 110-279). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for

procurement and \$10,000,000 for research, development, test and evaluation.

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

PROCUREMENT OVERVIEW

Airspace Compliance.—In order for Department of Defense aircraft to operate in the both the Federal Aviation Administration-controlled airspace and International Civil Aviation Organization-controlled airspace after January 1, 2020, the Department must add appropriate equipment to all current and future aviation platforms projected to operate in those airspaces. Due to various delays, the Department has indicated that many aircraft will not meet the mandated compliance date and will need waivers to operate in controlled airspace. The Committee believes that had the Department taken a centralized role in the oversight of airspace compliance and monitored the progress of each fleet towards meeting the mandate, the services would have developed solutions in a more expedient manner and fewer waivers would have been necessary. Therefore, the Committee directs the Secretary of Defense to report to the congressional defense committees, not later than 180 days after enactment of this act, (1) each aircraft type, by service, required to comply with the mandates, (2) the cost associated with making the aircraft compliant, (3) the projected compliance date for each aircraft and (4) the projected date to obtain waivers for each aircraft, if necessary. The Committee expects the Secretary of Defense to take a more proactive role in ensuring that United States military aircraft are approved to operate in controlled airspace past January 1, 2020.

Army Organic Industrial Base.—The Committee directs the Secretary of the Army to provide 45-day written notification to the congressional defense committees prior to the Secretary approving civilian reductions in force that will result in an employment loss of 50 or more full-time employees at any Army organic industrial base facility. The notification shall include the impact that the proposed reduction in force will have on the ability to maintain the organic industrial base critical manufacturing capabilities as delin-

eated in the Army Organic Industrial Base Strategy Report, a detailed accounting of the costs of implementing the reduction in force, and an assessment of the cost of, and time necessary, to restore any lost capability to meet future organic wartime manufacturing needs.

Arsenal Sustainment Initiative.—The Committee supports the ongoing efforts of the Department of the Army to develop the Army Organic Industrial Base Strategy. This process is identifying manufacturing capabilities at each organic industrial facility that are critical for the country to sustain in wartime and peacetime if the U.S. military is called to act. However, the Committee is concerned that while the Army Organic Industrial Base Strategy is identifying capabilities, it has not prioritized them in annual budget requests to Congress. In particular, the Nation's arsenals are at risk of not having the capacity to respond rapidly to meet the Department's needs. The Committee directs the Secretary of the Army to assign the arsenals sufficient workload to maintain the critical capabilities identified in the Army Organic Industrial Base Strategy Report and ensure cost efficiency and technical competence in peacetime, while preserving the ability to provide an effective and timely response to mobilizations, national defense contingency situations, and other emergency requirements.

Further, the Committee is aware that while the Army's manufacturing arsenals have provided critical wartime needs to all the services, they are not always considered by the other services for the work opportunities which help sustain them in peacetime. Given the arsenals' unique capabilities, the Committee looks forward to receiving the Secretary of Defense's report detailing recommendations on how the Air Force, Navy and Marine Corps can better use the arsenals for their manufacturing needs. Noting that fulfilling spare parts needs are an important part of our organic industrial base, the Committee directs the Secretary of Defense to also report to the congressional defense committees not later than 90 days after enactment of this act assessing what opportunities may exist for the arsenals to assist the services and the Defense Logistics Agency to procure for our spare parts inventory.

Hellfire Missiles.—The Committee notes that the Department requested authority in February 2015 to reprogram funding to align Hellfire missile inventories with operational and organizational requirements. The reprogramming request followed similar requests in each of the four prior fiscal years, indicating that Hellfire missile inventories could be more effectively managed across and between the services. The Committee directs the Director of Cost Analysis and Program Evaluation to review short-range air-to-ground missile requirements, Hellfire inventory requirements, Hellfire inventory management processes and practices, and current and prospective Hellfire operational demand and submit to the congressional defense committees, not later than 180 days after enactment of this act, recommendations for jointly optimizing the management of Hellfire missiles, or that of a substantively similar capability, across the four services.

Physical Access Control Systems.—The Committee remains concerned with the challenges the Department of Defense continues to face with the efficacy of physical access control systems and notes

that it is yet to receive a report as required by Senate Report 113–211. Last year’s report requested that the Secretaries of the Army, Navy, and Air Force perform a business case analysis that examines the development, procurement, and sustainment cost of existing physical access control systems compared to the cost of physical access control systems available commercially. The Secretaries shall provide the report to the congressional defense committees summarizing the outcome of this business case analysis and actions they plan to take to implement the most affordable solution not later than 180 days after enactment of this act.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2015	\$5,216,225,000
Budget estimate, 2016	5,689,357,000
Committee recommendation	5,465,751,000

The Committee recommends an appropriation of \$5,465,751,000. This is \$223,606,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT						
	FIXED WING						
2	UTILITY F/W CARGO AIRCRAFT		879		879		
4	MQ-1 UAV	15	260,436	15	199,636		-60,800
	ROTARY						
6	HELICOPTER, LIGHT UTILITY [LUH]	28	187,177	28	187,177		
7	AH-64 APACHE BLOCK IIIA REMAN	64	1,168,461	64	1,138,461		-30,000
8	AH-64 APACHE BLOCK IIIA REMAN [AP-CY]		209,930		209,930		
11	UH-60 BLACKHAWK [MYP]	94	1,435,945	94	1,435,945		
12	UH-60 BLACKHAWK [MYP] [AP-CY]		127,079		127,079		
13	UH-60 BLACKHAWK A AND L MODELS	40	46,641	40	46,641		
14	CH-47 HELICOPTER	39	1,024,587	39	931,398		-93,189
15	CH-47 HELICOPTER [AP-CY]		99,344		99,344		
	TOTAL, AIRCRAFT		4,560,479		4,376,490		-183,989
	MODIFICATION OF AIRCRAFT						
16	MQ-1 PAYLOAD-UAS		97,543		91,653		-5,890
19	MULTI SENSOR ABN RECON [MIP]		95,725		68,500		-27,225
20	AH-64 MODS		116,153		116,153		
21	CH-47 CARGO HELICOPTER MODS		86,330		73,130		-13,200
22	GRCS SEMA MODS [MIP]		4,019		4,019		
23	ARL SEMA MODS [MIP]		16,302		10,800		-5,502
24	EMARSS SEMA MODS [MIP]		13,669		13,669		
25	UTILITY/CARGO AIRPLANE MODS		16,166		16,166		
26	UTILITY HELICOPTER MODS		13,793		13,793		
28	NETWORK AND MISSION PLAN		112,807		105,807		-7,000
29	COMMS, NAV SURVEILLANCE		82,904		82,904		
30	GATM ROLLUP		33,890		33,890		
31	RQ-7 UAV MODS		81,444		81,444		
	TOTAL, MODIFICATION OF AIRCRAFT		770,745		711,928		-58,817

SUPPORT EQUIPMENT AND FACILITIES							
GROUND SUPPORT AVIONICS							
32	AIRCRAFT SURVIVABILITY EQUIPMENT	56,215	56,215			56,215	
33	SURVIVABILITY CM	8,917	8,917			8,917	
34	CMWS	78,348	78,348			104,348	+ 26,000
OTHER SUPPORT							
35	AVIONICS SUPPORT EQUIPMENT	6,937	6,937			6,937	
36	COMMON GROUND EQUIPMENT	64,867	64,867			58,067	- 6,800
37	AIRCREW INTEGRATED SYSTEMS	44,085	44,085			44,085	
38	AIR TRAFFIC CONTROL	94,545	94,545			94,545	
39	INDUSTRIAL FACILITIES	1,207	1,207			1,207	
40	LAUNCHER, 2.75 ROCKET	3,012	3,012			3,012	
TOTAL, SUPPORT EQUIPMENT AND FACILITIES		358,133	358,133			377,333	+ 19,200
TOTAL, AIRCRAFT PROCUREMENT, ARMY		5,689,357	5,689,357			5,465,751	- 223,606

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
4	MQ-1 UAV	260,436	199,636	-60,800
	Restoring acquisition accountability: ICS growth			-7,800
	Restoring acquisition accountability: Unit cost growth			-53,000
7	AH-64 Apache Block IIIA Reman	1,168,461	1,138,461	-30,000
	Restoring acquisition accountability: Program management growth and forward financing			-10,000
	Improving funds management: Prior year carryover			-20,000
14	CH-47 Helicopter	1,024,587	931,398	-93,189
	Restoring acquisition accountability: Miscellaneous request and forward financing			-93,189
16	MQ-1 Payload [MIP]	97,543	91,653	-5,890
	Restoring acquisition accountability: Test and evaluation unjustified request			-5,890
19	Multi Sensor ABN Recon [MIP]	95,725	68,500	-27,225
	Budget documentation disparity: Poor justification materials			-27,225
21	CH-47 Cargo Helicopter Mods [MYP]	86,330	73,130	-13,200
	Restoring acquisition accountability: Systems optimization and payload buyback early to need			-17,200
	Program increase			+4,000
23	ARL SEMA Mods [MIP]	16,302	10,800	-5,502
	Budget documentation disparity: Poor justification materials			-5,502
28	Network and Mission Plan	112,807	105,807	-7,000
	Improving funds management: Prior year carryover			-7,000
34	CMWS	78,348	104,348	+26,000
	Authorization adjustment: Apache survivability equipment—Army UFR			+26,000
36	Common Ground Equipment	64,867	58,067	-6,800
	Improving funds management: Prior year carryover			-9,000
	Program increase: Corrosion mitigation covers			+2,200

MQ-1 Unmanned Aerial Vehicle [UAV].—The fiscal year 2016 President’s budget request includes \$276,973,000 in base and Overseas Contingency Operations funding to procure 17 additional MQ-1 UAVs, which is 17 aircraft above the Army validated requirement. The Committee is concerned with the small subset of the total Army MQ-1 UAVs providing intelligence, surveillance, and reconnaissance [ISR] for the combatant commanders. The Army’s justification for additional aircraft in the fiscal year 2016 request is to support the increase in Combat Air Patrols [CAPs] requested by the Department of Defense. The Committee supports the request to procure the additional aircraft, but reduces the funding by \$60,800,000 due to unit cost efficiencies. Additionally, the Committee directs the Secretary of Defense to do a complete review of the required CAPs to meet Combatant Commanders requirements, identify the mix of ISR aircraft across the Air Force, Army and Special Operations Command to meet such requirements, and provide a report to the congressional defense committees not later than 180 days after enactment of this act.

CH-47F Cargo Helicopter Modifications.—The Committee understands that the Department of the Army is developing technologies that are common between the Special Operations Command MH-

47G Chinook helicopter and Army CH-47F Block II helicopter in areas such as fuel system commonality. Therefore, the Committee encourages the Army to develop and field technologies that support this commonality.

Corrosion Mitigation Covers.—The Committee recognizes the importance of protecting critical aviation assets from corrosion and environmental degradation and supports the Department of the Army’s efforts to address this concern through the use of corrosion mitigation covers. Therefore, the Committee encourages the Army to acquire corrosion mitigation covers to provide protection to key equipment assets to increase the mission capability of our critical weapons systems.

MISSILE PROCUREMENT, ARMY

Appropriations, 2015	\$1,208,692,000
Budget estimate, 2016	1,419,957,000
Committee recommendation	1,667,167,000

The Committee recommends an appropriation of \$1,667,167,000. This is \$247,210,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, ARMY						
	OTHER MISSILES						
	SURFACE-TO-AIR MISSILE SYSTEM						
2	LOWER TIER AIR AND MISSILE DEFENSE [AMD]		115,075		112,285		-2,790
3	MSE MISSILE	80	414,946	80	614,946		+200,000
	AIR-TO-SURFACE MISSILE SYSTEM						
3	HELLFIRE SYS SUMMARY	113	27,975	113	27,975		
4	JOINT AIR-TO-GROUND MSLS [JAGMT] (AP)		27,738		27,738		
	ANTI-TANK/ASSAULT MISSILE SYSTEM						
5	JAVELIN (AAWS-M) SYSTEM SUMMARY	331	77,163	615	127,163	+284	+50,000
6	TOW 2 SYSTEM SUMMARY	1,704	87,525	1,704	87,525		
8	GUIDED MLRS ROCKET [GMLRS]	1,668	251,060	1,668	251,060		
9	MLRS REDUCED RANGE PRACTICE ROCKETS [RRPR]	3,121	17,428	3,121	17,428		
	TOTAL, OTHER MISSILES		1,018,910		1,266,120		+247,210
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
11	PATRIOT MODS		241,883		241,883		
12	ATACMS MODS		30,119		30,119		
13	GMLRS MOD		18,221		18,221		
14	STINGER MODS		2,216		2,216		
15	AVENGER MODS		6,171		6,171		
16	ITAS/TOW MODS		19,576		19,576		
17	MLRS MODS		35,970		35,970		
18	HIMARS MODIFICATIONS		3,148		3,148		
	TOTAL, MODIFICATION OF MISSILES		357,304		357,304		
19	SPARES AND REPAIR PARTS		33,778		33,778		

20	SUPPORT EQUIPMENT AND FACILITIES					
21	AIR DEFENSE TARGETS	3,717			3,717	
22	ITEMS LESS THAN \$5.0M (MISSILES)	1,544			1,544	
	PRODUCTION BASE SUPPORT	4,704			4,704	
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	9,965			9,965	
	TOTAL, MISSILE PROCUREMENT, ARMY	1,419,957			1,667,167	+ 247,210

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Lower Tier Air and Missile Defense [AMD]	115,075	112,285	- 2,790
	Restoring acquisition accountability: Unjustified growth			- 2,790
2	MSE Missile	414,946	614,946	+ 200,000
	Authorization adjustment: Patriot PAC 3 for improved BMD—Army UFR			+ 200,000
5	Javelin (AAWS-M) System Summary	77,163	127,163	+ 50,000
	Program increase: Additional missiles—Army UFR			+ 50,000

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 2015	\$1,722,136,000
Budget estimate, 2016	1,887,073,000
Committee recommendation	1,914,446,000

The Committee recommends an appropriation of \$1,914,446,000. This is \$27,373,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF W&TCV, ARMY						
	TRACKED COMBAT VEHICLES						
1	STRYKER VEHICLE		181,245		177,345		-3,900
2	STRYKER (MOD)		74,085		74,085		
3	STRYKER UPGRADE	62	305,743	62	305,743		
5	BRADLEY PROGRAM (MOD)		225,042		200,042		-25,000
6	HOWITZER, MED SP FT 155MM M109A6 (MOD)		60,079		56,879		-3,200
7	PALADIN PIPM MOD IN SERVICE	30	273,850	30	273,850		
8	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	31	123,629	47	180,929	+16	+57,300
9	ASSAULT BRIDGE (MOD)		2,461		2,461		
10	ARMORED BREACHER VEHICLE	7	2,975	7	2,975		
11	M88 FOV MODS		14,878		14,878		
12	JOINT ASSAULT BRIDGE	4	33,455	4	33,455		
13	M1 ABRAMS TANK (MOD)		367,939		367,939		
15	SUPPORT EQUIPMENT AND FACILITIES PRODUCTION BASE SUPPORT (TCV-WTCV)		6,479		6,129		-350
	TOTAL, TRACKED COMBAT VEHICLES		1,671,860		1,696,710		+24,850
	WEAPONS AND OTHER COMBAT VEHICLES						
16	MORTAR SYSTEMS		4,991		4,991		
17	XM320 GRENADE LAUNCHER MODULE (GLM)		26,294		26,294		
18	PRECISION SNIPER RIFLE		1,984				-1,984
19	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM		1,488				-1,488
20	CARBINE		34,460		31,260		-3,200
21	COMMON REMOTELY OPERATED WEAPONS STATION		8,367		14,750		+6,383
22	HANDGUN		5,417				-5,417
	MOD OF WEAPONS AND OTHER COMBAT VEH						
23	MK-19 GRENADE MACHINE GUN MODS		2,777				-2,777
24	M777 MODS		10,070		10,070		
25	M4 CARBINE MODS		27,566		27,566		
26	M2 50 CAL MACHINE GUN MODS		44,004		44,004		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
27	M249 SAW MACHINE GUN MODS		1,190		1,190		
28	M240 MEDIUM MACHINE GUN MODS		1,424		11,424		+ 10,000
29	SNIPER RIFLES MODIFICATIONS		2,431		980		- 1,451
30	M119 MODIFICATIONS		20,599		20,599		
32	MORTAR MODIFICATION		6,300		6,300		
33	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)		3,737		3,737		
	SUPPORT EQUIPMENT AND FACILITIES						
34	ITEMS LESS THAN \$5.0M (WOCV-WTCV)		391		2,848		+ 2,457
35	PRODUCTION BASE SUPPORT (WOCV-WTCV)		9,027		9,027		
36	INDUSTRIAL PREPAREDNESS		304		304		
37	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)		2,392		2,392		
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES		215,213		217,736		+ 2,523
	TOTAL, PROCUREMENT OF W&TCV, ARMY		1,887,073		1,914,446		+ 27,373

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Stryker Vehicle	181,245	177,345	- 3,900
	Maintain program affordability: Unjustified growth— program management funding			- 3,900
5	Bradley Program (MOD)	225,042	200,042	- 25,000
	Improving funds management: Prior year carryover			- 25,000
6	Howitzer, Med Sp Ft 155mm M109a6 (MOD)	60,079	56,879	- 3,200
	Restoring acquisition accountability: Unit cost growth ..			- 3,200
8	Improved Recovery Vehicle (M88A2 Hercules)	123,629	180,929	+ 57,300
	Authorization adjustment: 16 M88A2's to support mod of ABCTs and industrial base			+ 72,000
	Restoring acquisition accountability: Contractor engi- neering early to need			- 13,200
	Maintain program affordability: Unjustified growth— program management funding			- 1,500
15	Production Base Support (TCV-WTCV)	6,479	6,129	- 350
	Improving funds management: Prior year carryover			- 350
18	Precision Sniper Rifle	1,984		- 1,984
	Transfer: Army-requested to WTCV lines 21 and 34 and RDTE line 83			- 1,984
19	Compact Semi-Automatic Sniper System	1,488		- 1,488
	Transfer: Army-requested to WTCV lines 21 and 34 and RDTE line 83			- 1,488
20	Carbine	34,460	31,260	- 3,200
	Restoring acquisition accountability: Unit cost growth ..			- 3,200
21	Common Remotely Operated Weapons Station	8,367	14,750	+ 6,383
	Transfer CROWS conversions: Army-requested from WTCV lines 18, 19, 22, and 29			+ 6,383
22	Handgun	5,417		- 5,417
	Transfer: Army-requested to WTCV lines 21 and 34 and RDTE line 83			- 5,417
23	MK-19 Grenade Machine Gun Mods	2,777		- 2,777
	Restoring acquisition accountability: Unclear require- ments			- 2,777
28	M240 Medium Machine Gun Mods	1,424	11,424	+ 10,000
	Program increase			+ 10,000
29	Sniper Rifles Modifications	2,431	980	- 1,451
	Improving funds management: Excess to need			- 1,451
34	Items Less Than \$5.0m (WOCV-WTCV)	391	2,848	+ 2,457
	Transfer for nonstandard weapons: Army-requested for WTCV lines 18, 19, 22, and 29			+ 2,457

Stryker Lethality Upgrades.—The Committee understands that the Army is evaluating various courses of action to address the operational needs statement for increased Stryker lethality of the 2nd Cavalry Regiment, U.S. Army Europe. As the courses of action materialize and the tradeoffs between the schedule of fielding the first upgraded units and the risk in the acquisition schedule are properly balanced, the Committee is open to considering re-programming requests that address the required funding.

MK-19 Grenade Machine Gun Modifications.—The fiscal year 2016 President's budget request includes \$2,777,000 for MK-19 40mm grenade machine gun launchers to improve the lethality and accuracy of the weapon. The MK-19 has been a reliable and effective weapon for many years, including extensive operational use in Iraq and Afghanistan. However, the Committee is concerned with

the Army's plan to upgrade the weapon. The Committee directs the Secretary of the Army to submit a report to congressional defense committees, not later than 180 days after enactment of this act, that addresses the feasibility of utilizing commercial, off-the-shelf technologies to upgrade the MK-19 and validates the requirement for the improved components of the MOD 5 kits.

Handgun.—The fiscal year 2016 President's budget request includes \$5,417,000 to support the procurement of modular handgun systems. The Committee is concerned that the Army is rushing to pursue a new acquisition program to replace the M9 pistol before adequately exploring other cost-effective solutions to meet the Army's handgun requirements. Based on the Army's transfer request, the Committee does not provide funding for modular handgun systems in fiscal year 2016.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2015	\$1,015,477,000
Budget estimate, 2016	1,233,378,000
Committee recommendation	1,247,426,000

The Committee recommends an appropriation of \$1,247,426,000. This is \$14,048,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF AMMUNITION, ARMY						
	AMMUNITION						
	SMALL/MEDIUM CAL AMMUNITION						
1	CTG. 5.56MM, ALL TYPES		43,489		43,489		
2	CTG. 7.62MM, ALL TYPES		40,715		40,715		
3	CTG. HANDGUN, ALL TYPES		7,753		6,801		- 952
4	CTG. 50 CAL, ALL TYPES		24,728		24,728		
5	CTG. 25MM, ALL TYPES		8,305		8,305		
6	CTG. 30MM, ALL TYPES		34,330		34,330		
7	CTG. 40MM, ALL TYPES		79,972		79,972		
	MORTAR AMMUNITION						
8	60MM MORTAR, ALL TYPES		42,898		42,898		
9	81MM MORTAR, ALL TYPES		43,500		43,500		
10	120MM MORTAR, ALL TYPES		64,372		64,372		
	TANK AMMUNITION						
11	CTG TANK 105MM AND 120MM: ALL TYPES		105,541		105,541		
	ARTILLERY AMMUNITION						
12	CTG. ARTY. 75MM AND 105MM: ALL TYPES		57,756		57,756		
13	ARTILLERY PROJECTILE, 155MM, ALL TYPES		77,995		77,995		
14	PROJ. 155MM EXTENDED RANGE XM982		45,518		60,518		+ 15,000
15	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES		78,024		78,024		
	ROCKETS						
16	SHOULDER LAUNCHED MUNITIONS, ALL TYPES		7,500		7,500		
17	ROCKET, HYDRA 70, ALL TYPES		33,653		33,653		
	OTHER AMMUNITION						
18	CAD/PAD ALL TYPES		5,639		5,639		
19	DEMOLITION MUNITIONS, ALL TYPES		9,751		9,751		
20	GRENADES, ALL TYPES		19,993		19,993		
21	SIGNALS, ALL TYPES		9,761		9,761		
22	SIMULATORS, ALL TYPES		9,749		9,749		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISCELLANEOUS						
23	AMMO COMPONENTS, ALL TYPES		3,521		3,521		
24	NON-LETHAL AMMUNITION, ALL TYPES		1,700		1,700		
25	ITEMS LESS THAN \$5 MILLION		6,181		6,181		
26	AMMUNITION PECULIAR EQUIPMENT		17,811		17,811		
27	FIRST DESTINATION TRANSPORTATION (AMMO)		14,695		14,695		
	TOTAL, AMMUNITION		894,850		908,898		+ 14,048
	AMMUNITION PRODUCTION BASE SUPPORT						
	PRODUCTION BASE SUPPORT						
29	PROVISION OF INDUSTRIAL FACILITIES		221,703		221,703		
30	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL		113,250		113,250		
31	ARMS INITIATIVE		3,575		3,575		
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT		338,528		338,528		
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY		1,233,378		1,247,426		+ 14,048

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	CTG, Handgun, All Types	7,753	6,801	- 952
	Transfer CROWS: Army-requested to RDTE, Army line 83			- 952
14	Proj 155mm Extended Range M982	45,518	60,518	+ 15,000
	Program increase			+ 15,000

OTHER PROCUREMENT, ARMY

Appropriations, 2015	\$4,747,523,000
Budget estimate, 2016	5,899,028,000
Committee recommendation	5,648,874,000

The Committee recommends an appropriation of \$5,648,874,000. This is \$250,154,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES						
	TACTICAL VEHICLES						
1	TACTICAL TRAILERS/DOLLY SETS		12,855		12,855		
2	SEMITRAILERS, FLATBED		53		53		
3	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	166	90,040	166	90,040		
4	JOINT LIGHT TACTICAL VEHICLE	450	308,336	450	308,336		
6	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN		8,444		8,444		
7	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	273	27,549	273	27,549		
8	PLS ESP		127,102		127,102		
10	TACTICAL WHEELED VEHICLE PROTECTION KITS		48,292		48,292		
11	MODIFICATION OF IN SVC EQUIP		130,993		130,993		
12	MINE-RESISTANT AMBUSH-PROTECTED MODS		19,146		19,146		
	NON-TACTICAL VEHICLES						
14	PASSENGER CARRYING VEHICLES		1,248		1,248		
15	NONTACTICAL VEHICLES, OTHER		9,614		9,614		
	TOTAL, TACTICAL AND SUPPORT VEHICLES		783,672		783,672		
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM—JOINT COMMUNICATIONS						
16	WIN-T—GROUND FORCES TACTICAL NETWORK		783,116		643,370		-139,746
17	SIGNAL MODERNIZATION PROGRAM		49,898		49,898		
18	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY		4,062		4,062		
19	JCSF EQUIPMENT (USREDCOM)		5,008		5,008		
	COMM—SATELLITE COMMUNICATIONS						
20	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS		196,306		196,306		
21	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS		44,998		44,998		
22	SIF TERM		7,629		7,629		
23	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)		14,027		14,027		
24	SMART-T (SPACE)		13,453		13,453		
25	GLOBAL BROADCAST SVC—GBS		6,265		6,265		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
61	CI HUMINT AUTO REPRTING AND COLL[CHARCS][MIP]	.....	7,542	.....	7,542	.....	.....
62	CLOSE ACCESS TARGET RECONNAISSANCE (CATR)	.....	8,010	.....	8,010	.....	.....
63	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM	.....	8,125	.....	8,125	.....	.....
	ELECT EQUIP—ELECTRONIC WARFARE (EW)	.....	63,472	.....	63,472	.....	.....
64	LIGHTWEIGHT COUNTER MORTAR RADAR	.....	2,556	.....	2,556	.....	.....
65	EW PLANNING AND MANAGEMENT TOOLS	.....	8,224	.....	8,224	.....	.....
66	AIR VIGILANCE (AV)	.....	2,960	.....	2,960	.....	.....
67	CREW	.....	1,722	.....	1,722	.....	.....
68	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES	.....	447	.....	447	.....	.....
69	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	.....	228	.....	228	.....	.....
70	CI MODERNIZATION (MIP)	.....	43,285	.....	43,285	.....	.....
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)	.....	124,216	.....	124,216	.....	.....
71	SENTINEL MODS	.....	23,216	.....	23,216	.....	.....
72	NIGHT VISION DEVICES	.....	60,679	.....	60,679	.....	.....
74	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	.....	53,453	.....	53,453	.....	.....
76	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	.....	3,338	.....	3,338	.....	.....
77	FAMILY OF WEAPON SIGHTS (FWS)	.....	4,057	.....	4,057	.....	.....
78	ARTILLERY ACCURACY EQUIP	.....	133,339	.....	133,339	.....	.....
79	PROFILER	.....	47,212	.....	47,212	.....	.....
81	JOINT BATTLE COMMAND—PLATFORM [JBC-P]	.....	22,314	.....	22,314	.....	.....
82	JOINT EFFECTS TARGETING SYSTEM (JETS)	.....	12,131	.....	12,131	.....	.....
83	MOD OF IN-SERVICE EQUIPMENT (LLDR)	.....	10,075	.....	10,075	.....	.....
84	COMPUTER BALLISTICS: LHMCB XM32	.....	217,379	.....	115,928	.....	-101,451
85	MORTAR FIRE CONTROL SYSTEM	.....	1,190	.....	1,190	.....	.....
86	COUNTERFIRE RADARS	.....	28,176	.....	28,176	.....	.....
	ELECT EQUIP—TACTICAL C2 SYSTEMS	.....	20,917	.....	20,917	.....	.....
87	FIRE SUPPORT C2 FAMILY	.....	5,850	.....	5,850	.....	.....
90	AIR & MSL DEFENSE PLANNING & CONTROL SYS (AID)	.....	12,738	.....	12,738	.....	.....
91	IAMD BATTLE COMMAND SYSTEM	.....	145,405	.....	145,405	.....	.....
92	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	.....	162,654	.....	162,654	.....	.....
93	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	.....		.....		.....	.....
94	MANEUVER CONTROL SYSTEM (MCS)	.....		.....		.....	.....
95	GLOBAL COMBAT SUPPORT SYSTEM—ARMY	.....		.....		.....	.....

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
125	COMBAT SERVICE SUPPORT EQUIPMENT						
126	HEATERS AND ECUS	18,876	18,876		18,876		
127	SOLDIER ENHANCEMENT	2,287	2,287		2,287		
128	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	7,733	7,733		7,733		
129	GROUND SOLDIER SYSTEM	49,798	49,798		49,798		
130	MOBILE SOLDIER POWER	43,639	43,639		43,639		
132	FIELD FEEDING EQUIPMENT	13,118	13,118		13,118		
133	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	28,278	28,278		28,278		
135	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	34,544	34,544		34,544		
136	ITEMS LESS THAN \$5M (ENG SPT)	595	595		595		
	PETROLEUM EQUIPMENT						
137	QUALITY SURVEILLANCE EQUIPMENT	5,368	5,368		5,368		
138	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	35,381	35,381		35,381		
	MEDICAL EQUIPMENT						
139	COMBAT SUPPORT MEDICAL	73,828	73,828		73,828		
	MAINTENANCE EQUIPMENT						
140	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	25,270	25,270		25,270		
141	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,760	2,760		2,760		
	CONSTRUCTION EQUIPMENT						
142	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	5,903	5,903		5,903		
143	SCRAPERS, EARTHMOVING	26,125	26,125		26,125		
146	TRACTOR, FULL TRACKED	27,156	27,156		27,156		
147	ALL TERRAIN CRANES	16,750	16,750		14,396		
148	PLANT, ASPHALT MIXING	984	984		984		-2,354
149	HIGH MOBILITY ENGINEER EXCAVATOR (HMEEL) FOS	2,656	2,656		2,656		
150	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	2,531	2,531		2,531		
151	FAMILY OF DIVER SUPPORT EQUIPMENT	446	446		446		
152	CONST EQUIP ESP	19,640	19,640		19,640		
153	ITEMS LESS THAN \$5.0M (CONST EQUIP)	5,087	5,087		5,087		
	RAIL FLOAT CONTAINERIZATION EQUIPMENT						
154	ARMY WATERCRAFT ESP	39,772	39,772		39,772		
155	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	5,835	5,835		5,835		

156	GENERATORS								
	GENERATORS AND ASSOCIATED EQUIPMENT	166,356	166,356						
	MATERIAL HANDLING EQUIPMENT								
157	TACTICAL ELECTRIC POWER RECAPITALIZATION	11,505	11,505						
159	FAMILY OF FORKLIFTS	17,496	17,496						
	TRAINING EQUIPMENT								
160	COMBAT TRAINING CENTERS SUPPORT	74,916	74,916						
161	TRAINING DEVICES, NONSYSTEM	303,236	303,236						
162	CLOSE COMBAT TACTICAL TRAINER	45,210	45,210						
163	AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA)	30,068	30,068						
164	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	9,793	9,793						
	TEST MEASURE AND DIG EQUIPMENT (TMD)								
165	CALIBRATION SETS EQUIPMENT	4,650	4,650						
166	INTEGRATED FAMILY OF TEST EQUIPMENT [IFTE]	34,487	34,487						
167	TEST EQUIPMENT MODERNIZATION [TEMOD]	11,083	11,083						
	OTHER SUPPORT EQUIPMENT								
169	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	17,937	17,937						
170	PHYSICAL SECURITY SYSTEMS (OPA3)	52,040	52,040						
171	BASE LEVEL COM'L EQUIPMENT	1,568	1,568						
172	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	64,219	64,219						
173	PRODUCTION BASE SUPPORT (OTH)	1,525	1,525						
174	SPECIAL EQUIPMENT FOR USER TESTING	3,268	3,268						
176	TRACTOR YARD	7,191	7,191						
	TOTAL, OTHER SUPPORT EQUIPMENT	1,588,727	1,589,373						+ 646
	SPARE AND REPAIR PARTS								
177	INITIAL SPARES—C&E	48,511	48,511						
	TOTAL, SPARE AND REPAIR PARTS	48,511	48,511						
	HMMWV MOD PROGRAM								+ 60,000
	TOTAL, OTHER PROCUREMENT, ARMY	5,899,028	5,648,874						- 250,154

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
16	Win-T—Ground Forces Tactical Network	783,116	643,370	− 139,746
	Improving funds management: Prior year carryover			− 139,746
26	Mod of In-Svc Equip (TAC SAT)	1,042	642	− 400
	Improving funds management: Prior year carryover			− 400
29	Joint Tactical Radio System	64,640	32,320	− 32,320
	Restoring acquisition accountability: Schedule slip			− 32,320
30	Mid-Tier Networking Vehicular Radio (MNVR)	27,762	21,868	− 5,894
	Restoring acquisition accountability: Acquisition strategy			− 5,894
43	Army CA/MISO GPF Equipment	3,695	2,695	− 1,000
	Improving funds management: Prior year carryover			− 1,000
48	Information Systems	86,037	61,503	− 24,534
	Improving funds management: Prior year carryover			− 24,534
86	Counterfire Radars	217,379	115,928	− 101,451
	Improving funds management: Prior year carryover			− 101,451
102	General Fund Enterprise Business Systems Fam	18,995	13,540	− 5,455
	Transfer GFEBs—SA: Army-requested to RDT&E, Army line 106			− 5,455
147	All Terrain Cranes	16,750	14,396	− 2,354
	Improving funds management: Prior year carryover			− 2,354
174	Special Equipment for User Testing	3,268	6,268	+ 3,000
	Program increase			+ 3,000
XX	HMMWV Mod Program		60,000	+ 60,000
	Program increase: HMMWV Ambulance Replacement			+ 60,000

European Facilities Communications.—The Committee notes capability gaps in communications security at U.S. Army Europe [USAREUR] facilities, which rely on outdated radio infrastructure. A study by the Naval Surface Warfare Center—Crane recommended that USAREUR adopt a single enterprise radio infrastructure by entering into a joint agreement with U.S. Air Forces Europe to utilize their Enterprise Land Mobile Radio [ELMR] program. The Committee recognizes that a joint ELMR program would result in cost savings and support Joint Information Environment goals. The Committee directs the Secretary of the Army to provide a USAREUR radio upgrade strategy to the congressional defense committees not later than 120 days after enactment of this act.

Heavy Equipment Transport.—Future upgrades to the Army's M1 Abrams tank, planned for fielding as early as fiscal year 2019, will likely increase the weight of the platform in excess of the M1070 Heavy Equipment Transport [HET] and associated M1000 HET Trailer's current carrying capacity of 70 tons. The Committee encourages the Army to establish and fund an M1070 and M1000 recapitalization program or programs.

MRAP Recovery Vehicle Upgrades.—The Committee recognizes the Army's continuing need for, and investment in, Mine Resistant Armored Personnel recovery vehicles [MRV] and recommends that the Army move expeditiously to install and evaluate MRV performance kits. The Committee directs the Secretary of the Army to provide a report to the congressional defense committees, not later than 60 days after enactment of this act, on the status of the MRV fleet including actual and planned fielded quantities and locations,

MRV capability requirements, and estimates of budgets across the Future Years Defense Program needed to meet the Army’s current and future MRV needs.

HMMWV Ambulances.—The Committee recommends an additional \$60,000,000 for High Mobility Multipurpose Wheeled Vehicle [HMMWV] ambulances, of which \$40,000,000 is intended for the Army National Guard and \$20,000,000 for the Army Reserve.

Ultra-Light Combat Vehicle.—The Committee is aware that the Army is developing requirements for an Ultra-Light Combat Vehicle [ULCV] for use by general purpose infantry. The Committee encourages the Secretary of the Army to develop and acquire ULCV using commercially available platforms, non-developmental items, and full and open competition.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2015	\$14,758,035,000
Budget estimate, 2016	16,126,405,000
Committee recommendation	17,392,174,000

The Committee recommends an appropriation of \$17,392,174,000. This is \$1,265,769,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, NAVY							
COMBAT AIRCRAFT							
2	F/A-18E/F (FIGHTER) HORNET [MYP]	.....	.....	12	978,750	+12	+978,750
3	JOINT STRIKE FIGHTER	4	897,542	4	778,142	.....	-119,400
4	JOINT STRIKE FIGHTER [AP-CY]	.....	48,630	.....	48,630	.....	.....
5	JSF STOVL	9	1,483,414	15	2,213,714	+6	+730,300
6	JSF STOVL [AP-CY]	.....	203,060	.....	203,060	.....	.....
7	CH-53K (HEAVY LIFT) [AP-CY]	.....	41,300	.....	.....	.....	-41,300
8	V-22 (MEDIUM LIFT)	19	1,436,355	19	1,421,355	.....	-15,000
9	V-22 (MEDIUM LIFT) [AP-CY]	.....	43,853	.....	43,853	.....	.....
10	UH-1Y/AH-1Z	28	800,057	28	795,405	.....	-4,652
11	UH-1Y/AH-1Z [AP-CY]	.....	56,168	.....	56,168	.....	.....
12	MH-60S [MYP]	8	28,232	8	28,232	.....	.....
13	MH-60R	29	969,991	29	964,991	.....	-5,000
16	P-8A POSEIDON	16	3,008,928	16	3,008,928	.....	.....
17	P-8A POSEIDON [AP-CY]	.....	269,568	.....	250,568	.....	-19,000
18	E-2D ADV HAWKEYE	5	857,654	5	857,654	.....	.....
19	E-2D ADV HAWKEYE [AP-CY]	.....	195,336	.....	195,336	.....	.....
	TOTAL, COMBAT AIRCRAFT	.....	10,340,088	.....	11,844,786	.....	+1,504,698
TRAINER AIRCRAFT							
20	JPATS	.....	8,914	.....	8,914	.....	.....
	TOTAL, TRAINER AIRCRAFT	.....	8,914	.....	8,914	.....	.....
OTHER AIRCRAFT							
21	KC-130J	2	192,214	2	192,214	.....	.....
22	KC-130J [AP-CY]	.....	24,451	.....	24,451	.....	.....
23	MQ-4 TRITON	3	494,259	2	391,759	-1	-102,500
24	MQ-4 TRITON [AP-CY]	.....	54,577	.....	5,098	.....	-49,479
25	MQ-8 UAV	2	120,020	5	156,020	+3	+36,000
26	STUASLO UAV	.....	3,450	.....	3,450	.....	.....

		1	15,100	+1	+15,100
OTHER SUPPORT AIRCRAFT	888,971		788,092		-100,879
TOTAL, OTHER AIRCRAFT					
MODIFICATION OF AIRCRAFT					
28 EA-6 SERIES	9,799		9,799		+8,000
29 AEA SYSTEMS	23,151		31,151		+3,300
30 AV-8 SERIES	41,890		45,190		
31 ADVERSARY	5,816		5,816		
32 F-18 SERIES	978,756		939,556		-39,200
34 H-53 SERIES	46,887		46,887		
35 SH-60 SERIES	107,728		100,928		-6,800
36 H-1 SERIES	42,315		40,565		-1,750
37 EP-3 SERIES	41,784		44,984		+3,200
38 P-3 SERIES	3,067		3,067		
39 E-2 SERIES	20,741		20,741		
40 TRAINER A/C SERIES	27,980		27,980		
41 C-2A	8,157		8,157		
42 C-130 SERIES	70,335		66,735		-3,600
43 F4U	633		633		
44 CARGO/TRANSPORT A/C SERIES	8,916		8,916		
45 E-6 SERIES	185,253		185,253		
46 EXECUTIVE HELICOPTERS SERIES	76,138		72,338		
47 SPECIAL PROJECT AIRCRAFT	23,702		23,702		
48 T-45 SERIES	105,439		105,439		
49 POWER PLANT CHANGES	9,917		9,917		
50 JPATS SERIES	13,537		13,537		
51 COMMON ECM EQUIPMENT	131,732		131,732		
52 COMMON AVIONICS CHANGES	202,745		202,745		
53 COMMON DEFENSIVE WEAPON SYSTEM	3,062		3,062		
54 ID SYSTEMS	48,206		48,206		
55 P-8 SERIES	28,492		28,092		-400
56 MAGTF EW FOR AVIATION	7,680		7,680		
57 MQ-8 SERIES	22,464		22,464		
58 RQ-7 SERIES	3,773		3,773		
59 V-22 (TILT/ROTOR AGFT) OSPREY	121,208		144,208		+23,000
60 F-35 STOVL SERIES	256,106		256,106		
61 F-35 CV SERIES	68,527		48,527		-20,000
62 QUICK REACTION CAPABILITY (QRC)	6,885		6,885		
TOTAL, MODIFICATION OF AIRCRAFT	2,752,821		2,714,771		-38,050

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
63	AIRCRAFT SPARES AND REPAIR PARTS	.....	1,563,515	.....	1,463,515	.....	- 100,000
	SPARES AND REPAIR PARTS .....	.....		.....		.....
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	.....		.....		.....
64	COMMON GROUND EQUIPMENT .....	.....	450,959	.....	450,959	.....
65	AIRCRAFT INDUSTRIAL FACILITIES .....	.....	24,010	.....	24,010	.....
66	WAR CONSUMABLES .....	.....	42,012	.....	42,012	.....
67	OTHER PRODUCTION CHARGES .....	.....	2,455	.....	2,455	.....
68	SPECIAL SUPPORT EQUIPMENT .....	.....	50,859	.....	50,859	.....
69	FIRST DESTINATION TRANSPORTATION .....	.....	1,801	.....	1,801	.....
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES .....	.....	572,096	.....	572,096	.....
	TOTAL, AIRCRAFT PROCUREMENT, NAVY .....	.....	16,126,405	.....	17,392,174	.....	+ 1,265,769

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	F/A-18E/F (Fighter) Hornet		978,750	+ 978,750
	Authorization adjustment: Additional 12 aircraft—Navy UFR			+ 978,750
3	Joint Strike Fighter CV	897,542	778,142	- 119,400
	Restoring acquisition accountability: Delayed sustainment contract awards			- 105,000
	Restoring acquisition accountability: Unit cost growth			- 14,400
5	JSF STOVL	1,483,414	2,213,714	+ 730,300
	Authorization adjustment: Additional 6 aircraft and support equipment—USMC UFR			+ 846,000
	Restoring acquisition accountability: Delayed sustainment contract awards			- 95,000
	Restoring acquisition accountability: Unit cost growth			- 20,700
7	CH-53K (Heavy Lift)	41,300		- 41,300
	Restoring acquisition accountability: Advance procurement early to need			- 41,300
8	V-22 (Medium Lift)	1,436,355	1,421,355	- 15,000
	Restoring acquisition accountability: Unit cost growth			- 15,000
10	H-1 Upgrades (UH-1Y/AH-1Z)	800,057	795,405	- 4,652
	Maintain program affordability: Engineering change order funds excess to need			- 4,652
14	MH-60R [MYP]	969,991	964,991	- 5,000
	Budget documentation disparity: Poor justification of production line shutdown funds			- 5,000
17	P-8A Poseidon—AP	269,568	250,568	- 19,000
	Maintain program affordability: Advance procurement excess to need			- 19,000
23	MQ-4 Triton	494,259	391,759	- 102,500
	Restoring acquisition accountability: Quantity reduction from three to two aircraft			- 102,500
24	MQ-4 Triton—AP	54,577	5,098	- 49,479
	Restoring acquisition accountability: Advance procurement for two aircraft			- 49,479
25	MQ-8 UAV	120,020	156,020	+ 36,000
	Program increase: 3 additional MQ-8 aircraft for Navy			+ 36,000
27	Other Support Aircraft		15,100	+ 15,100
	Program increase: Additional UC-12W for USMC			+ 15,100
29	AEA Systems	23,151	31,151	+ 8,000
	Program increase			+ 8,000
30	AV-8 Series	41,890	45,190	+ 3,300
	Authorization adjustment: AV-8B Link 16 upgrades—Navy UFR			+ 3,300
32	F-18 Series	978,756	939,556	- 39,200
	Improving funds management: Prior year carryover			- 51,200
	Program increase: Update generators for EA-18 Growlers ..			+ 12,000
35	SH-60 Series	107,728	100,928	- 6,800
	Improving funds management: Prior year carryover			- 6,800
36	H-1 Series	42,315	40,565	- 1,750
	Maintain program affordability: Unjustified growth—installation funding			- 1,750
37	EP-3 Series	41,784	44,984	+ 3,200
	Program increase: 12th and final spiral 3 installation			+ 3,200
42	C-130 Series	70,335	66,735	- 3,600
	Maintain program affordability: Unjustified growth—installation funding			- 3,600
46	Executive Helicopters Series	76,138	72,338	- 3,800
	Maintain program affordability: Unjustified growth—installation funding			- 3,800
55	P-8 Series	28,492	28,092	- 400

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Improving funds management: Prior year carryover			-400
59	V-22 (Tilt/Rotor ACFT) Osprey	121,208	144,208	+23,000
	Authorization adjustment: MV-22 integrated aircraft survivability—MC UFR			+15,000
	Authorization adjustment: MV-22 ballistic protection—MC UFR			+8,000
61	F-35 CV Series	68,527	48,527	-20,000
	Improving funds management: Prior year carryover			-20,000
63	Spares and Repair Parts	1,563,515	1,463,515	-100,000
	Budget documentation disparity: Poor justification materials			-100,000

CH-53K Helicopter.—The fiscal year 2016 President’s budget request includes \$41,300,000 in advance procurement for the first two low rate initial production units of the CH-53K heavy lift helicopter for the Marine Corps. The Committee notes that developmental test has been delayed and now extends through June 2016. The Committee also understands that a milestone C decision is scheduled for the fourth quarter of fiscal year 2016. Therefore, the Committee believes that there is risk in the current schedule and it is premature to begin procurement of the CH-53K helicopter in fiscal year 2016 and recommends no funding for advance procurement.

MQ-4 Triton Unmanned Aerial Vehicle.—The fiscal year 2016 President’s budget requests \$494,259,000 for three low rate initial production [LRIP] Lot 1 aircraft. The President’s budget request also includes \$54,577,000 for advance procurement of three LRIP Lot 2 aircraft for production in fiscal year 2017. The Committee understands that Lots 1 and 2 will include only basic intelligence capability and that multiple intelligence capability will be added beginning with Lot 3 in fiscal year 2018. As expressed in the report accompanying the Senate version of the fiscal year 2015 Department of Defense Appropriations bill (Senate Report 113–211), the Committee remains concerned with software development delays. In addition, the delivery of the system demonstration test article [SDTA] aircraft has slipped from the second half of fiscal year 2015 to the first half of fiscal year 2017. Due to the Navy’s plan to meet the initial operational capability requirement with two SDTA aircraft and only two LRIP aircraft from Lot 1, the Committee recommends \$391,759,000 for two aircraft in fiscal year 2016 and sufficient funding in advance procurement, in addition to the funding provided in fiscal year 2015, to support the production of two aircraft in fiscal year 2017.

TH-57 Helicopter Trainers.—The Committee understands that the Navy rotary wing training fleet of TH-57B/C helicopters are equipped with obsolete avionics, increasingly costly to sustain and have little commonality with the rest of the rotary-wing fleet. Therefore, the Committee directs the Navy to submit a report to the congressional defense committees, not later than 180 days after enactment of the act, on the near and long-term plan to sustain and replace the TH-57 fleet.

WEAPONS PROCUREMENT, NAVY

Appropriations, 2015	\$3,137,257,000
Budget estimate, 2016	3,154,154,000
Committee recommendation	3,172,822,000

The Committee recommends an appropriation of \$3,172,822,000. This is \$18,668,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	WEAPONS PROCUREMENT, NAVY						
	BALLISTIC MISSILES						
	MODIFICATION OF MISSILES						
1	TRIDENT II MODS		1,099,064		1,099,064		
2	SUPPORT EQUIPMENT AND FACILITIES		7,748		7,748		
	MISSILE INDUSTRIAL FACILITIES						
	TOTAL, BALLISTIC MISSILES		1,106,812		1,106,812		
	OTHER MISSILES						
	STRATEGIC MISSILES						
3	TOMAHAWK	100	184,814	149	214,814	+ 49	+ 30,000
	TACTICAL MISSILES						
4	AMRAAM	167	192,873	167	207,873		+ 15,000
5	SIDEWINDER	227	96,427	227	96,427		
6	JSOW		21,419		21,419		
7	STANDARD MISSILE	113	435,352	113	435,352		
8	RAM	90	80,826	90	80,826		
11	STAND OFF PRECISION GUIDED MUNITION	27	4,265	27	4,265		
12	AERIAL TARGETS		40,792		40,792		
13	OTHER MISSILE SUPPORT		3,335		3,335		
	MODIFICATION OF MISSILES						
14	ESSM	30	44,440	30	44,440		
15	ESSM IAP-CYI		54,462		54,462		
16	HARM MODS		122,298		122,298		
	SUPPORT EQUIPMENT AND FACILITIES						
17	WEAPONS INDUSTRIAL FACILITIES		2,397		2,397		
18	FLEET SATELLITE COMM FOLLOW-ON		39,932		39,932		
	ORDNANCE SUPPORT EQUIPMENT						
19	ORDNANCE SUPPORT EQUIPMENT		57,641		31,309		- 26,332

	TOTAL, OTHER MISSILES	1,381,273		1,399,941		+ 18,668
	TORPEDOES AND RELATED EQUIPMENT					
	TORPEDOES AND RELATED EQUIP					
20	SSTD	7,380		7,380		
21	MK-48 TORPEDO	65,611	8	65,611		
22	ASW TARGETS	6,912		6,912		
23	MK-54 TORPEDO MODS	113,219		113,219		
	MOD OF TORPEDOES AND RELATED EQUIP					
24	MK-48 TORPEDO ADCAP MODS	63,317		63,317		
25	QUICKSTRIKE MINE	13,254		13,254		
	SUPPORT EQUIPMENT					
26	TORPEDO SUPPORT EQUIPMENT	67,701		67,701		
27	ASW RANGE SUPPORT	3,699		3,699		
	DESTINATION TRANSPORTATION					
28	FIRST DESTINATION TRANSPORTATION	3,342		3,342		
	TOTAL, TORPEDOES AND RELATED EQUIPMENT	344,435		344,435		
	OTHER WEAPONS					
	GUNS AND GUN MOUNTS					
29	SMALL ARMS AND WEAPONS	11,937		11,937		
	MODIFICATION OF GUNS AND GUN MOUNTS					
30	CWS MODS	53,147		53,147		
31	COAST GUARD WEAPONS	19,022		19,022		
32	GUN MOUNT MODS	67,980		67,980		
33	AIRBORNE MINE NEUTRALIZATION SYSTEMS	19,823		19,823		
	TOTAL, OTHER WEAPONS	171,909		171,909		
35	SPARES AND REPAIR PARTS	149,725		149,725		
	TOTAL, WEAPONS PROCUREMENT, NAVY	3,154,154		3,172,822		+ 18,668

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Tomahawk	184,814	214,814	+ 30,000
	Authorization adjustment: Return production to minimum sustainment rate—Navy UFR			+ 30,000
4	AMRAAM	192,873	207,873	+ 15,000
	Authorization adjustment: Additional captive air training missiles			+ 15,000
19	Ordnance Support Equipment	57,641	31,309	– 26,332
	Classified program adjustment			– 30,000
	Authorization adjustment: Classified program			+ 3,668

Joint Stand-Off Weapon.—The Committee supports international sales of the Joint Stand-Off Weapon [JSOW], of which \$2,000,000,000 in foreign sales are expected across the future years defense program. In order to protect industrial base capability, the Navy and Defense Security Cooperation Agency should to take all steps to expeditiously finalize foreign military sales contracts with international customers that have already been notified and approved by Congress, and work with other allied partner nations to sustain the capability provided by JSOW.

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2015	\$674,100,000
Budget estimate, 2016	723,741,000
Committee recommendation	728,741,000

The Committee recommends an appropriation of \$728,741,000. This is \$5,000,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROC AMMO, NAVY						
	NAVY AMMUNITION						
1	GENERAL PURPOSE BOMBS		101,238		101,238		
2	AIRBORNE ROCKETS, ALL TYPES		67,289		67,289		
3	MACHINE GUN AMMUNITION		20,340		20,340		
4	PRACTICE BOMBS		40,365		40,365		
5	CARTRIDGES & CART ACTUATED DEVICES		49,377		49,377		
6	AIR EXPENDABLE COUNTERMEASURES		59,651		59,651		
7	JATOS		2,806		2,806		
8	LRLAP 6 INCH LONG RANGE ATTACK PROJECTILE		11,596		11,596		
9	5 INCH/54 GUN AMMUNITION		35,994		40,994		+ 5,000
10	INTERMEDIATE CALIBER GUN AMMUNITION		36,715		36,715		
11	OTHER SHIP GUN AMMUNITION		45,483		45,483		
12	SMALL ARMS & LANDING PARTY AMMO		52,080		52,080		
13	PYROTECHNIC AND DEMOLITION		10,809		10,809		
14	AMMUNITION LESS THAN \$5 MILLION		4,469		4,469		
	TOTAL, PROC AMMO, NAVY		538,212		543,212		+ 5,000
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
15	SMALL ARMS AMMUNITION		46,848		46,848		
16	LINEAR CHARGES, ALL TYPES		350		350		
17	40MM, ALL TYPES		500		500		
18	60MM, ALL TYPES		1,849		1,849		
19	81MM, ALL TYPES		1,000		1,000		
20	120MM, ALL TYPES		13,867		13,867		
21	GRENADES, ALL TYPES		1,390		1,390		
22	ROCKETS, ALL TYPES		14,967		14,967		
23	ARTILLERY, ALL TYPES		45,219		45,219		
24	FUZE, ALL TYPES		29,335		29,335		
25	NON LETHALS		3,868		3,868		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
28	AMMO MODERNIZATION		15,117		15,117		
29	ITEMS LESS THAN \$5 MILLION		11,219		11,219		
	TOTAL, PROC AMMO, MARINE CORPS		185,529		185,529		
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		723,741		728,741		+ 5,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
9	5 Inch/54 Gun Ammunition	35,994	40,994	+ 5,000
	Program increase .....	.....	.....	+ 5,000

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 2015	\$15,954,379,000
Budget estimate, 2016	16,597,457,000
Committee recommendation	18,176,362,000

The Committee recommends an appropriation of \$18,176,362,000. This is \$1,578,905,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SHIPBUILDING & CONVERSION, NAVY						
	OTHER WARSHIPS						
1	CARRIER REPLACEMENT PROGRAM	1,634,701	1,634,701		1,634,701		
2	CARRIER REPLACEMENT PROGRAM [AP-CY]	874,658	874,658		683,200		-191,458
3	VIRGINIA CLASS SUBMARINE	3,346,370	3,346,370	2	3,346,370		
4	VIRGINIA CLASS SUBMARINE [AP-CY]	1,993,740	1,993,740	1	1,993,740		
5	CVN REFUELING OVERHAUL	678,274	678,274		678,274		
6	CVN REFUELING OVERHAULS [AP-CY]	14,951	14,951		14,951		
7	DDG 1000	433,404	433,404		433,404		
8	DDG-51	3,149,703	3,149,703	2	4,149,703		+1,000,000
10	LITTORAL COMBAT SHIP	1,356,991	1,356,991	3	1,331,591		-25,400
	TOTAL, OTHER WARSHIPS		13,482,792		14,265,934		+783,142
	AMPHIBIOUS SHIPS						
12	LPD-17	550,000	550,000	1	550,000		+97,000
13	AFLOAT FORWARD STAGING BASE [AP-CY]				97,000		+199,000
14	LHA REPLACEMENT [AP-CY]	277,543	277,543		476,543		+250,000
15	LX(R)-AP			1	250,000		+225,000
16	JOINT HIGH SPEED VESSEL			1	225,000		+771,000
	TOTAL, AMPHIBIOUS SHIPS		827,543		1,598,543		
	AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS						
17	TAO FLEET OILER	674,190	674,190	1	674,190		+75,000
17A	T-ATS(X) FLEET TUG			1	75,000		+34,000
17B	LCU REPLACEMENT			1	34,000		
19	MOORED TRAINING SHIP (AP)	138,200	138,200		138,200		
20	OUTFITTING	697,207	697,207		663,970		-33,237
21	SHIP TO SHORE CONNECTOR	255,630	255,630	4	204,630		-51,000
22	SERVICE CRAFT	30,014	30,014		30,014		
23	LOGAC SLEP	80,738	80,738	4	80,738		
24	YP CRAFT MAINTENANCE/ROH/SLEP	21,838	21,838		21,838		
25	COMPLETION OF PY SHIPBUILDING PROGRAMS	389,305	389,305		389,305		

TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM .....	.....	2,287,122	.....	2,311,885	.....	+ 24,763
TOTAL, SHIPBUILDING & CONVERSION, NAVY .....	.....	16,597,457	.....	18,176,362	.....	+ 1,578,905

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Carrier Replacement Program—AP	874,658	683,200	− 191,458
	Restoring acquisition accountability: Defer non-nuclear long-lead material			− 191,458
8	DDG-51	3,149,703	4,149,703	+ 1,000,000
	Program increase: Funding to support incremental funding authorization for an additional DDG-51			+ 1,000,000
10	Littoral Combat Ship	1,356,991	1,331,591	− 25,400
	Restoring acquisition accountability: Defer weight and survivability enhancements until more research and development is completed			− 25,400
13	Afloat Forward Staging Base—AP		97,000	+ 97,000
	Authorization adjustment: Accelerate shipbuilding funding			+ 97,000
14	LHA Replacement—AP	277,543	476,543	+ 199,000
	Authorization adjustment: Accelerate LHA-8 advanced procurement			+ 199,000
15	LX(R)—AP		250,000	+ 250,000
	Program increase: Funding to support authorization proposal to accelerate delivery of LX(R) class ships			+ 250,000
16	Joint High Speed Vessel		225,000	+ 225,000
	Additional Joint High Speed Vessel			+ 225,000
17A	T-ATS(X) Fleet Tug		75,000	+ 75,000
	Authorization adjustment: Accelerate T-ATS(X)			+ 75,000
17B	LCU Replacement		34,000	+ 34,000
	Authorization adjustment: Accelerate LCU replacement			+ 34,000
20	Outfitting	697,207	663,970	− 33,237
	Improving funds management: Post delivery funds early to need			− 33,237
21	Ship to Shore Connector	255,630	204,630	− 51,000
	Restoring acquisition accountability: Slow production ramp to reduce concurrency			− 51,000

Shipbuilding Cost Reports.—Cost reports provide the Government with actual program costs and are used to validate cost models, which lead to improved cost estimates for future systems. Therefore, access to timely and accurate cost data is vital to the budgeting process and results in more informed decisionmaking. Cost reports are especially important for shipbuilding programs, since ships generally take several years to design, construct and deliver.

The Committee understands that the Department of Defense Director of Cost Assessment and Program Evaluation [CAPE] is not receiving cost reports for many shipbuilding programs from various shipyards and the Navy, particularly cost reports from major subcontractors and large dollar value government furnished equipment systems. The Committee directs the Director of CAPE to provide a list of delinquent and deficient cost reports to the Secretary of the Navy and the congressional defense committees not later than 60 days after the enactment of this act. Further, the Committee directs the Secretary of the Navy to work with the Director of CAPE and provide a plan to improve shipbuilding cost reporting to the congressional defense committees not later than 90 days after the enactment of this act. The plan should include a schedule with esti-

mated dates for outstanding contractors and program offices to submit all cost report data due to CAPE and a status of establishing cost reporting plans for current deficient programs and contracts. Further, this plan should lay out the strategy for providing cost data to the Director of CAPE and the cost community in a timely manner.

Shipbuilding Industrial Base and Workload Allocation.—As expressed in the report accompanying the Senate version of the fiscal year 2015 Department of Defense Appropriations Bill (Senate Report 113–211), the Committee remains concerned about the overall health of the shipbuilding industrial base and specifically about the health of the non-nuclear surface combatant shipbuilding industry. In compliance with Senate Report 113–211, the Navy submitted a report to Congress dated February 25, 2015, titled “Shipbuilding Industrial Base and Workload Allocation”. The Committee was disappointed when this report failed to describe how the Navy intended to meet its remaining obligations under a 2002 workload allocation agreement that the Navy reaffirmed in 2009 and still considers “in full force and effect.” While Congress is not a party to this agreement, the Committee finds it unacceptable that the Navy is unable “to determine the extent to which its obligations relating to the workload allocation provision remain unfulfilled.” The Committee also finds it troubling that the Navy communicated to Congress that it “has not fully considered all of the options” related to the agreement.

Consistent with the intent of the agreement signed by the Navy, funding for an additional DDG–51 *Arleigh Burke*-class destroyer would preserve options for maintaining an efficient and stable non-nuclear shipbuilding industrial base. It would also mitigate unfulfilled combatant commander requirements for large surface combatants. In addition, according to section 117 of S. 1376, the National Defense Authorization Act for Fiscal Year 2016, as reported, the Secretary of the Navy is authorized to incrementally fund an additional DDG–51 *Arleigh Burke*-class destroyer. Therefore, the Committee recommends an increase of \$1,000,000,000 in incremental funding for one *Arleigh Burke*-class destroyer in addition to the ten DDG–51s in the fiscal year 2013–2017 multiyear procurement contract.

Amphibious Warship Construction.—The Committee commends the Navy for including \$550,000,000 in the fiscal year 2016 budget request to build a 12th LPD–17 *San Antonio*-class amphibious ship. This additional ship will help reduce the level of risk being assumed with amphibious lift capability. As noted in previous Senate reports, the Navy and Marine Corps have agreed on a fiscally constrained minimum force of 33 ships to meet a 38 amphibious warship force requirement. This additional ship also provides continued stability and cost savings opportunities to the shipbuilding industrial base.

The Committee was also pleased when the Secretary of the Navy, the Chief of Naval Operations, and the Commandant of the Marine Corps agreed to support the LSD amphibious warship replacement program, known as LX(R), with a derivative of the LPD–17 *San Antonio*-class hull form. As detailed in the report accompanying the Senate version of the fiscal year 2010 Department of Defense Ap-

ropriations Bill (Senate Report 111–74), the Committee supports the use of common hull forms as a way to control ship costs and maintain production schedules. The use of an existing or common hull form for the LX(R) program will improve the Navy’s ability to deliver on a program that builds ships on time and on budget.

While the Committee was pleased with the Navy’s LX(R) hull form decision, it was disappointed the budget request contained no advance procurement funds for the program. The Committee believes the Navy’s current LX(R) build plan does not take advantage of the efficiencies and subsequent cost avoidance inherent in maintaining an active industrial base for construction of vessels utilizing the LPD–17 hull form. As a result, the Committee does not support the Navy’s current program of record construction start date of fiscal year 2020 and believes the optimum construction start for LX(R) class vessels is as early as fiscal year 2018. Therefore, the Committee recommends \$250,000,000 in advance procurement funding for investment in engineering design and planning, and long lead time equipment including propulsion, steering and electrical generating equipment, air conditioning plants, castings, and other items necessary to accelerate construction start of the first LX(R) vessel.

Finally, consistent with S. 1376, the National Defense Authorization Act for Fiscal Year 2016, as reported, the Committee recommends an additional \$199,000,000 in advance procurement funding for the LHA amphibious assault warship replacement program. As noted in the report accompanying S. 1376, these additional funds would expedite delivery of LHA 8 enabling the Navy to reach the force structure assessment objective of 11 large deck amphibious ships as early as fiscal year 2023.

Joint High Speed Vessel [JHSV].—The Department of the Navy is procuring JHSVs for fast intra-theater transportation of troops, military vehicles and equipment. Congress provided funds for an additional JHSV in the Department of Defense Appropriations Act, 2015 (Public Law 113–235) because the Navy assumed risk with the overall JHSV requirement when it reduced the program procurement objective from 18 to 10 ships with the fiscal year 2013 budget submission. Considering the ability of the JHSV to support all branches of the military services, provide intra-theater sealift, operate in littoral environments and austere port environments, and support humanitarian/disaster relief activities, the Committee continues to support procuring additional JHSVs to address the original requirement. Further, the Committee continues to note that one JHSV continues to be used as an experimental test platform for Navy technology projects. Therefore, the Committee recommends \$225,000,000 to procure one JHSV in fiscal year 2016.

Cruiser and Dock Landing Ship Phased Modernization.—The Navy’s fiscal year 2016 budget request does not fully fund a phased modernization plan for Cruiser and Dock Landing ships, in contravention to direction provided in the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291) and the Department of Defense Appropriations Act, 2015 (Public Law 113–235). Consistent with the report accompanying the Senate version of the fiscal year 2016 National Defense Authorization Act (Senate Report 114–49), as re-

ported, the Committee believes the Navy should request full funding in fiscal year 2017 and throughout the future years defense program [FYDP] for the phased modernization program for cruisers and dock landing ships in the regular appropriations accounts. Consistent with Committee direction provided since fiscal year 2013, the Committee expects the Navy to fully program across the FYDP for all manpower, readiness, and modernization associated with its phased modernization plan.

Intergovernmental Support for New Vessel Construction.—The Committee recognizes that the Navy has the most experienced Federal capacity and capability for managing new vessel construction and acquisition. Leveraging the successful construction of the Navy’s Auxiliary General Oceanographic Research [AGOR] class vessel built for the Nation’s academic research fleet, the National Oceanic and Atmospheric Administration [NOAA] has been coordinating with the Navy on the design and acquisition for NOAA’s new series of Ocean Survey Vessels. While funding for NOAA vessels is provided in legislation making appropriations for the Departments of Commerce and Justice, for science-related programs, and related agencies, and not this act, the Committee directs the Navy to continue working with NOAA to support the interagency agreement for the Navy to acquire ships for NOAA, which was signed by the two agencies in May 2014.

Polar-Class Icebreakers.—Senate Report 113–211, accompanying the Department of Defense Appropriations Act, 2015, noted the Committee’s support for the interagency process to develop requirements for a new Polar-class icebreaker or similarly Arctic-capable surface vessel to recognize the strategic importance of Arctic operations to our Nation’s future security and prosperity. Accordingly, Senate Report 113–211 directed the Deputy Secretary of Defense, in cooperation with the Secretary of the Navy and the Commandant of the United States Coast Guard to provide the congressional defense committees a plan to begin expanding U.S. icebreaking capacity. The Committee looks forward to receiving the report and associated briefing in a timely manner.

OTHER PROCUREMENT, NAVY

Appropriations, 2015	\$5,846,558,000
Budget estimate, 2016	6,614,715,000
Committee recommendation	6,329,750,000

The Committee recommends an appropriation of \$6,329,750,000. This is \$284,965,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
	SHIP PROPULSION EQUIPMENT						
1	LW-2500 GAS TURBINE		4,881		4,881		
2	ALLISON 501K GAS TURBINE		5,814		5,814		
3	HYBRID ELECTRIC DRIVE (HED)		32,906		29,106		-3,800
	GENERATORS						
4	SURFACE COMBATANT HM&E		36,860		36,860		
	NAVIGATION EQUIPMENT						
5	OTHER NAVIGATION EQUIPMENT		87,481		87,481		
	PERISCOPES						
6	SUB PERISCOPES & IMAGING EQUIP		63,109		63,109		
	OTHER SHIPBOARD EQUIPMENT						
7	DDG MOD		364,157		361,195		-2,962
8	FIREFIGHTING EQUIPMENT		16,089		13,983		-2,106
9	COMMAND AND CONTROL SWITCHBOARD		2,255		2,255		
10	LHA/LHD MIDLIFE		28,571		26,545		-2,026
11	LCC 19/20 EXTENDED SERVICE LIFE		12,313		8,631		-3,682
12	POLLUTION CONTROL EQUIPMENT		16,609		16,609		
13	SUBMARINE SUPPORT EQUIPMENT		10,498		10,498		
14	VIRGINIA CLASS SUPPORT EQUIPMENT		35,747		35,747		
15	LCS CLASS SUPPORT EQUIPMENT		48,399		39,349		-9,050
16	SUBMARINE BATTERIES		23,072		23,072		
17	LPD CLASS SUPPORT EQUIPMENT		55,283		43,462		-11,821
18	STRATEGIC PLATFORM SUPPORT EQUIP		18,563		18,563		
19	DSSP EQUIPMENT		7,376		7,376		
21	LCAC		20,965		15,125		-5,840
22	UNDERWATER EOD PROGRAMS		51,652		46,376		-5,276
23	ITEMS LESS THAN \$5 MILLION		102,498		77,860		-24,638
24	CHEMICAL WARFARE DETECTORS		3,027		3,027		
25	SUBMARINE LIFE SUPPORT SYSTEM		7,399		7,399		

(Dollars in thousands)

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
50	RECONNAISSANCE EQUIPMENT						
51	SHIPBOARD IW EXPLOIT		148,221		138,002		- 10,219
	AUTOMATED IDENTIFICATION SYSTEM (AIS)		152		152		
52	SUBMARINE SURVEILLANCE EQUIPMENT						
	SUBMARINE SUPPORT EQUIPMENT PROG		79,954		78,816		-1,138
53	OTHER SHIP ELECTRONIC EQUIPMENT						
54	COOPERATIVE ENGAGEMENT CAPABILITY		25,695		25,695		
55	TRUSTED INFORMATION SYSTEM (TIS)		284		284		
56	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)		14,416		14,416		
57	ATDLS		23,069		23,069		
58	NAVY COMMAND AND CONTROL SYSTEM (NCCS)		21,014		21,014		
59	MINESWEEPING SYSTEM REPLACEMENT		18,077				- 18,077
60	SHALLOW WATER MCM		12,359		12,359		
61	NAVSTAR GPS RECEIVERS (SPACE)		4,240		4,240		
62	ARMED FORCES RADIO AND TV		17,440		17,440		
	STRATEGIC PLATFORM SUPPORT EQUIP						
	TRAINING EQUIPMENT						
63	OTHER TRAINING EQUIPMENT		41,314		41,314		
64	AVIATION ELECTRONIC EQUIPMENT						
65	MATCALS		10,011		10,011		
66	SHIPBOARD AIR TRAFFIC CONTROL		9,346		9,346		
67	AUTOMATIC CARRIER LANDING SYSTEM		21,281		21,281		
68	NATIONAL AIR SPACE SYSTEM		25,621		25,621		
69	FLEET AIR TRAFFIC CONTROL SYSTEMS		8,249		8,249		
70	LANDING SYSTEM		14,715		14,715		
71	ID SYSTEMS		29,676		29,676		
	TAC A/C MISSION PLANNING SYSTEMS]		13,737		13,737		
72	OTHER SHORE ELECTRONIC EQUIPMENT						
73	DEPLOYABLE JOINT COMMAND AND CONT		1,314		1,314		
74	TADIX-B		13,600		13,600		
75	DCGS-N		31,809		31,809		
76	CANES		278,991		275,641		-3,350

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
103	METEOROLOGICAL EQUIPMENT		15,090		15,090		
104	OTHER PHOTOGRAPHIC EQUIPMENT		638		638		
106	AIRBORNE MINE COUNTERMEASURES		14,098		14,098		
111	AVIATION SUPPORT EQUIPMENT		49,773		49,773		
	TOTAL, AVIATION SUPPORT EQUIPMENT		419,225		419,225		
	ORDNANCE SUPPORT EQUIPMENT						
112	SHIP GUN SYSTEM EQUIPMENT		5,300		5,300		
	SHIP GUN SYSTEMS EQUIPMENT						
115	SHIP MISSILE SYSTEMS EQUIPMENT		298,738		276,503		- 22,235
120	SHIP MISSILE SUPPORT EQUIPMENT		71,245		71,245		
	TOMAHAWK SUPPORT EQUIPMENT						
123	FBM SUPPORT EQUIPMENT		240,694		240,694		
	STRATEGIC MISSILE SYSTEMS EQUIP						
124	ASW SUPPORT EQUIPMENT		96,040		96,040		
125	SSN COMBAT CONTROL SYSTEMS		30,189		30,189		
	ASW SUPPORT EQUIPMENT						
129	OTHER ORDNANCE SUPPORT EQUIPMENT		22,623		22,623		
130	EXPLOSIVE ORDNANCE DISPOSAL EQUIP		9,906		9,906		
	ITEMS LESS THAN \$5 MILLION						
134	OTHER EXPENDABLE ORDNANCE		99,707		99,707		
	TRAINING DEVICE MODS						
	TOTAL, ORDNANCE SUPPORT EQUIPMENT		874,442		852,207		- 22,235
135	CIVIL ENGINEERING SUPPORT EQUIPMENT						
136	PASSENGER CARRYING VEHICLES		2,252		2,252		
137	GENERAL PURPOSE TRUCKS		2,191		2,191		
138	CONSTRUCTION & MAINTENANCE EQUIP		2,164		2,164		
139	FIRE FIGHTING EQUIPMENT		14,705		14,705		
	TACTICAL VEHICLES		2,497		2,497		

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Hybrid Electric Drive [HED]	32,906	29,106	- 3,800
	Improving funds management: Support funding ahead of need			- 2,000
	Restoring acquisition accountability: Excess installation funding			- 1,800
7	DDG Mod	364,157	361,195	- 2,962
	Improving funds management: AWS upgrade prior year contract savings			- 2,962
8	Firefighting Equipment	16,089	13,983	- 2,106
	Restoring acquisition accountability: SCBA cost growth			- 2,106
10	LHA/LHD Midlife	28,571	26,545	- 2,026
	Improving funds management: VSD fire pump ahead of need			- 2,026
11	LCC 19/20 Extended Service Life Program	12,313	8,631	- 3,682
	Restoring acquisition accountability: LCC air search radar contract delay			- 3,682
15	LCS Class Support Equipment	48,399	39,349	- 9,050
	Restoring acquisition accountability: Habitability modification early to need			- 9,050
17	LPD Class Support Equipment	55,283	43,462	- 11,821
	Improving funds management: HW/SW obsolescence excess installation funding			- 2,000
	Improving funds management: Prior year carryover due to contract delays			- 9,821
21	LCAC	20,965	15,125	- 5,840
	Improving funds management: LCAC systems upgrade excess growth			- 5,840
22	Underwater EOD Programs	51,652	46,376	- 5,276
	Improving funds management: HULS retrofit kits ahead of need			- 1,652
	Improving funds management: MK18 mod 2 retrofit kits ahead of need			- 3,624
23	Items Less Than \$5 Million	102,498	77,860	- 24,638
	Improving funds management: Machinery plant upgrades excess installation funding			- 2,000
	Improving funds management: Automated voltage regulator funding carryover			- 5,149
	Improving funds management: PCMS funding carryover			- 10,555
	Restoring acquisition accountability: MLP AFSB SOF backfit excess cost			- 6,934
30	Other Ships Training Equipment	66,538	43,341	- 23,197
	Restoring acquisition accountability: LCS virtual ship training system growth			- 4,180
	Restoring acquisition accountability: LCS integrated tactical trainer ahead of need			- 19,017
31	Operating Forces Ipe	71,138	58,138	- 13,000
	Improving funds management: Shipyard capital investment program excess growth			- 13,000
33	LCS Common Mission Modules Equipment	23,500	23,061	- 439
	Restoring acquisition accountability: MPCE cost growth			- 439
34	LCS MCM Mission Modules	85,151	33,701	- 51,450
	Restoring acquisition accountability: COBRA ahead of need			- 17,700
	Restoring acquisition accountability: MCM mission module ahead of need			- 33,750
36	Remote Minehunting System [RMS]	87,627	53,077	- 34,550

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: RMMV ahead of need			- 34,550
38	SPQ-9B Radar	20,551	19,841	- 710
	Improving funds management: Installation funding carryover			- 710
40	SSN Acoustics	214,835	234,835	+ 20,000
	Authorization adjustment: Towed array—Navy UFR			+ 20,000
44	Submarine Acoustic Warfare System	21,119	18,696	- 2,423
	Improving funds management: NAE beacon contract savings			- 2,423
49	AN/SLO-32	324,726	302,732	- 21,994
	Restoring acquisition accountability: Block 1B3 excess installation funding			- 1,898
	Restoring acquisition accountability: Block 2 excess installation funding			- 20,096
50	Shipboard IW Exploit	148,221	138,002	- 10,219
	Restoring acquisition accountability: SSEE increment F ship cost growth			- 5,419
	Restoring acquisition accountability: SSEE increment F ship excess installation funding due to contract delays			- 4,800
52	Submarine Support Equipment Prog	79,954	78,816	- 1,138
	Restoring acquisition accountability: ICADF MMM antenna installation funding ahead of need			- 1,138
59	Shallow Water MCM	18,077		- 18,077
	Restoring acquisition accountability: COBRA ahead of need			- 18,077
76	CANES	278,991	275,641	- 3,350
	Restoring acquisition accountability: Installation cost growth			- 3,350
87	Submarine Broadcast Support	20,691	16,021	- 4,670
	Improving funds management: Low Band Universal Communication System (LBUCS) ahead of need			- 4,670
115	Ship Missile Support Equipment	298,738	276,503	- 22,235
	Maintain program affordability: Aegis support equipment excess growth			- 22,235
156	Environmental Support Equipment	26,795	21,062	- 5,733
	Improving funds management: Prior year carryover			- 5,733
161	Spares and Repair Parts	328,043	307,464	- 20,579
	Improving funds management: Prior year carryover			- 20,579

Littoral Combat Ship [LCS] Mission Modules.—The Committee continues to be concerned with the Navy's acquisition strategy for LCS mission modules. The Government Accountability Office has repeatedly noted that the Navy's strategy includes buying significant numbers of LCS mission modules before their performance is demonstrated and that the current inventory of mission packages exceeds the quantities necessary for operational testing. Additionally, the Director of Operational Test and Evaluation [DOT&E] noted in the latest DOT&E annual report that low operator proficiency, software immaturity, system integration issues and poor reliability of mine countermeasure components have continued to plague the program. Given these ongoing testing concerns, the Committee finds it prudent to slow the procurement of LCS mission modules and recommends a total reduction of \$104,516,000 to the fiscal year 2016 budget request for LCS mission modules and related components.

PROCUREMENT, MARINE CORPS

Appropriations, 2015	\$935,209,000
Budget estimate, 2016	1,131,418,000
Committee recommendation	1,239,618,000

The Committee recommends an appropriation of \$1,239,618,000. This is \$108,200,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, MARINE CORPS						
	WEAPONS AND COMBAT VEHICLES						
	TRACKED COMBAT VEHICLES						
1	AAV7A1 PIP		26,744		26,744		
2	LAV PIP		54,879		48,979		-5,900
	ARTILLERY AND OTHER WEAPONS						
3	EXPEDITIONARY FIRE SUPPORT SYSTEM		2,652		2,652		
4	155MM LIGHTWEIGHT TOWED HOWITZER		7,482		7,482		
5	HIGH MOBILITY ARTILLERY ROCKET SYSTEM		17,181		17,181		
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		8,224		8,224		
	OTHER SUPPORT						
7	MODIFICATION KITS		14,467		14,467		
8	WEAPONS ENHANCEMENT PROGRAM		488		488		
	TOTAL, WEAPONS AND COMBAT VEHICLES		132,117		126,217		-5,900
	GUIDED MISSILES AND EQUIPMENT						
	GUIDED MISSILES						
9	GROUND BASED AIR DEFENSE		7,565		7,565		
10	JAVELIN		1,091		1,091		
11	FOLLOW ON TO SIMAW		4,872		4,872		
12	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)		668		668		
	OTHER SUPPORT						
13	MODIFICATION KITS		12,495	2,070	152,495	+2,070	+140,000
	TOTAL, GUIDED MISSILES AND EQUIPMENT		26,691		166,691		+140,000
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMMAND AND CONTROL SYSTEMS						
14	COMBAT OPERATIONS CENTER		13,109		13,109		
15	COMMON AVIATION COMMAND AND CONTROL SYS		35,147		16,747		-18,400

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
16	REPAIR AND TEST EQUIPMENT						
	REPAIR AND TEST EQUIPMENT		21,210		21,210		
17	OTHER SUPPORT (TEL)		792		792		
	COMMAND AND CONTROL						
19	ITEMS UNDER \$5 MILLION (COMM & ELEC)		3,642		3,642		
20	AIR OPERATIONS C2 SYSTEMS		3,520		3,520		
21	RADAR + EQUIPMENT (NON-TEL)		35,118		35,118		
22	RADAR SYSTEMS	3	130,661	3	130,661		
23	GROUND/AIR TASK ORIENTED RADAR	4	84,916	4	84,916		
	RQ-21 UAS						
24	INTELL/COMM EQUIPMENT (NON-TEL)		9,136		9,136		
25	FIRE SUPPORT SYSTEM		29,936		29,936		
28	INTELLIGENCE SUPPORT EQUIPMENT		1,947		1,947		
	DCGS-MC						
31	OTHER COMM/ELEC EQUIPMENT (NON-TEL)		2,018		2,018		
32	NIGHT VISION EQUIPMENT		67,295		67,295		
	NEXT GENERATION ENTERPRISE NETWORK (NGEN)						
	OTHER SUPPORT (NON-TEL)						
33	COMMON COMPUTER RESOURCES		43,101		33,101		-10,000
34	COMMAND POST SYSTEMS		29,255		29,255		
35	RADIO SYSTEMS		80,584		80,584		
36	COMM SWITCHING & CONTROL SYSTEMS		66,123		66,123		
37	COMM & ELEC INFRASTRUCTURE SUPPORT		79,486		79,486		
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		736,996		708,596		-28,400
	SUPPORT VEHICLES						
	ADMINISTRATIVE VEHICLES						
38	COMMERCIAL PASSENGER VEHICLES		3,538		3,538		
39	COMMERCIAL CARGO VEHICLES		22,806		22,806		

41	TACTICAL VEHICLES								
	MOTOR TRANSPORT MODIFICATIONS		7,743		7,743				
43	JOINT LIGHT TACTICAL VEHICLE	109	79,429		79,429	109			
44	FAMILY OF TACTICAL TRAILERS		3,157		3,157				
	OTHER SUPPORT								
45	ITEMS LESS THAN \$5 MILLION		6,938		6,938				
	TOTAL, SUPPORT VEHICLES		123,611		123,611				
	ENGINEER AND OTHER EQUIPMENT								
	ENGINEER AND OTHER EQUIPMENT								
46	ENVIRONMENTAL CONTROL EQUIP ASSORT		94		94				
47	BULK LIQUID EQUIPMENT		896		896				
48	TACTICAL FUEL SYSTEMS		136		136				
49	POWER EQUIPMENT ASSORTED		10,792		10,792				
50	AMPHIBIOUS SUPPORT EQUIPMENT		3,235		3,235				
51	EOD SYSTEMS		7,666		7,666				
	MATERIALS HANDLING EQUIPMENT								
52	PHYSICAL SECURITY EQUIPMENT		33,145		33,145				
53	GARRISON MOBILE ENGR EQUIP		1,419		1,419				
	GENERAL PROPERTY								
57	TRAINING DEVICES		24,163		24,163				
58	CONTAINER FAMILY		962		962				
59	FAMILY OF CONSTRUCTION EQUIPMENT		6,545		9,045				+2,500
60	FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV)		7,533		7,533				
	OTHER SUPPORT								
62	ITEMS LESS THAN \$5 MILLION		4,322		4,322				
	TOTAL, ENGINEER AND OTHER EQUIPMENT		100,908		103,408				+2,500
63	SPARES AND REPAIR PARTS		8,292		8,292				
	CLASSIFIED PROGRAMS		2,803		2,803				
	TOTAL, PROCUREMENT, MARINE CORPS		1,131,418		1,239,618				+108,200

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	LAV PIP	54,879	48,979	- 5,900
	Improving funds management: Prior year carryover			- 5,900
13	Modification Kits	12,495	152,495	+ 140,000
	Authorization adjustment: Additional missiles			+ 140,000
15	Common Aviation Command and Control System	35,147	16,747	- 18,400
	Restoring acquisition accountability: Procurement early to need			- 18,400
33	Common Computer Resources	43,101	33,101	- 10,000
	Improving funds management: Prior year carryover			- 10,000
59	Family of Construction Equipment	6,545	9,045	+ 2,500
	Program increase: Grade control systems			+ 2,500

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2015	\$12,067,703,000
Budget estimate, 2016	15,657,769,000
Committee recommendation	15,890,661,000

The Committee recommends an appropriation of \$15,890,661,000. This is \$232,892,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, AIR FORCE						
	COMBAT AIRCRAFT						
	TACTICAL FORCES						
1	F-35	44	5,260,212	44	5,357,812		+ 97,600
2	F-35 (AP-CY)		460,260		460,260		
	TOTAL, COMBAT AIRCRAFT		5,720,472		5,818,072		+ 97,600
	AIRLIFT AIRCRAFT						
	OTHER AIRLIFT						
3	KC-46A TANKER	12	2,350,601	12	2,350,601		
4	C-130J	14	889,154	14	848,394		- 40,800
5	C-130J ADVANCE PROCUREMENT (CY)		50,000		50,000		
6	HC-130J	5	463,934	5	453,934		- 10,000
7	HC-130J		30,000		30,000		
8	MC-130J	8	828,472	8	790,872		- 37,600
9	MC-130J (AP)		60,000		60,000		
	TOTAL, AIRLIFT AIRCRAFT		4,672,161		4,583,761		- 88,400
	OTHER AIRCRAFT						
	HELICOPTERS						
	MISSION SUPPORT AIRCRAFT						
11	CIVIL AIR PATROL A/C	6	2,617	6	10,417		+ 7,800
	OTHER AIRCRAFT						
12	TARGET DRONES	75	132,028	75	132,028		
14	RQ-4 UAV		37,800		29,900		- 7,900
15	MQ-9	29	552,528	29	693,928		+ 141,400
	TOTAL, OTHER AIRCRAFT		724,973		866,273		+ 141,300

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MODIFICATION OF INSERVICE AIRCRAFT						
17	STRATEGIC AIRCRAFT						
18	B-2A		32,458		32,458		
19	B-1B		114,119		114,119		
20	LARGE AIRCRAFT INFRARED COUNTERMEASURES		148,987		144,987		-4,000
			84,335		84,335		
	TACTICAL AIRCRAFT						
22	F-15		464,367		682,071		+ 217,704
23	F-16		17,134		17,134		
24	F-22A		126,152		126,152		
25	F-35 MODIFICATIONS		70,167		70,167		
26	INCREMENT 3.2b		69,325		64,325		-5,000
	AIRLIFT AIRCRAFT						
28	C-5		5,604		2,604		-3,000
30	C-17A		46,997		46,997		
31	C-21		10,162		9,860		-302
32	C-32A		44,464		44,464		
33	C-37A		10,861		10,861		
	TRAINER AIRCRAFT						
34	GLIDER MODS		134		134		
35	T6		17,968		17,968		
36	T-1		23,706		22,956		-750
37	T-38		30,604		30,604		
	OTHER AIRCRAFT						
38	U-2 MODS		22,095		22,095		
39	KC-10A (ATCA)		5,611		5,611		
40	C-12		1,980		1,980		
42	VC-25A MOD		98,231		98,231		
43	C-40		13,171		6,586		-6,585
44	C-130		7,048		140,248		+ 133,200
45	C130I MODS		29,713		997		-28,716
46	C-135		49,043		49,043		

47	COMPASS CALL MODS	68,415	97,115	.....	.....	+ 28,700
48	RC-135	156,165	156,165	.....	.....	.....
49	E-3	13,178	13,178	.....	.....	.....
50	E-4	23,937	23,937	.....	.....	.....
51	E-8	18,001	18,001	.....	.....	.....
52	AIRBORNE WARNING AND CONTROL SYSTEM	183,308	183,308	.....	.....	.....
53	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	44,163	44,163	.....	.....	.....
54	H-1	6,291	6,291	.....	.....	.....
55	UH-1H REPLACEMENT	2,456	2,456	.....	.....	.....
56	H-60	45,731	23,831	.....	.....	- 21,900
57	RC-4 UAV MODS	50,022	50,022	.....	.....	.....
58	HQ/MC-130 MODIFICATIONS	21,660	16,660	.....	.....	- 5,000
59	OTHER AIRCRAFT	117,767	5,521	.....	.....	- 112,246
60	MQ-1 MODS	3,173	1,673	.....	.....	- 1,500
61	MQ-9 MODS	115,226	115,226	.....	.....	.....
63	CV-22 MODS	58,828	58,828	.....	.....	.....
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT	2,472,757	2,663,362	.....	.....	+ 190,605
64	AIRCRAFT SPARES AND REPAIR PARTS	656,242	656,242	.....	.....	.....
	INITIAL SPARES/REPAIR PARTS .....	.....	.....	.....	.....	.....
	TOTAL, AIRCRAFT SPARES AND REPAIR PARTS	656,242	656,242	.....	.....	.....
65	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	33,716	33,716	.....	.....	.....
	COMMON SUPPORT EQUIPMENT .....	.....	.....	.....	.....	.....
	AIRCRAFT REPLACEMENT SUPPORT EQUIP	33,716	33,716	.....	.....	.....
	POST PRODUCTION SUPPORT .....	.....	.....	.....	.....	.....
67	B-2A	38,837	38,837	.....	.....	.....
68	B-52	5,911	5,911	.....	.....	.....
69	C-17A	30,108	15,054	.....	.....	- 15,054
70	CV-22 POST PRODUCTION SUPPORT	3,353	3,353	.....	.....	.....
71	C-135	4,490	2,245	.....	.....	- 2,245
72	F-15 POST PRODUCTION SUPPORT	3,225	3,225	.....	.....	.....
73	F-16 POST PRODUCTION SUPPORT	14,969	14,969	.....	.....	.....
74	F-22A	971	971	.....	.....	.....
76	MQ-9	5,000	5,000	.....	.....	.....
	INDUSTRIAL PREPAREDNESS	18,802	18,802	.....	.....	.....
77	INDUSTRIAL PREPAREDNESS .....	.....	.....	.....	.....	.....

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
78	WAR CONSUMABLES		156,465		156,465		
	WAR CONSUMABLES						
	OTHER PRODUCTION CHARGES		1,052,814		961,900		- 90,914
79	OTHER PRODUCTION CHARGES						
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		1,368,661		1,260,448		- 108,213
	CLASSIFIED PROGRAMS		42,503		42,503		
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		15,657,769		15,890,661		+ 232,892

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	F-35	5,260,212	5,357,812	+ 97,600
	Restoring acquisition accountability: Delayed sustainment contract awards			- 180,000
	Restoring acquisition accountability: Unit cost growth			- 114,400
	Program increase: 4 additional aircraft utilizing program savings			+ 392,000
4	C-130J	889,154	848,354	- 40,800
	Restoring acquisition accountability: Unit cost growth and contract delays			- 40,800
6	HC-130J	463,934	453,934	- 10,000
	Restoring acquisition accountability: Unit cost growth			- 10,000
8	MC-130J	828,472	790,872	- 37,600
	Restoring acquisition accountability: Excess trainer funds and unit cost growth			- 37,600
11	Civil Air Patrol A/C	2,617	10,417	+ 7,800
	Program Increase			+ 7,800
14	RQ-4	37,800	29,900	- 7,900
	Restoring acquisition accountability: Unjustified other production request			- 7,900
15	MQ-9	552,528	693,928	+ 141,400
	Restoring acquisition accountability: Program management and unit cost growth			- 18,600
	Program increase: Procure eight MQ-9 aircraft—AF UFR			+ 160,000
19	B-52	148,987	144,987	- 4,000
	Restoring acquisition accountability: CONECT unit cost growth			- 4,000
22	F-15	464,367	682,071	+ 217,704
	Transfer F-15: AF requested to RDAF Line #136 F-15 Squadrons			- 12,796
	Restoring acquisition accountability: Milestone C delay ..			- 10,000
	Authorization adjustment: F-15C AESA radars (6)			+ 48,000
	Authorization adjustment: F-15D AESA radars (24)			+ 192,500
26	Increment 3.2b (F-22)	69,325	64,325	- 5,000
	Restoring acquisition accountability: Cost growth for 3.2B kits			- 5,000
28	C-5	5,604	2,604	- 3,000
	Improving funds management: Prior year carryover			- 3,000
31	C-21	10,162	9,860	- 302
	Improving funds management: Prior year carryover			- 302
36	T-1	23,706	22,956	- 750
	Restoring acquisition accountability: Excess program management and prior year carryover			- 750
43	C-40	13,171	6,586	- 6,585
	Improving funds management: Prior year carryover			- 6,585
44	C-130	7,048	140,248	+ 133,200
	Authorization adjustment: C-130H Electronic Prop Control System—AF UFR			+ 13,500
	Authorization adjustment: C-130H In-flight Prop Balancing System—AF UFR			+ 1,500
	Authorization adjustment: C-130H T-56 3.5 Engine Mods			+ 33,200
	Authorization adjustment: Funds to comply with Section 134, Fiscal Year 2015 NDAA			+ 75,000
	Program increase: Eight bladed propeller system			+ 10,000
45	C-130J Mods	29,713	997	- 28,716
	Restoring acquisition accountability: Block 8.1 development slip			- 28,716
47	Compass Call Mods EC-130	68,415	97,115	+ 28,700

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Authorization adjustment: Modification for restored EC-130H			+ 28,700
56	H-60	45,731	23,831	- 21,900
	Restoring acquisition accountability: Milestone C delay ..			- 21,900
58	HC/MC-130 Modifications	21,660	16,660	- 5,000
	Restoring acquisition accountability: Block 8.1 development slip			- 5,000
59	Other Aircraft	117,767	5,521	- 112,246
	Transfer COMSEC equipment: AF requested to OPAF Line #11 COMSEC			- 2,246
	Budget documentation disparity: Unjustified request			- 110,000
60	MQ-1 Mods	3,173	1,673	- 1,500
	Restoring acquisition accountability: Excess initial spares			- 1,500
69	C-17A	30,108	15,054	- 15,054
	Improving funds management: Prior year carryover			- 15,054
71	C-135	4,490	2,245	- 2,245
	Improving funds management: Prior year carryover			- 2,245
79	Other Production Charges	1,052,814	961,900	- 90,914
	Transfer NATO AGS: AF requested from RDAF Line #216 NATO AGS			+ 59,086
	Classified program adjustment			- 150,000

C-130 Beddown.—The Committee notes that the Air Force has not formally established a long term plan to augment the National Guard's fleet of C-130Hs with C-130Js. To accept new aircraft and to plan for modification of their existing C-130H fleet, the National Guard needs adequate time to prepare and budget for the future fleet mix. Therefore, the Committee directs the Secretary of the Air Force to provide a beddown plan that lays out, by location and fiscal year through the end of the C-130H's expected life, the future mix of the National Guard's C-130H and C-130J fleet not later than 180 days after enactment of this act.

F-16 Avionics Upgrade.—The F-16 Fighting Falcon is currently the primary multi-mission fighter for the Air Force. As threats and tactics evolve and weapons and sensor technologies improve, the need to modernize F-16 avionics to take full advantage of these advances becomes undeniable. Therefore, the Committee encourages the Air Force to undertake strategic avionics upgrades to ensure the F-16, particularly the older blocks, remains capable of fulfilling its central role in the fleet and combat relevance.

USAF UH-1N Replacement.—The fiscal year 2016 President's budget request includes \$2,456,000 for the UH-1N replacement program. The Committee notes that there is no research and development funding for this program, and that the Air Force will proceed directly to procurement of non-developmental aircraft. The Committee is encouraged by this methodology as long as Joint Requirements Oversight Council validated requirements are met. The Committee believes this acquisition strategy may lower sustainment costs and affords expeditious procurement that will enable the Air Force to meet its objective of fielding replacement aircraft by 2017.

C-130 Avionics Modernization Program.—The Secretary of the Air Force may proceed with and accelerate a C-130H modification program known as AMP Increment 1 to address safety and air-

space compliance requirements, using funds provided in this bill and previous funds appropriated for the avionics modernization program of record. In addition, the Committee expects the Air Force to continue efforts for AMP Increment 2 modifications, using previously purchased components and leveraging research and development efforts to the maximum extent practical.

Undefinitized Contract Actions (UCA).—In the report accompanying the Senate version of the Department of Defense Appropriations Act, 2015 (Senate Report 113–211), the Committee directed the Government Accountability Office [GAO] to review the use of UCAs within the Aircraft Procurement, Air Force account to determine how often this contracting option is being utilized and for what purpose. The GAO completed the review and highlighted several troubling trends. According to the findings, GAO found that the Air Force obligated \$14,000,000,000 on UCAs from fiscal years 2010 through 2014 and the number of Air Force UCAs awarded has been relatively constant from fiscal year 2011 to 2014. Of the nine UCAs that the GAO reviewed, none were definitized within 180 days of contract award, as required in the Defense Federal Acquisition Regulation. Lastly, they found the Air Force has been using advance procurement funds to award undefinitized long-lead contracts, which the GAO found may be underreported in the Department’s semiannual “Undefinitized Contracts” report to Congress. The GAO reported that the most common rationale for definitization delays is insufficient pricing data and changing requirements. The Committee remains extremely concerned with the Air Force’s common practice of using UCAs.

The Committee is also concerned with the large amount of unobligated balances within the Aircraft Procurement, Air Force account. During the 2015 mid-year review, the Air Force had \$1,200,000,000 of fiscal year 2013 funds unobligated with only 6 months remaining before expiration, as well as \$3,900,000,000 of fiscal year 2014 funds unobligated. In a fiscally constrained environment, these practices need to change.

The Committee directs the Secretary of the Air Force to develop a policy requiring the Air Force Service Acquisition Executive to review and approve requirements changes when undefinitized contracting actions are utilized and provide a report to the congressional defense committees, not later than 180 days after enactment of this act, on the implementation of such policy. In addition, the Committee is concerned that the “Undefinitized Contracts” report to Congress does not encompass all of the UCAs being used by the Air Force. Therefore, the Committee directs the Air Force to modify the existing “Undefinitized Contracts” report, to include all current and future UCAs, the timeline to definitize each contract, and a plan on how to reduce the use of this contracting methodology on non-urgent requirements.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2015	\$4,629,662,000
Budget estimate, 2016	2,987,045,000
Committee recommendation	2,965,869,000

The Committee recommends an appropriation of \$2,965,869,000. This is \$21,176,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, AIR FORCE						
	BALLISTIC MISSILES						
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC						
1	MISSILE REPLACEMENT EQ—BALLISTIC		94,040		94,040		
	OTHER MISSILES						
	TACTICAL						
3	JOINT AIR-SURFACE STANDOFF MISSILE [JASSM]	360	440,578	360	430,578		-10,000
4	SIDEWINDER (AIM-9X)	506	200,777	506	198,247		-2,530
5	AWRAAM	262	390,112	262	381,466		-8,646
6	PREDATOR HELFIRE MISSILE	3,756	423,016	3,756	423,016		
7	SMALL DIAMETER BOMB	1,942	133,697	1,942	133,697		
	INDUSTRIAL FACILITIES						
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION		397		397		
	TOTAL, OTHER MISSILES		1,588,577		1,567,401		-21,176
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
9	MM III MODIFICATIONS		50,517		50,517		
10	AGM-650 MAVERICK		9,639		9,639		
11	AGM-88A HARM		197		197		
12	AIR LAUNCH CRUISE MISSILE		25,019		25,019		
	TOTAL, MODIFICATION OF INSERVICE MISSILES		85,372		85,372		
	SPARES AND REPAIR PARTS						
14	INITIAL SPARES/REPAIR PARTS		48,523		48,523		
	SPECIAL PROGRAMS						
28	SPECIAL UPDATE PROGRAMS		276,562		276,562		
	CLASSIFIED PROGRAMS		893,971		893,971		

[Dollars in thousands]

Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
					Qty.	Budget estimate
TOTAL, MISSILE PROCUREMENT, AIR FORCE	2,987,045	.....	2,965,869	.....	- 21,176

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Joint Air-Surface Standoff Missile	440,578	430,578	- 10,000
	Restoring acquisition accountability: Unit cost efficiencies .....	.....	.....	- 10,000
4	Sidewinder (AIM-9X)	200,777	198,247	- 2,530
	Restoring acquisition accountability: Unit cost efficiencies .....	.....	.....	- 2,530
5	AMRAAM	390,112	381,466	- 8,646
	Restoring acquisition accountability: Joint program unit cost variance .....	.....	.....	- 8,646

Advanced Medium Range Air-to-Air Missile [AMRAAM] Diminishing Manufacturing Sources/Material Shortages [DMSMS].—The Committee remains concerned about increasing AMRAAM DMSMS costs. A fiscal year 2013 Department report required by the Committee estimated AMRAAM DMSMS costs at 12.8 percent of total program production costs from fiscal year 2008 through fiscal year 2015. Actual DMSMS costs in fiscal years 2014 and 2015 were over 19 percent of total program costs, and are estimated to be over 17 percent in fiscal year 2016. For fiscal year 2015, DMSMS expenses almost doubled, from an estimated \$34,000,000 to \$63,000,000. The Committee is aware that many factors contribute to DMSMS costs, and that the Air Force has an active plan to sustain AMRAAM inventory beyond 2030 at reasonable expense. The Committee urges the Air Force to continue to be proactive in this effort.

SPACE PROCUREMENT, AIR FORCE

Appropriations, 2015 .....	.....
Budget estimate, 2016	\$2,584,061,000
Committee recommendation	2,891,159,000

The Committee recommends an appropriation of \$2,891,159,000. This is \$307,098,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SPACE PROGRAMS						
1	ADVANCED EHF		333,366		333,366		.....
2	WIDEBAND GAPPILLER SATELLITES		53,476		33,476		- 20,000
3	GPS III SPACE SEGMENT	1	199,218	1	199,218		.....
4	SPACEBORNE EQUIP (COMSEC)		18,362		13,362		- 5,000
5	GLOBAL POSITIONING (SPACE)		66,135		66,135		.....
6	DEF METEOROLOGICAL SAT PROG (SPACE)		89,351		.....		- 89,351
7	EVOLVED EXPENDABLE LAUNCH VEH INFRASTRUCTURE (SPACE)		571,276		571,276		.....
8	EVOLVED EXPENDABLE LAUNCH VEH (SPACE)	5	800,201	5	800,201		.....
9	SRIR HIGH (SPACE)		452,676		452,676		.....
10	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS		52,192		52,192		+ 52,192
11	SPACE BASED IR SENSOR PGM SPACE		90,190		90,190		+ 90,190
12	NAVSTAR GPS SPACE		2,029		2,029		+ 2,029
13	NUDET DETECTION SYS SPACE		5,095		5,095		+ 5,095
14	AF SATELLITE CONTROL NETWORK SPACE		76,673		76,673		+ 76,673
15	SPACE/LIFT RANGE SYSTEM SPACE		93,275		93,275		+ 93,275
16	MILSATCOM SPACE		35,495		35,495		+ 35,495
17	SPACE MODS SPACE		23,435		23,435		+ 23,435
18	COUNTERSPACE SYSTEM		43,065		43,065		+ 43,065
	TOTAL, SPACE PROCUREMENT, AIR FORCE		2,584,061		2,891,159		+ 307,098

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Wideband Gapfiller Satellites (Space)	53,476	33,476	- 20,000
	Restoring acquisition accountability: Unjustified cost growth			- 20,000
4	Spaceborne Equip (COMSEC)	18,362	13,362	- 5,000
	Improving funds management: Prior year carryover			- 5,000
6	Def Meteorological Sat Prog (Space)	89,351		- 89,351
	Program termination			- 89,351
10	Family of Beyond Line-of-Sight Terminals		52,192	+ 52,192
	Transfer from Other Procurement, Air Force line 43			+ 79,592
	Restoring acquisition accountability: Schedule slip			- 27,400
11	Space Based Ir Sensor Pgm Space		90,190	+ 90,190
	Transfer from Other Procurement, Air Force line 44			+ 90,190
12	Navstar GPS Space		2,029	+ 2,029
	Transfer from Other Procurement, Air Force line 45			+ 2,029
13	Nudet Detection Sys Space		5,095	+ 5,095
	Transfer from Other Procurement, Air Force line 46			+ 5,095
14	AF Satellite Control Network Space		76,673	+ 76,673
	Transfer from Other Procurement, Air Force line 47			+ 76,673
15	Spacelift Range System Space		93,275	+ 93,275
	Transfer from Other Procurement, Air Force line 48			+ 113,275
	Improving funds management: Prior year carryover			- 20,000
16	Milsatcom Space		35,495	+ 35,495
	Transfer from Other Procurement, Air Force line 49			+ 35,495
17	Space Mods Space		23,435	+ 23,435
	Transfer from Other Procurement, Air Force line 50			+ 23,435
18	Counterspace System		43,065	+ 43,065
	Transfer from Other Procurement, Air Force line 51			+ 43,065

Space Procurement.—The fiscal year 2016 budget requests a new 5-year appropriation account to fund space procurement programs. The Committee supports the creation of a new appropriation account and believes that all space-related procurement line items should be included. Therefore, the Committee recommendation transfers space-related items requested in Other Procurement, Air Force to the new Space Procurement, Air Force account. However, the Committee does not support the request for 5-year availability of funds and recommends retention of the standard 3-year time period for traditional procurement accounts.

Evolved Expendable Launch Vehicle Competition.—The Committee supports competition in the Evolved Expendable Launch Vehicle [EELV] program and appreciates the Air Force's efforts to find the proper balance between reducing launch costs and maintaining mission assurance as it transitions from a sole source to a competitive procurement environment. In an effort to further enhance competition, last year the Department of Defense Appropriations Act, 2015 added \$125,000,000 to double the number of competitive launch opportunities in fiscal year 2015 and required that the competition include at least two certified launch service providers. However, the Department of Defense and the Intelligence Community have notified the Committee that Section 1608 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291; 128 Stat.

3314) restricts the incumbent launch provider's use of the RD-180 engine on its most competitive launch vehicle, nullifying the intent of the Committee's \$125,000,000 add for a launch vehicle competition. Additionally, the Department has informed the Committee that Section 1608 would limit the availability of RD-180 engines for future competitions to five, which may create a multi-year gap where the Department has neither assured access to space nor an environment where price-based competition is possible. Therefore, the Committee recommends a rescission of \$125,000,000 from fiscal year 2015 funds due to the statutory impediment to competition. The Committee does not recommend a reduction of competitive launch opportunities in fiscal year 2016, because true competition may still be possible in fiscal year 2016 if Congress implements the Department's recommended modification to Section 1608. The Committee believes that this modification would enable a responsible transition away from the RD-180 as soon as possible while maintaining the goal of reducing launch costs through true competition. To ensure expeditious development of an alternative engine, the Committee recommendation also includes an increase of \$143,600,000 in Research, Development, Test and Evaluation, Air Force for rocket engine development.

Defense Meteorological Satellite Program.—The budget request includes \$89,351,000 for the Defense Meteorological Satellite Program [DMSP]. Last year, the Department of Defense Appropriation Act, 2015 outlined concerns about the excessive cost of launching this satellite and restricted \$50,000,000 of funding for the program, unless the Secretary of the Air Force could certify that the satellite would be launched by the end of calendar year 2016. The Air Force has notified Congress that it will not be able to launch DMSP-20 by 2016, but proposes launching the satellite in fiscal year 2018 or 2019 at a cost of between \$410,000,000 to \$455,000,000, in addition to approximately \$500,000,000 already spent on the satellite. The Committee questions the Air Force's decision to incur these additional costs to launch a satellite with 1990s technology that the Air Force has previously stated no longer meets its requirements. The Committee believes that such funds would be better spent on developing new technologies and enhancing the capabilities of the next generation of weather satellites. Therefore, the Committee recommends no funding for the DMSP program in fiscal year 2016. The Committee also recommends a rescission of the \$50,000,000 of fiscal year 2015 funds. The Committee expects the Air Force to bring the program to an orderly close with the remaining fiscal year 2015 funds.

Commercial Satellite Communications.—The Committee supports efforts by the Air Force to use pathfinder demonstrations to investigate non-traditional approaches for acquiring commercial satellite communications [SATCOM] capabilities. These efforts help the Air Force gain experience with different business models to enable innovative and affordable procurement of long-term commercial SATCOM and may obviate the need for future procurement of costly, military specific SATCOM satellites. The Committee encourages the Air Force to pursue additional pathfinder demonstrations to achieve savings and take advantage of improved technology and performance offered by commercial SATCOM providers.

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2015	\$659,909,000
Budget estimate, 2016	1,758,843,000
Committee recommendation	1,797,343,000

The Committee recommends an appropriation of \$1,797,343,000. This is \$38,500,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF AMMUNITION, AIR FORCE						
1	ROCKETS		23,788		23,788		
2	CARTRIDGES		131,102		169,602		+ 38,500
	BOMBS						
3	PRACTICE BOMBS		89,759		89,759		
4	GENERAL PURPOSE BOMBS		637,181		637,181		
5	MASSIVE ORDNANCE PENETRATOR (MOP)		39,690		39,690		
5	JOINT DIRECT ATTACK MUNITION	6,341	374,688	6,341	374,688		
	FLARE, IR MU-7B						
7	CAD/PAD		58,266		58,266		
8	EXPLOSIVE ORDNANCE DISPOSAL (EOD)		5,612		5,612		
9	SPARES AND REPAIR PARTS		103		103		
10	MODIFICATIONS		1,102		1,102		
11	ITEMS LESS THAN \$5,000,000		3,044		3,044		
	FUZES						
12	FLARES		120,935		120,935		
13	FUZES		213,476		213,476		
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE		1,698,746	1,737,246	+ 38,500		
	WEAPONS						
14	SMALL ARMS		60,097		60,097		
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE		1,758,843		1,797,343		+ 38,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Cartridges	131,102	169,602	+ 38,500
	Authorization adjustment: Increase to match size of A-10 fleet .....	.....	.....	+ 38,500

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2015	\$16,781,266,000
Budget estimate, 2016	18,272,438,000
Committee recommendation	17,997,359,000

The Committee recommends an appropriation of \$17,997,359,000. This is \$275,079,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE		8,834		8,834		
	CARGO + UTILITY VEHICLES						
2	FAMILY MEDIUM TACTICAL VEHICLE		58,160		58,160		
3	CAP VEHICLES		977		1,677		+ 700
4	ITEMS LESS THAN \$5M (CARGO)		12,483		12,483		
	SPECIAL PURPOSE VEHICLES						
5	SECURITY AND TACTICAL VEHICLES		4,728		4,728		
6	ITEMS LESS THAN \$5M (SPECIAL)		4,662		4,662		
	FIRE FIGHTING EQUIPMENT						
7	FIRE FIGHTING/CRASH RESCUE VEHICLES		10,419		10,419		
	MATERIALS HANDLING EQUIPMENT						
8	ITEMS LESS THAN \$5,000,000		23,320		23,320		
	BASE MAINTENANCE SUPPORT						
9	RUNWAY SNOW REMOVAL & CLEANING EQUIP		6,215		6,215		
10	ITEMS LESS THAN \$5M		87,781		87,781		
	TOTAL, VEHICULAR EQUIPMENT		217,579		218,279		+ 700
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
	COMM SECURITY EQUIPMENT(COMSEC)						
11	COMSEC EQUIPMENT		136,998		139,244		+ 2,246
12	MODIFICATIONS (COMSEC)		677		677		
	INTELLIGENCE PROGRAMS						
13	INTELLIGENCE TRAINING EQUIPMENT		4,041		4,041		
14	INTELLIGENCE COMM EQUIP		22,573		22,573		
15	MISSION PLANNING SYSTEMS		14,456		14,456		

(Dollars in thousands)

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	ORGANIZATION AND BASE						
52	TACTICAL C-E EQUIPMENT		77,538		113,538		+ 36,000
54	RADIO EQUIPMENT		8,400		8,400		
55	CCTV/AUDIOVISUAL EQUIPMENT		6,144		6,144		
56	BASE COMM INFRASTRUCTURE		77,010		67,010		- 10,000
	MODIFICATIONS						
57	COMM ELECT MODS		71,800		80,800		+ 9,000
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP		1,810,006		1,329,727		- 480,279
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
	PERSONAL SAFETY AND RESCUE EQUIP						
58	NIGHT VISION GOGGLES		2,370		2,370		
59	ITEMS LESS THAN \$5,000,000 (SAFETY)		79,623		69,623		- 10,000
	DEPOT PLANT + MATERIALS HANDLING EQ						
60	MECHANIZED MATERIAL HANDLING		7,249		7,249		
	BASE SUPPORT EQUIPMENT						
61	BASE PROCURED EQUIPMENT		9,095		15,095		+ 6,000
62	ENGINEERING AND EOD EQUIPMENT		17,866		17,866		
64	MOBILITY EQUIPMENT		61,850		61,850		
65	ITEMS LESS THAN \$5M (BASE SUPPORT)		30,477		20,477		- 10,000
	SPECIAL SUPPORT PROJECTS						
67	DARP RC135		25,072		25,072		
68	DISTRIBUTED GROUND SYSTEMS		183,021		159,021		- 24,000
70	SPECIAL UPDATE PROGRAM		629,371		629,371		
71	DEFENSE SPACE RECONNAISSANCE PROGRAM		100,663		100,663		
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP		1,146,657		1,108,657		- 38,000
	SPARE AND REPAIR PARTS						
73	SPARES AND REPAIR PARTS		59,863		59,863		
	CLASSIFIED PROGRAMS		15,038,333		15,280,833		+ 242,500

TOTAL, OTHER PROCUREMENT, AIR FORCE	18,272,438	17,997,359	-275,079
---	------------	-------	-------	------------	-------	----------

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Cap Vehicles	977	1,677	+ 700
	Program increase: Civil Air Patrol—vehicles			+ 700
11	Comsec Equipment	136,998	139,244	+ 2,246
	Transfer COMSEC equipment: Air Force-requested from APAF Line #59 Other Equipment			+ 2,246
16	Air Traffic Control & Landing Sys	31,823	28,823	- 3,000
	Improving Funds Management: Prior year carryover			- 3,000
25	General Information Technology	27,403	25,803	- 1,600
	Restoring acquisition accountability: Schedule slips (TDNE)			- 1,600
27	Mobility Command and Control	11,062	30,962	+ 19,900
	Authorization adjustment: Additional battlefield air operations kits—AF UFR			+ 19,900
28	Air Force Physical Security System	131,269	103,269	- 28,000
	Improving Funds Management: Prior year carryover			- 28,000
32	Integrated Personnel and Pay System	3,976		- 3,976
	Restoring acquisition accountability: Early to need			- 3,976
33	GCSS—AF Fos	25,515	15,015	- 10,500
	Improving Funds Management: Prior year carryover			- 3,000
	Restoring acquisition accountability: Schedule slips			- 7,500
34	Defense Enterprise Accounting and Mgmt System	9,255	4,755	- 4,500
	Restoring acquisition accountability: Early to need			- 4,500
36	Air & Space Operations Ctr-WPN SYS	12,043	10,043	- 2,000
	Restoring acquisition accountability: Schedule slips (10.1)			- 2,000
37	Air Operations Center [AOC] 10.2	24,246	14,246	- 10,000
	Restoring acquisition accountability: Early to need (AOC 10.2)			- 10,000
39	AFNET	103,748	98,748	- 5,000
	Restoring acquisition accountability: Excess growth			- 5,000
43	Family of Beyond Line-of-Sight Terminals	79,592		- 79,592
	Transfer to Space Procurement Air Force, Line 10			- 79,592
44	Space Based Ir Sensor Pgm Space	90,190		- 90,190
	Transfer to Space Procurement Air Force, Line 11			- 90,190
45	Navstar GPS Space	2,029		- 2,029
	Transfer to Space Procurement Air Force, Line 12			- 2,029
46	Nudet Detection Sys Space	5,095		- 5,095
	Transfer to Space Procurement Air Force, Line 13			- 5,095
47	AF Satellite Control Network Space	76,673		- 76,673
	Transfer to Space Procurement Air Force, Line 14			- 76,673
48	Spacelift Range System Space	113,275		- 113,275
	Transfer to Space Procurement Air Force, Line 15			- 113,275
49	Milsatcom Space	35,495		- 35,495
	Transfer to Space Procurement Air Force, Line 16			- 35,495
50	Space Mods Space	23,435		- 23,435
	Transfer to Space Procurement Air Force, Line 17			- 23,435
51	Counterspace System	43,065		- 43,065
	Transfer to Space Procurement Air Force, Line 18			- 43,065
52	Tactical C-E Equipment	77,538	113,538	+ 36,000
	Authorization adjustment: Increase JTAC training and rehearsal simulators—AF UFR			+ 36,000
56	Base Comm Infrastructure	77,010	67,010	- 10,000
	Improving Funds Management: Prior year carryover			- 10,000
57	Comm Elect Mods	71,800	80,800	+ 9,000
	Program increase: Radar reliability enhancements			+ 9,000
59	Items Less Than \$5 Million	79,623	69,623	- 10,000
	Improving Funds Management: Prior year carryover			- 10,000
61	Base Procured Equipment	9,095	15,095	+ 6,000
	Program increase: Joint training center equipment			+ 6,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
65	Items Less Than \$5 Million	30,477	20,477	-10,000
	Improving funds management: Prior year carryover			-10,000
68	DCGS-AF	183,021	159,021	-24,000
	Restoring acquisition accountability: Schedule slips (Geospatial Intelligence)			-6,000
	Restoring acquisition accountability: Schedule slips (Signals Intelligence)			-6,000
	Restoring acquisition accountability: Early to need (Multi-INT service oriented architecture)			-12,000
71A	Classified Programs	15,038,333	15,280,833	+242,500
	Classified program adjustment			+242,500

Energy Efficient Military Billeting.—The Committee continues to support efforts by the Department of Defense to leverage technology and deliver energy efficient returns on investments, such as thermal technologies in battlefield housing. Such technologies will realize cost savings by reducing the military’s battlefield fuel footprint while also making current billeting structures more energy efficient.

PROCUREMENT, DEFENSE-WIDE

Appropriations, 2015	\$4,429,303,000
Budget estimate, 2016	5,130,853,000
Committee recommendation	5,211,532,000

The Committee recommends an appropriation of \$5,211,532,000. This is \$80,679,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCAA						
1	MAJOR EQUIPMENT ITEMS LESS THAN \$5M		1,488				-1,488
	MAJOR EQUIPMENT, DCMA						
2	MAJOR EQUIPMENT		2,494		2,494		
	MAJOR EQUIPMENT, DHRA						
3	PERSONNEL ADMINISTRATION		9,341		9,341		
	MAJOR EQUIPMENT, DISA						
7	INFORMATION SYSTEMS SECURITY		8,080		8,080		
8	TELEPORT PROGRAM		62,789		62,789		
9	ITEMS LESS THAN \$5M		9,399		9,399		
10	NET CENTRIC ENTERPRISE SERVICES (NCES)		1,819		1,819		
11	DEFENSE INFORMATION SYSTEMS NETWORK		141,298		141,298		
12	CYBER SECURITY INITIATIVE		12,732		12,732		
13	WHITE HOUSE COMMUNICATION AGENCY		64,098		64,098		
14	SENIOR LEADERSHIP ENTERPRISE		617,910		617,910		
15	JOINT INFORMATION ENVIRONMENT		84,400		84,400		
	MAJOR EQUIPMENT, DLA						
16	MAJOR EQUIPMENT		5,644		5,644		
	MAJOR EQUIPMENT, DMACT						
17	A—WEAPON SYSTEM COST	4	11,208	4	11,208		
	MAJOR EQUIPMENT, DODEA						
18	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		1,298		1,298		
19	EQUIPMENT		1,048		1,048		
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
21	VEHICLES		100		100		
22	OTHER MAJOR EQUIPMENT		5,474		5,474		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
55	SHIPBUILDING						
	UNDERWATER SYSTEMS		32,521		29,021		-3,500
	AMMUNITION PROGRAMS						
56	SOF ORDNANCE ITEMS UNDER \$5,000,000		174,734		174,734		
57	OTHER PROCUREMENT PROGRAMS						
	SOF INTELLIGENCE SYSTEMS		93,009		93,009		
58	DGGS-SOF		14,964		14,964		
59	OTHER ITEMS UNDER \$5,000,000		79,149		79,149		
60	SOF COMBATANT CRAFT SYSTEMS		33,362		63,362		+30,000
61	SPECIAL PROGRAMS		143,533		117,815		-25,718
62	TACTICAL VEHICLES		73,520		73,520		
63	WARRIOR SYSTEMS UNDER \$5,000,000		186,009		195,809		+9,800
64	COMBAT MISSION REQUIREMENTS		19,693		14,693		-5,000
65	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES		3,967		3,967		
66	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE		19,225		19,225		
68	SOF OPERATIONAL ENHANCEMENTS		213,252		213,252		
	TOTAL, SPECIAL OPERATIONS COMMAND		1,733,795		1,637,782		-96,013
	CHEMICAL/BIOLOGICAL DEFENSE						
74	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		141,223		160,223		+19,000
75	CB PROTECTION AND HAZARD MITIGATION		137,487		137,487		
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		278,710		297,710		+19,000
	CLASSIFIED PROGRAMS		617,757		617,757		
	TOTAL, PROCUREMENT, DEFENSE-WIDE		5,130,853		5,211,532		+80,679

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Items Less Than \$5 Million	1,488		- 1,488
	Program termination			- 1,488
24	Aegis BMD	558,916	571,661	+ 12,745
	Transfer All Up Round procurement only: MDA-requested from line 25			+ 120,445
	Restoring acquisition accountability: Transfer Aegis BMD hardware and software procurements and installations to line 24A			- 107,700
24A	Aegis BMD Hardware		145,300	+ 145,300
	Restoring acquisition accountability: Transfer Aegis BMD hardware and software procurements and installations from line 24			+ 107,700
	Program increase: Aegis BMD 3.6 to 4x hardware procurements for DDG 72 and 76 only			+ 37,600
25	Aegis BMD (AP)	147,765		- 147,765
	Transfer All Up Round procurement only: MDA-requested to line 24			- 120,445
	Transfer additional SM-3 Block IB flight tests: MDA-requested to Research and Development, Defense-Wide, line 108			- 27,320
28	Iron Dome	55,000	41,400	- 13,600
	Improving funds management: Excess to requirement			- 13,600
XX	David's Sling		150,000	+ 150,000
	Authorization adjustment: Program increase for David's Sling			+ 150,000
XXX	Arrow 3		15,000	+ 15,000
	Authorization adjustment: Program increase for Arrow 3			+ 15,000
36	Major Equipment, OSD	46,939	44,439	- 2,500
	Maintain program affordability: Eliminate program growth			- 2,500
41	MC-12	63,170		- 63,170
	Transfer MC-12: SOCOM-requested to PDW Line #45 U-28			- 63,170
44	Non-Standard Aviation	61,275	11,000	- 50,275
	Restoring acquisition accountability: Acquisition strategy			- 50,275
45	U-28		54,600	+ 54,600
	Transfer MC-12: SOCOM requested from PDW Line #41 MC-12			+ 63,170
	Budget documentation disparity: Poor justification materials for low cost mods			- 8,570
47	RQ-11 Unmanned Aerial Vehicle	20,087	15,587	- 4,500
	Budget documentation disparity: Poor justification materials for MTUAS Ancillary Equipment			- 4,500
48	CV-22 Modification	18,832	15,582	- 3,250
	Budget documentation disparity: Poor justification materials for block upgrade modifications			- 3,250
50	MQ-9 Unmanned Aerial Vehicle	11,726	19,726	+ 8,000
	Improving funds management: Prior year carryover			- 2,000
	Authorization adjustment: MQ-9 capability enhancements			+ 10,000
54	C-130 Modifications	66,861	23,861	- 43,000
	Transfer MC-130 TFTA: SOCOM-requested to RDDW Line #240 Aviation Systems			- 7,500
	Restoring acquisition accountability: Early to need (TFTA)			- 27,500
	Restoring acquisition accountability: Early to need (EC-130J block A kits)			- 8,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
55	Underwater Systems	32,521	29,021	- 3,500
	Restoring acquisition accountability: Unit cost growth (SWCS)			- 3,500
60	Combatant Craft Systems	33,362	63,362	+ 30,000
	Program increase: High speed assault craft			+ 30,000
61	Special Programs	143,533	117,815	- 25,718
	Classified program adjustment			- 25,718
63	Warrior Systems <\$5M	186,009	195,809	+ 9,800
	Program increase: Visual Augmentation Systems			+ 4,800
	Program increase: Weapons optics			+ 5,000
64	Combat Mission Requirements	19,693	14,693	- 5,000
	Improving funds management: Prior year carryover			- 5,000
74	Chemical Biological Situational Awareness	141,223	160,223	+ 19,000
	Program increase			+ 19,000

Special Operations Command [SOCOM] Non-Standard Aviation.—The fiscal year 2016 President's budget request includes \$61,275,000 for the acquisition of three C-146A aircraft. The Committee is concerned with SOCOM's divestment strategy of C-145A aircraft, purchased as recently as fiscal years 2012 and 2013, and notes that significant investments have been made to upgrade the existing C-145A fleet. The Committee reduces the fiscal year 2016 request by \$50,275,000. In addition, the Committee directs the Commander of SOCOM to report on the divestment and acquisition strategy for the entire non-standard aviation fleet and provide this report to the congressional defense committees not later than 180 days after enactment of this act.

Rebreather Technology.—The Committee is aware of new underwater rebreather technology for Naval Special Warfare units. If proven, this technology could increase safety for combat divers as well as increase diver endurance while reducing maintenance associated with older carbon dioxide canisters. The Committee encourages the Commander of Special Operations Command to test and validate the utility of this new technology.

MISSILE DEFENSE AGENCY

AEGIS Ballistic Missile Defense [BMD] and SM-3 Block IB Interceptor.—The fiscal year 2016 budget request includes \$558,916,000 for the procurement and installation of AEGIS BMD upgrades and SM-3 Block IB interceptors. The Committee recommends the establishment of distinct funding lines for each effort and transfers funds requested for AEGIS BMD upgrades to a separate line. The Committee directs the Director, MDA to follow this budget structure in future budget submissions. Further, based on Combatant Command requirements and continued concerns with the Department's Destroyer modernization strategy, the Committee recommends an additional \$37,600,000 only for ballistic missile defense upgrades of two Flight II DDG 51 destroyers in fiscal year 2016.

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 2015	\$51,638,000
Budget estimate, 2016	46,680,000
Committee recommendation	76,680,000

The Committee recommends an appropriation of \$76,680,000. This is \$30,000,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES		46,680		76,680		+ 30,000

Additional Funding.—The Committee recognizes the critical role that the Defense Production Act [DPA] title III program serves in strengthening the U.S. defense industrial base and believes that this work is in the national interest. Therefore, the Committee increases funding for DPA by \$30,000,000 over the budget request. The Committee directs that the additional funding be competitively awarded to new initiatives and priority consideration should be given to completion of DPA projects initiated in prior years. Furthermore, the Committee directs the Under Secretary of Defense (Acquisition, Technology, and Logistics) to notify the congressional defense committees 30 days prior to any obligation or expenditure of these funds.