

**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 2017 budget requests a total of \$101,916,357,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$105,253,833,000 for fiscal year 2017. This is \$3,337,476,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2017 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

Account	2017 budget estimate	Committee recommendation	Change from budget estimate
Procurement:			
Aircraft Procurement, Army	3,614,787	4,088,298	+ 473,511
Missile Procurement, Army	1,519,966	1,501,289	- 18,677
Procurement of Weapons and Tracked Combat Vehicles, Army	2,265,177	2,161,777	- 103,400
Procurement of Ammunition, Army	1,513,157	1,467,066	- 46,091
Other Procurement, Army	5,873,949	5,862,299	- 11,650
Aircraft Procurement, Navy	14,109,148	15,472,048	+ 1,362,900
Weapons Procurement, Navy	3,209,262	3,226,750	+ 17,488
Procurement of Ammunition, Navy and Marine Corps	664,368	662,968	- 1,400
Shipbuilding and Conversion, Navy	18,354,874	20,460,724	+ 2,105,850
Other Procurement, Navy	6,338,861	6,229,762	- 109,099
Procurement, Marine Corps	1,362,769	1,362,769	.....
Aircraft Procurement, Air Force	13,922,917	13,667,822	- 255,095
Missile Procurement, Air Force	2,426,621	2,408,769	- 17,852
Space Procurement, Air Force	3,055,743	2,527,743	- 528,000
Procurement of Ammunition, Air Force	1,677,719	1,665,219	- 12,500
Other Procurement, Air Force	17,438,056	17,503,191	+ 65,135
Procurement, Defense-Wide	4,524,918	4,921,274	+ 396,356
Defense Production Act Purchases	44,065	64,065	+ 20,000
Total	101,916,357	105,253,833	+ 3,337,476

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

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 delineated 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. Addressing this concern, the Army in comments provided to the Government Accountability Office [GAO] in advance of its December 2015 report, *Actions Needed to Identify and Sustain Critical Capabilities*, the Army concurred with the GAO's recommendation that it must issue "clear and detailed implementation guidance, such as an instruction or guidebook, on the process for conducting make-or-buy analysis in a consistent manner." The Committee directs the Secretary of the Army to issue such guid-

ance as soon as possible. The Committee further directs the Secretary 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. Finally, the Committee notes that it has not yet received detailed recommendations from the Secretary of Defense on how the Air Force, Navy, and Marine Corps can better use the arsenals for their manufacturing needs, or what opportunities may exist for the arsenals to assist the services and the Defense Logistics Agency to procure for our spare parts inventory, as required by Senate Report 114-63.

Physical Access Control Systems.—The Committee remains concerned with control systems at base access points and encourages the Department to continue efforts to standardize these systems across the services while finding the most affordable solutions.

Equipment Modernization Reporting.—The Committee continues to support maintaining fully modernized reserve components. However, the methods used by the services to characterize and report the status of military equipment modernization hinder Congress' ability to determine relative levels of modernization across the active and reserve components. The services must establish and codify modernization principles that articulate the definition of the term "modern equipment" in such a way as to allow for transparent appropriation decisions. The Committee also notes that equipment listed on service divestiture lists is not acceptable for characterization as "modern" if fielded to the reserve components. The Committee directs the Secretary of Defense to promulgate service standards for reporting modern equipment in time for those standards to be reflected in the National Guard and Reserve Equipment Report for Fiscal Year 2018.

Equipment Transparency Report.—The Committee strongly supports the Department of Defense's policy of transparency and traceability of procurement funding for the reserve components. However, the Committee notes that the Department continues to have difficulty tracking funding requests for equipment for the reserve components. The Equipment Transparency Report, intended to provide such visibility, lacks the consistency and reliability needed to be definitive and is, by the Department's own admission, unreliable. The Committee supports the practice of including reserve component funding requests in parent service budgets, but seeks a clearer way to determine the impact of funding on actual equipment procurement. Therefore, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees, not later than 180 days after enactment of this act, outlining improvements or alternatives to the Equipment Transparency Report.

MUOS.—The Committee has previously noted the lack of alignment between the space, ground, and user equipment segments on various space-based acquisition programs. The Mobile User Objective System [MUOS] program has a satellite constellation in orbit but few communications terminals carrying the MUOS waveform

software. The Committee directs the Assistant Secretaries for Acquisition for both the Air Force and the Navy to provide to the congressional defense committees, not later than 180 days after enactment of this act, their respective plans to enable current and future communications systems with the MUOS capability, including a timeline for fielding of the capability.

Renewables on Military Installations.—The Committee recognizes the importance of properly building, maintaining and monitoring renewable energy projects on Federal military installations. Further, the Committee encourages the Department to contract with private entities that operate North American Electric Reliability Corporation [NERC] compliant monitoring centers; offer training programs for governmental employees; and have an established Environment, Health and Safety standards program when procuring renewable energy.

Buy American Compliance.—The Committee is concerned with two separate Inspector General reports, required by the National Defense Authorization Act for Fiscal Year 2014, that found both the Air Force and Navy were not in compliance with the Buy American Act and Berry Amendment. Ensuring appropriate domestic source requirements are included in contracts and strict adherence to these requirements are vital to the health of the Defense industrial base. Therefore, the Committee encourages the Secretary of Defense to dedicate resources to expand training and ensure compliance with the Buy American and Berry Amendment.

Domestic Footwear.—The Committee acknowledges that S. 2943, the National Defense Authorization Act for Fiscal Year 2017, as reported, seeks to amend section 418 of title 37 United States Code to address compliance with domestic source requirements for footwear furnished to enlisted members of the Armed Forces upon their initial entry into the Armed Forces.

RQ-7 Shadow.—The Committee understands that the Department of the Army is requesting \$71,169,000 to upgrade the RQ-7 Shadow unmanned aerial vehicle. The Committee is supportive of the upgrade, but is concerned with the lack of competition. In previous budget requests, the new payload has been described as an alternative source. However, the Army has informed the Committee that the new payload is now being described as an upgraded capability to include high definition. As stated in the Department of Defense Appropriations Act, 2016 (Public Law 114–113), the Committee directed the Secretary of the Army to review the acquisition strategy for this upgrade to validate sufficient competition exists before awarding the contract. The Committee looks forward to the results of this review.

Technology Procurement.—The Committee is concerned about the procurement of sensitive technologies (hardware, software, and services) and the potential transfer to nation states of concern. Further, the Committee directs the Department of Defense to provide a briefing to the congressional defense committees on plans to mitigate risks posed by the procurement of sensitive technologies.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2016	\$5,866,367,000
Budget estimate, 2017	3,614,787,000
Committee recommendation	4,088,298,000

The Committee recommends an appropriation of \$4,088,298,000. This is \$473,511,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT						
	FIXED WING						
1	UTILITY F/W CARGO AIRCRAFT	3	57,529	3	41,342		-16,187
3	MQ-1 UAV		55,388		55,388		
	ROTARY						
5	HELICOPTER, LIGHT UTILITY [LUH]				187,000		+187,000
6	AH-64 APACHE BLOCK IIIA REMAN	48	803,084	48	774,072		-29,012
7	AH-64 APACHE BLOCK IIIA REMAN [AP-CY]		185,160		185,160		
8	UH-60 BLACKHAWK [MYP]	36	755,146	36	1,112,646		+357,500
9	UH-60 BLACKHAWK [MYP] [AP-CY]		174,107		174,107		
10	UH-60 BLACKHAWK A AND L MODELS	38	46,173	38	46,173		
11	CH-47 HELICOPTER	22	556,257	22	556,257		
12	CH-47 HELICOPTER [AP-CY]		8,707		8,707		
	TOTAL, AIRCRAFT		2,641,551		3,140,852		+499,301
	MODIFICATION OF AIRCRAFT						
13	MQ-1 PAYLOAD—UAS		43,735		43,735		
15	AR/MULTI SENSOR ABN RECON [MIP]		94,527		94,527		
16	AH-64 MODS		137,883		122,883		-15,000
17	CH-47 CARGO HELICOPTER MODS		102,943		102,943		
18	GUARDRAIL SENSOR GRCS SEMA MODS [MIP]		4,055		3,055		-1,000
19	ARL SEMA MODS [MIP]		6,793		6,793		
20	ENARSS SEMA MODS [MIP]		13,197		11,197		-2,000
21	UTILITY/CARGO AIRPLANE MODS		17,526		17,526		
22	UTILITY HELICOPTER MODS		10,807		10,807		
23	NETWORK AND MISSION PLAN		74,752		67,752		-7,000
24	COMMS. NAV SURVEILLANCE		69,960		69,960		
25	GATM ROLLUP		45,302		45,302		
26	RQ-7 UAV MODS		71,169		71,169		
27	UAS MODS		21,804		21,804		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	TOTAL, MODIFICATION OF AIRCRAFT		714,453		689,453		- 25,000
	SUPPORT EQUIPMENT AND FACILITIES						
	GROUND SUPPORT AVIONICS						
28	AIRCRAFT SURVIVABILITY EQUIPMENT		67,377		67,377		
29	SURVIVABILITY CM		9,565		9,565		
30	CMWS		41,626		41,626		
	OTHER SUPPORT						
32	AVIONICS SUPPORT EQUIPMENT		7,007		6,217		- 790
33	COMMON GROUND EQUIPMENT		48,234		48,234		
34	AIRCREW INTEGRATED SYSTEMS		30,297		30,297		
35	AIR TRAFFIC CONTROL		50,405		50,405		
36	INDUSTRIAL FACILITIES		1,217		1,217		
37	LAUNCHER, 2.75 ROCKET		3,055		3,055		
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES		258,783		257,993		- 790
	TOTAL, AIRCRAFT PROCUREMENT, ARMY		3,614,787		4,088,298		+ 473,511

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
1	Utility F/W Aircraft	57,529	41,342	- 16,187
	Restoring acquisition accountability: Excess program management			- 3,587
	Restoring acquisition accountability: Unit cost growth			- 12,600
5	Helicopter, Light Utility [LUH]		187,000	+ 187,000
	Additional aircraft			+ 187,000
6	AH-64 Apache Block IIIA Reman	803,084	774,072	- 29,012
	Maintain program affordability: Unit costs efficiencies from Multiyear			- 9,600
	Restoring acquisition accountability: Excess government furnished equipment			- 19,412
8	UH-60 Blackhawk M Model (MYP)	755,146	1,112,646	+ 357,500
	Restoring acquisition accountability: Excess tooling			- 10,000
	Additional aircraft for the Army National Guard			+ 367,500
16	AH-64 Mods	137,883	122,883	- 15,000
	Improving funds management: Unobligated balances			- 15,000
18	Guardrail Sensor/GRCS SEMA Mods (MIP)	4,055	3,055	- 1,000
	Restoring acquisition accountability: Contract award delay excess program management			- 1,000
20	EMARSS SEMA Mods (MIP)	13,197	11,197	- 2,000
	Restoring acquisition accountability: Excess program management			- 2,000
23	Network and Mission Plan	74,752	67,752	- 7,000
	Restoring acquisition accountability: Aviation Mission Planning system delay			- 7,000
32	Avionics Support Equipment	7,007	6,217	- 790
	Restoring acquisition accountability: ANVIS unit cost growth			- 790

MISSILE PROCUREMENT, ARMY

Appropriations, 2016	\$1,600,957,000
Budget estimate, 2017	1,519,966,000
Committee recommendation	1,501,289,000

The Committee recommends an appropriation of \$1,501,289,000. This is \$18,677,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER MISSILES						
	MISSILE PROCUREMENT, ARMY						
	SURFACE-TO-AIR MISSILE SYSTEM						
1	LOWER TIER AIR AND MISSILE DEFENSE [AMD]		126,470		120,470		-6,000
2	MSE MISSILE	85	423,201	85	423,201		
3	INDIRECT FIRE PROTECTION CAPABILITY		19,319		19,319		
	AIR-TO-SURFACE MISSILE SYSTEM						
4	HELLFIRE SYS SUMMARY	155	42,013	155	42,013		
5	JOINT AIR-TO-GROUND MSLS [JAGM]	324	64,751	324	61,911		-2,840
6	JOINT AIR-TO-GROUND MSLS [JAGM] [AP-CY]		37,100		37,100		
	ANTI-TANK/ASSAULT MISSILE SYSTEM						
7	JAVELIN (AAWS-M) SYSTEM SUMMARY	309	73,508	309	72,904		-604
8	TOW 2 SYSTEM SUMMARY	595	64,922	595	64,922		
9	TOW 2 SYSTEM SUMMARY [AP-CY]		19,949		10,716		-9,233
10	GUIDED MLRS ROCKET [GMLRS]	1,068	172,088	1,068	172,088		
11	MLRS REDUCED RANGE PRACTICE ROCKETS [RRPR]	1,704	18,004	1,704	18,004		
	TOTAL, OTHER MISSILES		1,061,325		1,042,648		-18,677
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
13	PATRIOT MODS		197,107		197,107		
14	ATACMS MODS		150,043		150,043		
15	GMLRS MOD		395		395		
17	AVENGER MODS		33,606		33,606		
18	ITAS/TOW MODS		383		383		
19	MLRS MODS		34,704		34,704		
20	HIMARS MODIFICATIONS		1,847		1,847		
	TOTAL, MODIFICATION OF MISSILES		418,085		418,085		
	SPARES AND REPAIR PARTS						
21	SPARES AND REPAIR PARTS		34,487		34,487		

22	SUPPORT EQUIPMENT AND FACILITIES		4,915		4,915	
24	AIR DEFENSE TARGETS		1,154		1,154	
	PRODUCTION BASE SUPPORT					
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES		6,069		6,069	
	TOTAL, MISSILE PROCUREMENT, ARMY		1,501,289		1,501,289	- 18,677

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
1	Lower Tier Air and Missile Defense [AMD]	126,470	120,470	- 6,000
	Restoring acquisition accountability: Recurring cost growth			- 6,000
5	Joint Air-To-Ground MsIs [JAGM]	64,751	61,911	- 2,840
	Restoring acquisition accountability: Unjustified increase			- 2,840
7	Javelin (Aaws-M) System Summary	73,508	72,904	- 604
	Restoring acquisition accountability: Engineering services cost growth			- 604
9	Tow 2 System Summary—Advance Procurement	19,949	10,716	- 9,233
	Restoring acquisition accountability: AP excess to need			- 9,233

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 2016	\$1,951,646,000
Budget estimate, 2017	2,265,177,000
Committee recommendation	2,161,777,000

The Committee recommends an appropriation of \$2,161,777,000. This is \$103,400,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY						
1	TRACKED COMBAT VEHICLES						
	STRYKER VEHICLE		71,680		71,680		
2	MODIFICATION OF TRACKED COMBAT VEHICLES						
	STRYKER (MOD)		74,348		74,348		
3	STRYKER UPGRADE	62	444,561		410,461		-34,100
5	BRADLEY PROGRAM (MOD)		276,433	62	288,333		-18,100
6	HOWITZER, MED SP FT 155MM M109A6 (MOD)		63,138		63,138		
7	PALADIN PIPM MOD IN SERVICE	36	469,305	36	445,805		-23,500
8	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	22	91,963	22	91,963		
9	ASSAULT BRIDGE (MOD)		3,465		3,465		
10	ARMORED BREACHER VEHICLE		2,928		2,928		
11	M88 FOV MODS		8,685		8,685		
12	JOINT ASSAULT BRIDGE	9	64,752	9	64,752		
13	M1 ABRAMS TANK (MOD)		480,166		480,166		
	SUPPORT EQUIPMENT AND FACILITIES						
	TOTAL, TRACKED COMBAT VEHICLES		2,051,424		1,975,724		-75,700
16	WEAPONS AND OTHER COMBAT VEHICLES						
	INTEGRATED AIR BURST WEAPON SYSTEM FAMILY		9,764		7,064		-2,700
17	MORTAR SYSTEMS		8,332		8,332		
18	XM320 GRENADE LAUNCHER MODULE (GLM)		3,062		3,062		
19	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM		992				-992
20	CARBINE		40,493		15,493		-25,000
21	COMMON REMOTELY OPERATED WEAPONS STATION		25,164		25,164		
	MOD OF WEAPONS AND OTHER COMBAT VEH						
22	MK-19 GRENADE MACHINE GUN MODS		4,959		4,959		
23	M777 MODS		11,913		11,913		
24	M4 CARBINE MODS		29,752		29,752		
25	M250 CAL MACHINE GUN MODS		48,582		48,582		
26	M249 SAW MACHINE GUN MODS		1,179		1,179		
27	M240 MEDIUM MACHINE GUN MODS		1,784		1,784		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
28	SNIPER RIFLES MODIFICATIONS		971		1,963		+ 992
29	M119 MODIFICATIONS		6,045		6,045		
30	MORTAR MODIFICATION		12,118		12,118		
31	MODIFICATIONS LESS THAN \$5 MILLION (WOCV-WTCV)		3,157		3,157		
	SUPPORT EQUIPMENT AND FACILITIES						
32	ITEMS LESS THAN \$5 MILLION (WOCV-WTCV)		2,331		2,331		
35	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)		3,155		3,155		
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES		213,753		186,053		- 27,700
	TOTAL, PROCUREMENT OF W&TCV, ARMY		2,265,177		2,161,777		- 103,400

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
3	Stryker Upgrade	444,561	410,461	− 34,100
	Improving funds management: Training and fielding early to need			− 34,100
5	Bradley Program (MOD)	276,433	258,333	− 18,100
	Maintain program affordability: Unjustified growth—contractor support			− 15,000
	Improving funds management: Excess to need, negotiated contract savings			− 3,100
7	Paladin Integrated Management (PIM)	469,305	445,805	− 23,500
	Restoring acquisition accountability: Estimated contract savings			− 23,500
16	Integrated Air Burst Weapon System Family	9,764	7,064	− 2,700
	Restoring acquisition accountability: Program delay			− 2,700
19	Compact Semi-Automatic Sniper System	992		− 992
	Transfer: Army-requested to WTCV lines 28			− 992
20	Carbine	40,493	15,493	− 25,000
	Restoring acquisition accountability: Program delay			− 25,000
28	Sniper Rifles Modifications	971	1,963	+ 992
	Transfer: Army-requested from WTCV lines 19			+ 992

Crew-Served Weapons Industrial Base.—Crew-served weapons such as the M2 .50 caliber machine gun and the M240 7.62mm medium machine gun have been a primary means of firepower for a variety of Army combat service support forces. However, the Committee is concerned that the programmatic direction for these weapons is inconsistent with the Army’s broader equipping objective, to reduce the soldier’s load while increasing the capability and reliability of the weapons. The Committee directs the Secretary of the Army to submit a report to the congressional defense committees, not later than 90 days after enactment of this act that outlines the plan to sustain crew-served weapons and support the individual weapons industrial base.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2016	\$1,245,426,000
Budget estimate, 2017	1,513,157,000
Committee recommendation	1,467,066,000

The Committee recommends an appropriation of \$1,467,066,000. This is \$46,091,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AMMUNITION						
	SMALL/MEDIUM CAL AMMUNITION						
1	CTG, 5.56MM, ALL TYPES	40,296	40,296		40,296		
2	CTG, 7.62MM, ALL TYPES	39,237	39,237		39,237		
3	CTG, HANDGUN, ALL TYPES	5,193	5,193		5,193		
4	CTG, .50 CAL, ALL TYPES	46,693	46,693		46,693		
5	CTG, 20MM, ALL TYPES	7,000	7,000		7,000		
6	CTG, 25MM, ALL TYPES	7,753	7,753		7,753		
7	CTG, 30MM, ALL TYPES	47,000	47,000		47,000		
8	CTG, 40MM, ALL TYPES	118,178	118,178		111,824		-6,354
	MORTAR AMMUNITION						
9	60MM MORTAR, ALL TYPES	69,784	69,784		69,784		
10	81MM MORTAR, ALL TYPES	36,125	36,125		36,125		
11	120MM MORTAR, ALL TYPES	69,133	69,133		69,133		
	TANK AMMUNITION						
12	CTG TANK 105MM AND 120MM: ALL TYPES	120,668	120,668		117,853		-2,815
	ARTILLERY AMMUNITION						
13	CTG, ARTY, 75MM AND 105MM: ALL TYPES	64,800	64,800		61,300		-3,500
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES	109,515	109,515		89,515		-20,000
15	PROJ 155MM EXTENDED RANGE XM982	39,200	39,200		36,025		-3,175
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES	70,881	70,881		66,881		-4,000
	ROCKETS						
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	38,000	38,000		28,000		-10,000
20	ROCKET, HYDRA 70, ALL TYPES	87,213	87,213		87,213		
	OTHER AMMUNITION						
21	CAD/PAD ALL TYPES	4,914	4,914		4,914		
22	DEMOLITION MUNITIONS, ALL TYPES	6,380	6,380		2,380		-4,000
23	GRENADES, ALL TYPES	22,760	22,760		22,760		
24	SIGNALS, ALL TYPES	10,666	10,666		6,166		-4,500

25	SIMULATORS, ALL TYPES	7,412	7,412				
	MISCELLANEOUS						
26	AMMO COMPONENTS, ALL TYPES	12,726	12,726				
27	NON-LETHAL AMMUNITION, ALL TYPES	6,100	4,100				-2,000
28	ITEMS LESS THAN \$5 MILLION	10,006	8,006				-2,000
29	AMMUNITION PECULIAR EQUIPMENT	17,275	13,528				-3,747
30	FIRST DESTINATION TRANSPORTATION (AMMO)	14,951	14,951				
	TOTAL, AMMUNITION	1,129,859	1,063,768				-66,091
	AMMUNITION PRODUCTION BASE SUPPORT						
	PRODUCTION BASE SUPPORT						
32	PROVISION OF INDUSTRIAL FACILITIES	222,269	242,269				+20,000
33	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL	157,383	157,383				
34	ARMS INITIATIVE	3,646	3,646				
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT	383,298	403,298				+20,000
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	1,513,157	1,467,066				-46,091

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
8	CTG, 40mm, All Types	118,178	111,824	- 6,354
	Improving funds management: Program delays			- 6,354
12	Cartridges, Tank, 105MM and 120MM, All Types	120,668	117,853	- 2,815
	Improving funds management: Excess to requirement			- 2,815
13	Artillery Cartridges, 75MM & 105MM, All Types	64,800	61,300	- 3,500
	Restoring acquisition accountability: Acquisition strategy (75mm Blank)			- 3,500
14	Artillery Projectile, 155MM, All Types	109,515	89,515	- 20,000
	Restoring acquisition accountability: Unjustified growth			- 20,000
15	Proj 155mm Extended Range M982	39,200	36,025	- 3,175
	Maintain program affordability: Eliminate program growth (production engineering)			- 3,175
16	Artillery Propellants, Fuzes and Primers, All	70,881	66,881	- 4,000
	Maintain program affordability: Maintain level of effort (PGK)			- 4,000
19	Shoulder Launched Munitions, All Types	38,000	28,000	- 10,000
	Restoring acquisition accountability: Acquisition strategy			- 10,000
22	Demolition Munitions, All Types	6,380	2,380	- 4,000
	Improving funds management: Unobligated balances			- 4,000
24	Signals, All Types	10,666	6,166	- 4,500
	Improving funds management: Excess to requirement			- 4,500
27	Non-Lethal Ammunition, All Types	6,100	4,100	- 2,000
	Improving funds management: Unobligated balances			- 2,000
28	Items Less Than \$5 Million (AMMO)	10,006	8,006	- 2,000
	Improving funds management: Unobligated balances			- 2,000
29	Ammunition Peculiar Equipment	17,275	13,528	- 3,747
	Improving funds management: Excess to requirement			- 3,747
32	Industrial Facilities	222,269	242,269	+ 20,000
	Program increase			+ 20,000

Conventional Munitions Demilitarization.—The Committee notes that at current funding levels the stockpile of conventional munitions awaiting demilitarization is projected to grow over the Future Years Defense Program. In light of current budget constraints, the Committee encourages the Secretary of the Army to assess new options for reducing risk, enhance efficiencies to achieve cost reduction, and leverage expertise from industry and academia to advance affordable demilitarization technology.

OTHER PROCUREMENT, ARMY

Appropriations, 2016	\$5,718,811,000
Budget estimate, 2017	5,873,949,000
Committee recommendation	5,862,299,000

The Committee recommends an appropriation of \$5,862,299,000. This is \$11,650,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES						
	TACTICAL VEHICLES						
1	TACTICAL TRAILERS/DOLLY SETS		3,733		2,578		-1,155
2	SEMITRAILERS, FLATBED		3,716		3,716		+ 50,000
3	HI MOB MULTI-PURP WILD VEH [HMMWV]		4,907		4,907		+ 60,000
4	GROUND MOBILITY VEHICLES [GMV]		587,514	1,828	587,514		-3,927
5	ARNG HMMWV MODERNIZATION PROGRAM		3,927				
6	JOINT LIGHT TACTICAL VEHICLE	1,828	53,293		53,293		
7	TRUCK, DUMP, 20T (GCE)		7,460	8	7,460		
8	FAMILY OF MEDIUM TACTICAL VEH [FMTV]	8	39,564		39,564		
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT		11,856	430	11,856		
10	FAMILY OF HEAVY TACTICAL VEHICLES [FHTV]	430	49,751		49,751		
11	PLS ESP		64,000		64,000		
13	TACTICAL WHEELED VEHICLE PROTECTION KITS		10,611		10,611		
14	MODIFICATION OF IN SVC EQUIP		394		394		
15	MINE-RESISTANT AMBUSH-PROTECTED MODS		1,755		1,755		
	NON-TACTICAL VEHICLES						
16	HEAVY ARMORED SEDAN		842,481		947,399		+ 104,918
18	NONTACTICAL VEHICLES, OTHER						
	TOTAL, TACTICAL AND SUPPORT VEHICLES						
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM—JOINT COMMUNICATIONS						
19	WIN-T—GROUND FORCES TACTICAL NETWORK		427,598		427,598		
20	SIGNAL MODERNIZATION PROGRAM		58,250		58,250		
21	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY		5,749		5,749		
22	JCS-EQUIPMENT (USREDCOM)		5,068		5,068		
	COMM—SATELLITE COMMUNICATIONS						
23	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS		143,805		143,805		
24	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS		36,580		36,580		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
25	SHF TERM		1,985		1,985		
27	SMART-T (SPACE)		9,165		9,165		
31	COMM—C3 SYSTEM						
33	ARMY GLOBAL CMD & CONTROL SYS [AGCS]		2,530		2,530		
34	HANDHELD MANPACK SMALL FORM FT [HMS]	5,656	273,645	5,656	273,645		
35	MID-TIER NETWORKING VEHICULAR RADIO [MNVJR]		25,017		18,937		-6,080
37	RADIO TERMINAL SET, MDS LVT(2)		12,326		12,326		
38	TRACTOR DESK		2,034		2,034		
39	TRACTOR RIDE		2,334		2,334		
40	SPIDER APLA REMOTE CONTROL UNIT		1,985		1,428		-557
42	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE		10,796		8,796		-2,000
43	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM		3,607		3,607		
44	UNIFIED COMMAND SUITE		14,295		14,295		
45	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE		19,893		19,893		
47	COMM—INTELLIGENCE COMM						
48	CI AUTOMATION ARCHITECTURE [MIP]		1,388		1,388		
49	ARMY CA/MISO GPF EQUIPMENT		5,494		5,494		
51	FAMILY OF BIOMETRICS		2,978		2,978		
52	COMMUNICATIONS SECURITY [COMSEC]		131,356		131,356		
53	DEFENSIVE CYBER OPERATIONS		15,132		19,132		+4,000
54	COMM—LONG HAUL COMMUNICATIONS						
55	BASE SUPPORT COMMUNICATIONS		27,452		27,452		
56	COMM—BASE COMMUNICATIONS						
59	INFORMATION SYSTEMS		122,055		122,055		
60	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	1	4,286	1	4,286		
61	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM		131,794		131,794		
62	ELECT EQUIP						
63	ELECT EQUIP—TACT INT REL ACT [TIARA]						
64	JTT/CIBS-M [MIP]		5,337		5,337		
65	DGSS-A [MIP]		242,514		217,814		-24,700
66	JOINT TACTICAL GROUND STATION [JTGS]		4,417		4,417		

64	TROJAN [MIP]	17,455	17,455	17,455	17,455
65	MOD OF IN-SVC EQUIP (INTEL SFT) [MIP]	44,965	44,965	44,965	44,965
66	CI HUMINT AUTO REPRING AND COLLICHSRCS[MIP]	7,658	7,658	7,658	7,658
67	CLOSE ACCESS TARGET RECONNAISSANCE [CATR]	7,970	7,970	7,970	7,970
68	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM	545	545	545	545
	ELECT EQUIP—ELECTRONIC WARFARE [EW]				
70	LIGHTWEIGHT COUNTER MORTAR RADAR	74,038	74,038	68,453	68,453
71	EW PLANNING AND MANAGEMENT TOOLS	3,235	3,235	3,235	3,235
72	AIR VIGILANCE [AV]	733	733	733	733
74	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES	1,740	1,740	1,740	1,740
75	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	455	455	455	455
76	CI MODERNIZATION [MIP]	176	176	176	176
	ELECT EQUIP—TACTICAL SURV. [TAC SURV]				
77	SENTINEL MODS	40,171	40,171	40,171	40,171
78	NIGHT VISION DEVICES	163,029	163,029	143,029	143,029
79	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	15,885	15,885	15,885	15,885
80	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	48,427	48,427	48,427	48,427
81	FAMILY OF WEAPON SIGHTS [FWS]	55,536	55,536	55,536	55,536
82	ARTILLERY ACCURACY EQUIP	4,187	4,187	4,187	4,187
85	JOINT BATTLE COMMAND—PLATFORM [JBC-P]	137,501	137,501	137,501	137,501
86	JOINT EFFECTS TARGETING SYSTEM [JETS]	50,726	50,726	48,375	48,375
87	MOD OF IN-SERVICE EQUIPMENT (LLDR)	28,058	28,058	28,058	28,058
88	COMPUTER BALLISTICS: LHMCB XM32	5,924	5,924	5,924	5,924
89	MORTAR FIRE CONTROL SYSTEM	22,331	22,331	22,331	22,331
90	COUNTERFIRE RADARS	314,509	314,509	297,509	297,509
	ELECT EQUIP—TACTICAL C2 SYSTEMS				
91	FIRE SUPPORT C2 FAMILY	8,660	8,660	8,660	8,660
92	AIR & MSL DEFENSE PLANNING & CONTROL SYS [AMID]	54,376	54,376	54,376	54,376
93	IAMD BATTLE COMMAND SYSTEM	204,969	204,969	174,502	174,502
94	LIFE CYCLE SOFTWARE SUPPORT [LCSS]	4,718	4,718	4,718	4,718
95	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	11,063	11,063	11,063	11,063
96	MANEUVER CONTROL SYSTEM [MCS]	151,318	151,318	151,318	151,318
97	GLOBAL COMBAT SUPPORT SYSTEM—ARMY	155,660	155,660	155,660	155,660
98	INTEGRATED PERSONNEL AND PAY SYSTEM—ARMY	4,214	4,214	4,214	4,214
99	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	16,185	16,185	16,185	16,185
100	MOD OF IN-SERVICE EQUIPMENT (ENFIRE)	1,565	1,565	1,565	1,565
	ELECT EQUIP—AUTOMATION				
101	ARMY TRAINING MODERNIZATION	17,693	17,693	17,693	17,693

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
102	AUTOMATED DATA PROCESSING EQUIPMENT		107,960		107,960		
103	GENERAL FUND ENTERPRISE BUSINESS SYSTEM		6,416		6,416		
104	HIGH PERF COMPUTING MOD PROGRAM		58,614		58,614		
105	CONTRACT WRITING SYSTEM		986		986		
106	RESERVE COMPONENT AUTOMATION SYS [RCAS]		23,828		23,828		
107	ELECT EQUIP—AUDIO VISUAL SYS [A/V]		1,191		1,191		
108	TACTICAL DIGITAL MEDIA		1,995		1,995		
	ITEMS LESS THAN \$5 MILLION (SURVEYING EQUIPMENT)						
109	ELECT EQUIP—SUPPORT		403		403		
999	PRODUCTION BASE SUPPORT [C-E]		4,436		4,436		
	CLASSIFIED PROGRAMS						
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		3,632,369		3,527,629		-104,740
	OTHER SUPPORT EQUIPMENT						
	CHEMICAL DEFENSIVE EQUIPMENT						
111	PROTECTIVE SYSTEMS		2,966		2,966		
112	FAMILY OF NON-LETHAL EQUIPMENT [FNLE]		9,795		9,490		-305
114	CBRN DEFENSE		17,922		17,922		
	BRIDGING EQUIPMENT						
115	TACTICAL BRIDGING		13,553		13,553		
116	TACTICAL BRIDGE, FLOAT-RIBBON		25,244		25,244		
117	BRIDGE SUPPLEMENTAL SET		983				-983
118	COMMON BRIDGE TRANSPORTER RECAP		25,176		25,176		
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
119	GROUND STANDOFF MINE DETECTION SYSTEM [GSTMIDS]		39,350		39,350		
120	AREA MINE DETECTION SYSTEM [AMIDS]		10,500		10,500		
121	HUSKY MOUNTED DETECTION SYSTEM [HMDS]		274		274		
122	ROBOTIC COMBAT SUPPORT SYSTEM		2,951		2,951		
123	EOD ROBOTICS SYSTEMS RECAPITALIZATION		1,949		1,949		
124	ROBOTICS AND APPLIQUE SYSTEMS		5,203		5,203		
125	EXPLOSIVE ORDNANCE DISPOSAL EOPMIT [EOD EOPMIT]		5,570		5,570		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
160	FAMILY OF FORKLIFTS		2,307		2,307		
	TRAINING EQUIPMENT						
161	COMBAT TRAINING CENTERS SUPPORT		75,359		75,359		
162	TRAINING DEVICES, NONSYSTEM		253,050		253,050		
163	CLOSE COMBAT TACTICAL TRAINER		48,271		48,271		
164	AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA)		40,000		40,000		
165	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING		11,543		11,543		
	TEST MEASURE AND DIG EQUIPMENT (TMD)						
166	CALIBRATION SETS EQUIPMENT		4,963		4,963		
167	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)		29,781		29,781		
168	TEST EQUIPMENT MODERNIZATION (TEMOD)		6,342		6,342		
	OTHER SUPPORT EQUIPMENT						
169	M25 STABILIZED BINOCULAR		3,149		3,149		
170	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT		18,003		20,003		+2,000
171	PHYSICAL SECURITY SYSTEMS (OPA3)		44,082		44,082		
172	BASE LEVEL COM'L EQUIPMENT		2,168		2,168		
173	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)		67,367		67,367		
174	PRODUCTION BASE SUPPORT (OTH)		1,528		1,528		
175	SPECIAL EQUIPMENT FOR USER TESTING		8,289		14,289		+6,000
177	TRACTOR YARD		6,888		6,888		
	TOTAL, OTHER SUPPORT EQUIPMENT		1,371,856		1,360,028		-11,828
	SPARE AND REPAIR PARTS						
179	INITIAL SPARES—C&E		27,243		27,243		
	TOTAL, SPARE AND REPAIR PARTS		27,243		27,243		
	TOTAL, OTHER PROCUREMENT, ARMY		5,873,949		5,862,299		-11,650

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
1	Tactical Trailers/Dolly Sets	3,733	2,578	- 1,155
	Restoring acquisition accountability: PVT early to need			- 1,155
3	Hi Mob Multi-Purp Whld Veh [HMMWV]		50,000	+ 50,000
	HMMWV Ambulance Modernization			+ 50,000
5	ARNG HMMWV Modernization Program		60,000	+ 60,000
	HMMWV Ambulances for Guard and Reserve			+ 60,000
7	Truck, Dump, 20t (CCE)	3,927		- 3,927
	Restoring acquisition accountability: Procurement early to need			- 3,927
34	Mid-Tier Networking Vehicular Radio [MNVR]	25,017	18,937	- 6,080
	Restoring acquisition accountability: Schedule slip			- 6,080
39	Spider Apla Remote Control Unit	1,985	1,428	- 557
	Restoring acquisition accountability: Fielding cost growth			- 557
40	Spider Family of Networked Munitions Incr	10,796	8,796	- 2,000
	Restoring acquisition accountability: Engineering cost growth			- 2,000
52	Defensive CYBER Operations	15,132	19,132	+ 4,000
	Program Increase			+ 4,000
62	DCGS-A (MIP)	242,514	217,814	- 24,700
	Restoring acquisition accountability: Tech refresh growth			- 24,700
70	Lightweight Counter Mortar Radar	74,038	68,453	- 5,585
	Restoring acquisition accountability: Unit cost growth			- 5,585
78	Night Vision Devices	163,029	143,029	- 20,000
	Maintain program affordability: Maintain level of effort ...			- 20,000
86	Joint Effects Targeting System [JETS]	50,726	48,375	- 2,351
	Maintain program affordability: Non-recurring engineering previously funded			- 2,351
90	Counterfire Radars	314,509	297,509	- 17,000
	Restoring acquisition accountability: Unit cost growth			- 17,000
93	IAMD Battle Command System	204,969	174,502	- 30,467
	Restoring acquisition accountability: Concurrency			- 30,467
112	Family of Non-Lethal Equipment [FNLE]	9,795	9,490	- 305
	Restoring acquisition accountability: Unit cost growth			- 305
117	Bridge Supplemental Set	983		- 983
	Restoring acquisition accountability: Procurement early to need			- 983
126	Remote Demolition Systems	6,238	5,238	- 1,000
	Restoring acquisition accountability: Schedule slip			- 1,000
140	Distribution Systems, Petroleum & Water	42,656	35,656	- 7,000
	Maintain program affordability: Maintain level of effort ...			- 7,000
142	Mobile Maintenance Equipment Systems	35,694	32,694	- 3,000
	Maintain program affordability: Maintain level of effort ...			- 3,000
154	Const Equip Esp	26,712	19,172	- 7,540
	Restoring acquisition accountability: Unit cost growth			- 7,540
170	Rapid Equipping Soldier Support Equipment	18,003	20,003	+ 2,000
	Program Increase			+ 2,000
175	Special Equipment for User Testing	8,289	14,289	+ 6,000
	Program Increase			+ 6,000

HMMWV Modernization.—The Committee recognizes the critical role that technologies like antilock brakes and electronic stability control play in mitigating rollover accidents, although such technologies are not common on military tactical wheeled vehicles. The Army and Marine Corps recently completed a congressionally mandated study of potential up-armored High Mobility Multipurpose Wheeled Vehicle [HMMWV] automotive improvements, which included such technologies. As a result of the Modernization Ex-

panded Capability Vehicle-Automotive study, the Committee understands that safety-improvement technologies exist which could be applied to today's HMMWV fleet. The Committee encourages the Army to initiate the necessary engineering and logistical analyses necessary to develop and compete an engineering proposal for Army up-armored HMMWV safety improvement kits as an element of future modernization efforts for HMMWVs in the Regular Army, Army National Guard, and Army Reserve fleets.

HMMWV Ambulances.—The Committee notes that the average age of ground ambulance fleets within the active and reserve components of the Army is 28 years. At current levels of investment, these fleets will remain less than 25 percent modernized across the Future Years Defense Program, impairing the total Army's ability to execute its Federal and State missions. The Committee recommends an additional \$110,000,000 for High Mobility Multipurpose Wheeled Vehicle ambulances, of which \$50,000,000 is intended for the Regular Army, \$40,000,000 for the Army National Guard and \$20,000,000 for the Army Reserve.

Family of Medium Tactical Vehicles.—The Committee supports the Army's plan to re compete the Family of Medium Tactical Vehicles [FMTV] program in light of the significant cost savings gained as a result of the 2010 competition. The Committee supports the Army's plan, as outlined in the fiscal year 2017 budget request, to continue to produce the current generation of FMTV through the beginning of production of the upgraded FMTV in 2020. This proposal will mitigate risk to the FMTV industrial base as the contract is re competed.

Tactical Bridging.—The Committee is aware that the Army is replacing its aging MK II Bridge Erection Boats [BEB] with a newly designed BEB upgraded to meet current survivability, transportability, and interoperability requirements. It will provide Regular Army, Army National Guard, and Army Reserve engineer bridge companies with enhanced capability to conduct bridging, dive support, rafting, and patrols. The program expects to transition to full rate production in fiscal year 2017 and eventually procure 379 vessels. The Committee encourages the Army maintain close oversight of production to keep program costs low and meet planned acquisition objectives.

Radiation Detection Devices.—The Committee notes that shortfalls continue to exist within the reserve components in fielding the most current radiation detection devices, specifically personal dosimeters. To ensure our troops and domestic homeland first responders are provided with the best possible protection to monitor against nuclear exposure, the Committee encourages the Secretary of the Army to expedite the fielding of modern radiation detection equipment across the force.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2016	\$17,521,209,000
Budget estimate, 2017	14,109,148,000
Committee recommendation	15,472,048,000

The Committee recommends an appropriation of \$15,472,048,000. This is \$1,362,900,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, NAVY							
COMBAT AIRCRAFT							
2	F/A-18E/F (FIGHTER) HORNET [MYP]	.....	.....	.....	.....	.....	.....
3	JOINT STRIKE FIGHTER	4	890,650	12	979,000	+12	+979,000
4	JOINT STRIKE FIGHTER [AP-CY]	.....	80,908	6	983,650	+2	+93,000
5	JSF STOVL	16	2,037,768	18	2,114,568	+2	+76,800
6	JSF STOVL [AP-CY]	.....	233,648	.....	233,648	.....	.....
7	CH-53K (HEAVY LIFT)	.....	348,615	.....	322,015	.....	-26,600
8	CH-53K (HEAVY LIFT) [AP-CY]	.....	88,365	.....	88,365	.....	.....
9	V-22 (MEDIUM LIFT)	16	1,264,134	18	1,399,134	+2	+135,000
10	V-22 (MEDIUM LIFT) [AP-CY]	.....	19,674	.....	19,674	.....	.....
11	UH-1Y/AH-1Z	24	759,778	24	747,778	.....	-12,000
12	UH-1Y/AH-1Z [AP-CY]	.....	57,232	.....	57,232	.....	.....
14	MH-60R	.....	61,177	.....	53,177	.....	-8,000
16	P-8A POSEIDON	11	1,940,238	11	1,820,238	.....	-120,000
17	P-8A POSEIDON [AP-CY]	.....	123,140	.....	123,140	.....	.....
18	E-2D ADV HAWKEYE	6	916,483	6	916,483	.....	.....
19	E-2D ADV HAWKEYE [AP-CY]	.....	125,042	.....	125,042	.....	.....
TOTAL, COMBAT AIRCRAFT		.....	8,946,852	.....	10,064,052	.....	+1,117,200
TRAINER AIRCRAFT							
20	JPATS	.....	5,849	.....	5,849	.....	.....
TOTAL, TRAINER AIRCRAFT		.....	5,849	.....	5,849	.....	.....
OTHER AIRCRAFT							
21	KC-130J	2	128,870	2	128,870	.....	.....
22	KC-130J [AP-CY]	.....	24,848	.....	24,848	.....	.....
23	MQ-4 TRITON	2	409,005	2	389,005	.....	-20,000
24	MQ-4 TRITON [AP-CY]	.....	55,652	.....	55,652	.....	.....
25	MQ-8 UAV	1	72,435	1	72,435	.....	.....
TOTAL, OTHER AIRCRAFT		.....	690,810	.....	670,810	.....	-20,000

29	MODIFICATION OF AIRCRAFT				
30	AEA SYSTEMS	51,900	51,900		
31	AV-8 SERIES	60,818	60,818		
32	ADVERSARY	5,191	5,191		
33	F-18 SERIES	1,023,492	1,018,792	-4,700	
34	H-53 SERIES	46,095	46,095		
35	SH-60 SERIES	108,328	108,328		
36	H-1 SERIES	46,333	46,333		
37	EP-3 SERIES	14,681	14,681		
38	P-3 SERIES	2,781	2,781		
39	E-2 SERIES	32,949	32,949		
40	TRAINER A/C SERIES	13,199	13,199		
41	C-2A	19,066	19,066		
42	C-130 SERIES	61,788	59,788	-2,000	
43	FEWSG	618	618		
44	CARGO/TRANSPORT A/C SERIES	9,822	9,822		
45	E-6 SERIES	222,077	222,077		
46	EXECUTIVE HELICOPTERS SERIES	66,835	66,835		
47	SPECIAL PROJECT AIRCRAFT	16,497	16,497		
48	T-45 SERIES	114,887	114,887		
49	POWER PLANT CHANGES	16,893	14,893	-2,000	
50	JPATS SERIES	17,401	17,401		
51	COMMON ECM EQUIPMENT	143,773	143,773		
52	COMMON AVIONICS CHANGES	164,839	164,839		
53	COMMON DEFENSIVE WEAPON SYSTEM	4,403	4,403		
54	ID SYSTEMS	45,768	45,768		
55	P-8 SERIES	18,836	18,036	-800	
56	MAGTF EW FOR AVIATION	5,676	5,676		
57	MQ-8 SERIES	19,003	19,003		
58	RQ-7 SERIES	3,534	1,534	-2,000	
59	V-22 (TILT/ROTOR ACFT) OSPREY	141,545	141,545		
60	F-35 STOVL SERIES	34,928	34,928		
61	F-35 CV SERIES	26,004	26,004		
62	QUICK REACTION CAPABILITY [QRC]	5,476	5,476		
	TOTAL, MODIFICATION OF AIRCRAFT	2,565,436	2,553,936	-11,500	
63	AIRCRAFT SPARES AND REPAIR PARTS	1,407,626	1,707,626	+300,000	
	SPARES AND REPAIR PARTS				

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
64	COMMON GROUND EQUIPMENT		390,103		367,303		-22,800
65	AIRCRAFT INDUSTRIAL FACILITIES		23,194		23,194		
66	WAR CONSUMABLES		40,613		40,613		
67	OTHER PRODUCTION CHARGES		860		860		
68	SPECIAL SUPPORT EQUIPMENT		36,282		36,282		
69	FIRST DESTINATION TRANSPORTATION		1,523		1,523		
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES		492,575		469,775		-22,800
	TOTAL, AIRCRAFT PROCUREMENT, NAVY		14,109,148		15,472,048		+1,362,900

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
2	F/A-18E/F (Fighter) Hornet		979,000	+ 979,000
	Additional 12 aircraft			+ 979,000
3	Joint Strike Fighter CV	890,650	983,650	+ 93,000
	Improving funds management: Prior year carryover			- 177,000
	Program increase: Additional 2 F-35Cs for the Marine Corps			+ 270,000
5	JSF STOVL	2,037,768	2,114,568	+ 76,800
	Improving funds management: Unit cost growth			- 160,000
	Program increase: Additional 2 F-35Bs for the Marine Corps			+ 236,800
7	CH-53K (Heavy Lift)	348,615	322,015	- 26,600
	Maintain program affordability: Recurring costs excess to need			- 12,600
	Restoring acquisition accountability: Support equipment early to need			- 14,000
9	V-22 (Medium Lift)	1,264,134	1,399,134	+ 135,000
	Restoring acquisition accountability: Support cost growth ..			- 15,000
	Program increase: Additional 2 MV-22s for the Marine Corps			+ 150,000
11	H-1 Upgrades (UH-1Y/AH-1Z)	759,778	747,778	- 12,000
	Restoring acquisition accountability: Unit cost growth			- 12,000
14	MH-60R (MYP)	61,177	53,177	- 8,000
	Maintain program affordability: Field activity funding ahead of need			- 8,000
16	P-8A Poseidon	1,940,238	1,820,238	- 120,000
	Restoring acquisition accountability: Unit cost growth			- 77,000
	Improving funds management: Prior year carryover, organic depot standup			- 43,000
23	MQ-4 Triton	409,005	389,005	- 20,000
	Maintain program affordability: Contract savings			- 20,000
32	F-18 Series	1,023,492	1,018,792	- 4,700
	Improving funds management: Prior year carryover			- 9,700
	Program increase: Electronic warfare upgrades			+ 5,000
42	C-130 Series	61,788	59,788	- 2,000
	Improving funds management: Prior year carryover			- 2,000
49	Power Plant Changes	16,893	14,893	- 2,000
	Improving funds management: Prior year carryover			- 2,000
55	P-8 Series	18,836	18,036	- 800
	Improving funds management: Prior year carryover			- 800
58	RQ-7 Series	3,534	1,534	- 2,000
	Improving funds management: Prior year carryover			- 2,000
63	Spares and Repair Parts	1,407,626	1,707,626	+ 300,000
	Program increase: Spares and repair parts for the Marine Corps			+ 300,000
64	Common Ground Equipment	390,103	367,303	- 22,800
	Improving funds management: Prior year carryover			- 22,800

Marine Corps Aviation Readiness.—The Committee is concerned about the state of Marine Corps aviation readiness but recognizes that there is a 4-year recovery effort underway to get aviation back up to the goal of T-2.0 readiness. While the fiscal year 2017 budget request maximizes throughput at maintenance depots, recent incidents and press reports about spare parts shortages indicate continued attention is necessary. The Committee therefore recommends additional funding in Aircraft Procurement, Navy for

spare parts and other needs. The Committee urges the Navy and Marine Corps to continue to prioritize restoring aviation readiness.

Navy Reserve Tactical Aircraft.—The Committee notes that the Navy submitted a report to Congress in March 2016 titled, Navy Reserve Tactical Aviation Force Recapitalization and Modernization. The two Navy Reserve F/A-18 squadrons identified in the report provide the Navy’s active combat force with adversary support and also fulfill the strategic reserve mission. The Committee remains concerned about the Navy’s Strike Fighter Inventory Management strategy, including the plan to recapitalize the Navy Reserve’s aircraft. The Navy Reserve is strained to accomplish its missions and, to make matters worse, the aircraft fleet will begin to exceed its service life in the next 5 years. Therefore, the Committee directs the Navy to provide an update on the implementation of the Strike Fighter Inventory Management strategy, to include a 3-year recapitalization and funding plan for the Navy Reserve’s two squadrons, with the submission of the fiscal year 2018 budget request.

WEAPONS PROCUREMENT, NAVY

Appropriations, 2016	\$3,049,542,000
Budget estimate, 2017	3,209,262,000
Committee recommendation	3,226,750,000

The Committee recommends an appropriation of \$3,226,750,000. This is \$17,488,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	WEAPONS PROCUREMENT, NAVY						
	BALLISTIC MISSILES						
	MODIFICATION OF MISSILES						
1	TRIDENT II MODS		1,103,086		1,103,086		
	SUPPORT EQUIPMENT AND FACILITIES						
2	MISSILE INDUSTRIAL FACILITIES		6,776		6,776		
	TOTAL, BALLISTIC MISSILES		1,109,862		1,109,862		
	OTHER MISSILES						
	STRATEGIC MISSILES						
3	TOMAHAWK	100	186,905	100	236,105		+ 49,200
	TACTICAL MISSILES						
4	AMRAAM	163	204,697	163	197,263		- 7,434
5	SIDEWINDER	152	70,912	152	70,912		
6	JSOW		2,232		2,232		
7	STANDARD MISSILE	125	501,212	125	481,212		- 20,000
8	RAM	90	71,557	90	71,557		
9	JOINT AIR GROUND MISSILE (JAGM)	96	26,200	96	21,922		- 4,278
12	STAND OFF PRECISION GUIDED MUNITION	24	3,316	24	3,316		
13	AERIAL TARGETS		137,484		137,484		
14	OTHER MISSILE SUPPORT		3,248		3,248		
15	LRASM	10	29,643	10	29,643		
	MODIFICATION OF MISSILES						
16	ESSM	75	52,935	75	52,935		
18	HARM MODS		178,213		178,213		
19	STANDARD MISSILES MODS		8,164		8,164		
	SUPPORT EQUIPMENT AND FACILITIES						
20	WEAPONS INDUSTRIAL FACILITIES		1,964		1,964		
21	FLEET SATELLITE COMM FOLLOW-ON		36,723		36,723		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
22	ORDNANCE SUPPORT EQUIPMENT		59,096		59,096		
	ORDNANCE SUPPORT EQUIPMENT		1,574,501		1,591,989		+ 17,488
	TOTAL, OTHER MISSILES						
	TORPEDOES AND RELATED EQUIPMENT						
23	TORPEDOES AND RELATED EQUIP						
	SSTD		5,910		5,910		
24	MK-48 TORPEDO	11	44,537	11	44,537		
25	ASW TARGETS		9,302		9,302		
26	MK-54 TORPEDO MODS		98,092		98,092		
27	MK-48 TORPEDO ADCAP MODS		46,139		46,139		
28	QUICKSTRIKE MINE		1,236		1,236		
	SUPPORT EQUIPMENT						
29	TORPEDO SUPPORT EQUIPMENT		60,061		60,061		
30	ASW RANGE SUPPORT		3,706		3,706		
	DESTINATION TRANSPORTATION						
31	FIRST DESTINATION TRANSPORTATION		3,804		3,804		
	TOTAL, TORPEDOES AND RELATED EQUIPMENT		272,787		272,787		
	OTHER WEAPONS						
	GUNS AND GUN MOUNTS						
32	SMALL ARMS AND WEAPONS		18,002		18,002		
	MODIFICATION OF GUNS AND GUN MOUNTS						
33	CWS MODS		50,900		50,900		
34	COAST GUARD WEAPONS		25,295		25,295		
35	GUN MOUNT MODS		77,003		77,003		
36	LCS MODULE WEAPONS	24	2,776	24	2,776		
38	AIRBORNE MINE NEUTRALIZATION SYSTEMS		15,753		15,753		
	TOTAL, OTHER WEAPONS		189,729		189,729		

40	SPARES AND REPAIR PARTS	62,383	62,383	62,383	62,383	.....
	TOTAL, WEAPONS PROCUREMENT, NAVY	3,209,262	3,226,750	3,226,750	.....	+ 17,488

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
3	Tomahawk	186,905	236,105	+ 49,200
	Program Increase .....	.....	.....	+ 56,200
	Restoring acquisition accountability: Unit cost growth ...	.....	.....	- 7,000
4	AMRAAM	204,697	197,263	- 7,434
	Restoring acquisition accountability: Unit cost growth ...	.....	.....	- 7,434
7	Standard Missile	501,212	481,212	- 20,000
	Restoring acquisition accountability: ECP cost growth ...	.....	.....	- 20,000
9	Joint Air Ground Missile (JAGM)	26,200	21,922	- 4,278
	Restoring acquisition accountability: AUR unit cost variance .....	.....	.....	- 4,278

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2016	\$651,920,000
Budget estimate, 2017	664,368,000
Committee recommendation	662,968,000

The Committee recommends an appropriation of \$662,968,000. This is \$1,400,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROC AMMO, NAVY						
	NAVY AMMUNITION						
1	GENERAL PURPOSE BOMBS		91,659		91,659		
2	AIRBORNE ROCKETS, ALL TYPES		65,759		65,759		
3	MACHINE GUN AMMUNITION		8,152		8,152		
4	PRACTICE BOMBS		41,873		41,873		
5	CARTRIDGES & CART ACTUATED DEVICES		54,002		54,002		
6	AIR EXPENDABLE COUNTERMEASURES		57,034		57,034		
7	JATOS		2,735		2,735		
9	5 INCH/54 GUN AMMUNITION		19,220		19,220		
10	INTERMEDIATE CALIBER GUN AMMUNITION		30,196		30,196		
11	OTHER SHIP GUN AMMUNITION		39,009		46,209		+7,200
12	SMALL ARMS & LANDING PARTY AMMO		46,727		46,727		
13	PYROTECHNIC AND DEMOLITION		9,806		9,806		
14	AMMUNITION LESS THAN \$5 MILLION		2,900		2,900		
	TOTAL, PROC AMMO, NAVY		469,072		476,272		+7,200
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
15	SMALL ARMS AMMUNITION		27,958		27,958		
17	40 MM, ALL TYPES		14,758		14,758		
18	60MM, ALL TYPES		992		992		
20	120MM, ALL TYPES		16,757		12,157		-4,600
21	GRENADES, ALL TYPES		972		972		
22	ROCKETS, ALL TYPES		14,186		14,186		
23	ARTILLERY, ALL TYPES		68,656		68,656		
24	DEMOLITION MUNITIONS, ALL TYPES		1,700		1,700		
25	FUZE, ALL TYPES		26,088		26,088		
27	AMMO MODERNIZATION		14,660		14,660		
28	ITEMS LESS THAN \$5 MILLION		8,569		4,569		-4,000

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	TOTAL, PROC AMMO, MARINE CORPS		195,296		186,696		-8,600
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		664,368		662,968		-1,400

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
11	Other Ship Gun Ammunition	39,009	46,209	+ 7,200
	Program increase			+ 7,200
20	120mm, All Types	16,757	12,157	- 4,600
	Improving funds management: Forward financing			- 4,600
28	Items Less Than \$5 Million	8,569	4,569	- 4,000
	Improving funds management: Unobligated balances			- 4,000

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 2016	\$18,704,539,000
Budget estimate, 2017	18,354,874,000
Committee recommendation	20,460,724,000

The Committee recommends an appropriation of \$20,460,724,000. This is \$2,105,850,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
SHIPBUILDING & CONVERSION, NAVY							
1	FLEET BALLISTIC MISSILE SHIPS		773,138		773,138		
	OHIO REPLACEMENT SUBMARINE (AP-CY)						- 16,000
OTHER WARSHIPS							
2	CARRIER REPLACEMENT PROGRAM		1,291,783		1,275,783		
3	CARRIER REPLACEMENT PROGRAM (AP-CY)		1,370,784		1,370,784		
4	VIRGINIA CLASS SUBMARINE	2	3,187,985	2	3,187,985		
5	VIRGINIA CLASS SUBMARINE (AP-CY)		1,767,234		1,852,234		+ 85,000
6	CVN REFUELING OVERHAUL		1,743,220		1,743,220		
7	CVN REFUELING OVERHAULS (AP-CY)		248,599		233,149		- 15,450
8	DDG 1000		271,756		271,756		
9	DDG-51	2	3,211,292	3	3,614,792		+ 403,500
11	LITTORAL COMBAT SHIP	2	1,125,625	3	1,600,625		+ 475,000
	TOTAL, OTHER WARSHIPS		14,218,278		15,150,328		+ 932,050
AMPHIBIOUS SHIPS							
13	AMPHIBIOUS SHIP REPLACEMENT (AP-CY)				200,000		+ 200,000
16	LHA REPLACEMENT	1	1,623,024	1	1,623,024		
	TOTAL, AMPHIBIOUS SHIPS		1,623,024		1,823,024		+ 200,000
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS							
20	TAO FLEET OILER (AP-CY)		73,079		73,079		
22	MOORED TRAINING SHIP	1	624,527	1	624,527		
25	OUTFITTING		666,158		639,958		- 26,200
26	SHIP TO SHORE CONNECTOR	2	128,067	2	128,067		
27	SERVICE CRAFT		65,192		65,192		
28	LCAC SLEP		1,774		1,774		
29	YP CRAFT MAINTENANCE/ROH/SLEP		21,363		21,363		
30	COMPLETION OF PY SHIPBUILDING PROGRAMS		160,274		160,274		
31	POLAR ICEBREAKERS	1		1	1,000,000		+ 1,000,000

TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM .....	.....	1,740,434	.....	2,714,234	.....	+ 973,800
TOTAL, SHIPBUILDING & CONVERSION, NAVY .....	.....	18,354,874	.....	20,460,724	.....	+2,105,850

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
2	Carrier Replacement Program	1,291,783	1,275,783	- 16,000
	Restoring acquisition accountability: Reduction in change orders growth			- 16,000
5	Virginia Class Submarine—AP	1,767,234	1,852,234	+ 85,000
	Program increase			+ 85,000
7	CVN Refueling Overhauls—AP	248,599	233,149	- 15,450
	Maintain program affordability: Other costs growth			- 7,500
	Maintain program affordability: Basic plans growth			- 4,300
	Maintain program affordability: Electronics cost growth			- 3,650
9	DDG—51	3,211,292	3,614,792	+ 403,500
	Final increment of DDG 51 partially funded in fiscal year 2016			+ 433,000
	Budget document disparity: Change orders reduction from two ships requested for fiscal year 2017			- 29,500
11	Littoral Combat Ship	1,125,625	1,600,625	+ 475,000
	Additional ship			+ 475,000
13	Amphibious Ship Replacement—AP		200,000	+ 200,000
	Additional funding to support LPD 29 or LX(R) class of ships			+ 200,000
25	Outfitting	666,158	639,958	- 26,200
	Improving funds management: Outfitting and post delivery funds early to need			- 26,200
31	Polar Icebreakers		1,000,000	+ 1,000,000
	One ship for the polar icebreaker recapitalization project			+ 1,000,000

Polar Icebreaker Recapitalization Project.—As detailed in the report accompanying the Senate version of the fiscal year 2015 Department of Defense Appropriations Bill (Senate Report 113–211), the Committee is concerned that the United States is operating an icebreaker fleet consisting of only one heavy and one medium vessel. This falls short of U.S. requirements which independent analysis has determined requires three heavy and three medium icebreakers to cover our Nation’s needs in the Arctic and Antarctic. Recognizing the strategic importance of polar operations to our Nation’s future security and prosperity, the Committee strongly supports proposals to accelerate new construction of icebreaker ships.

In August of last year, the President of the United States visited the Arctic and upon his return announced plans to accelerate planned icebreaker construction from 2022 to 2020. During this announcement, the President expressed his commitment to work with Congress to make sure the United States produces an icebreaker fleet sufficient to meet our economic, commercial, maritime and national security needs. The Committee believes this was an important step to ensuring year-round access to the Polar Regions and increasing U.S. Government’s capability in these areas.

Further, the current age and condition of the operational U.S. polar icebreaker fleet, the *Polar Star* and the *Healy*, validates the need to pursue an accelerated replacement timeline. The *Polar Star* entered service in 1976 and is now well beyond its original 30-year service life. The ship was refurbished and reentered service in 2012 for an intended additional service period of 7 to 10 years—ending

between 2019 and 2022. The *Healy*, the last icebreaker produced for the U.S. Government, was funded more than 25 years ago by the Department of Defense Appropriations Act, 1990 (Public Law 101–165).

While the effort to speed polar icebreaker acquisition by 2 years is commendable, the Committee believes more must be done now to expand our capabilities and to defend interests in the Polar Regions. In addition to concerns about our current fleet, the Committee notes that Russia has roughly 40 operational icebreakers and 11 icebreakers either planned or under construction. Therefore, to further accelerate production, the Committee recommends \$1,000,000,000 in the “Shipbuilding and Conversion, Navy” account to construct domestically the first U.S. Coast Guard operated ship for the Polar Icebreaker Recapitalization Project. In order to achieve an earlier start on this project and to reduce cost and schedule risk, the Committee encourages the selection of an in-service U.S. hull design and the setting of limitations on overall ship specifications and requirements. The Committee directs the Secretary of Defense in coordination with the Secretary of Homeland Security to submit a report to the appropriate congressional committees not later than September 30, 2016 which provides polar icebreaker requirements, preferred design, overall acquisition strategy, and a breakout of funds necessary to support the acquisition.

Expeditionary Fast Transport [EFT].—The Department of Defense Appropriations Act, 2016 (Public Law 114–113) provided funds for a 12th Expeditionary Fast Transport ship, formerly known as the Joint High Speed Vessel. The Committee has supported the construction of additional EFTs and notes a previous requirement for 18 ships. The Department decided to assume risk with the overall ship requirement due to fiscal constraints and reduced the program procurement objective when it submitted its budget for fiscal year 2013. As these ships are deployed, the Committee understands that Combatant and Fleet Commanders are identifying additional missions for the ships since they provide a means for fast intra-theater transportation of troops, military vehicles and equipment which thereby free up the more limited high-end platforms for more appropriate missions. While the Committee does not recommend funding for an additional ship in fiscal year 2017, the Committee supports a Navy reassessment of the overall procurement objective to determine if there is a requirement for more ships to meet Fleet demand.

OTHER PROCUREMENT, NAVY

Appropriations, 2016	\$6,484,257,000
Budget estimate, 2017	6,338,861,000
Committee recommendation	6,229,762,000

The Committee recommends an appropriation of \$6,229,762,000. This is \$109,099,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
	SHIP PROPULSION EQUIPMENT						
3	SURFACE POWER EQUIPMENT		15,514		15,514		
4	HYBRID ELECTRIC DRIVE (HED)		40,132		35,933		-4,199
	GENERATORS						
5	SURFACE COMBATANT HM&E		29,974		29,974		
	NAVIGATION EQUIPMENT						
6	OTHER NAVIGATION EQUIPMENT		63,942		63,942		
	PERISCOPES						
8	SUB PERISCOPES & IMAGING EQUIP		136,421		136,421		
	OTHER SHIPBOARD EQUIPMENT						
9	DDG MOD		367,766		367,766		
10	FIREFIGHTING EQUIPMENT		14,743		14,743		
11	COMMAND AND CONTROL SWITCHBOARD		2,140		2,140		
12	LHA/LHD MIDLIFE		24,939		24,939		
14	POLLUTION CONTROL EQUIPMENT		20,191		19,342		-849
15	SUBMARINE SUPPORT EQUIPMENT		8,995		8,995		
16	VIRGINIA CLASS SUPPORT EQUIPMENT		66,838		66,838		
17	LCS CLASS SUPPORT EQUIPMENT		54,823		48,053		-6,770
18	SUBMARINE BATTERIES		23,359		23,359		
19	LPD CLASS SUPPORT EQUIPMENT		40,321		35,455		-4,866
20	DDG-1000 SUPPORT EQUIPMENT		33,404		33,404		
21	STRATEGIC PLATFORM SUPPORT EQUIP		15,836		15,836		
22	DSSP EQUIPMENT		806		806		
23	CRUISER MODERNIZATION				55,800		+ 55,800
24	LCAC		3,090		3,090		
25	UNDERWATER EOD PROGRAMS		24,350		24,350		
26	ITEMS LESS THAN \$5 MILLION		88,719		79,582		-9,137
27	CHEMICAL WARFARE DETECTORS		2,873		2,873		
28	SUBMARINE LIFE SUPPORT SYSTEM		6,043		2,329		-3,714

30	REACTOR PLANT EQUIPMENT	342,158	342,158		342,158				
	REACTOR COMPONENTS								
31	OCEAN ENGINEERING	8,973	8,973		8,973				
	DIVING AND SALVAGE EQUIPMENT								
32	SMALL BOATS	43,684	43,684		43,684				
	STANDARD BOATS								+ 12,000
	TRAINING EQUIPMENT								
34	PRODUCTION FACILITIES EQUIPMENT	75,421	75,421		75,421				
	OPERATING FORCES IPE								
35	OTHER SHIP SUPPORT	172,718	172,718		172,718				
	NUCLEAR ALTERATIONS								
36	LCS COMMON MISSION MODULES EQUIPMENT	27,840	27,840		27,840				-12,170
37	LCS MCM MISSION MODULES	57,146	57,146		57,146				-22,600
38	LCS ASW MISSION MODULES	31,952	31,952		31,952				-31,952
39	LCS SUW MISSION MODULES	22,466	22,466		22,466				-1,402
	LOGISTICS SUPPORT								
41	LSD MIDLIFE	10,813	10,813		10,813				+ 45,700
	TOTAL, SHIPS SUPPORT EQUIPMENT	1,878,390	1,878,390		1,894,231				+ 15,841
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT								
	SHIP SONARS								
42	SPO-9B RADAR	14,363	14,363		14,363				
43	AWSSQ-89 SURF ASW COMBAT SYSTEM	90,029	90,029		90,029				-2,205
45	SSN ACOUSTICS	248,765	248,765		248,765				+ 20,000
46	UNDERSEA WARFARE SUPPORT EQUIPMENT	7,163	7,163		7,163				
	ASW ELECTRONIC EQUIPMENT								
48	SUBMARINE ACOUSTIC WARFARE SYSTEM	21,291	21,291		21,291				
49	SSTD	6,893	6,893		6,893				
50	FIXED SURVEILLANCE SYSTEM	145,701	145,701		145,701				
51	SURTASS	36,136	36,136		36,136				
	ELECTRONIC WARFARE EQUIPMENT								
53	AWSLQ-32	274,892	274,892		274,892				- 62,980
	RECONNAISSANCE EQUIPMENT								
54	SHIPBOARD IW EXPLOIT	170,733	170,733		170,733				
55	AUTOMATED IDENTIFICATION SYSTEM (AIS)	958	958		958				

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SUBMARINE SURVEILLANCE EQUIPMENT						
57	OTHER SHIP ELECTRONIC EQUIPMENT		22,034		22,034		
59	COOPERATIVE ENGAGEMENT CAPABILITY		12,336		12,336		
60	NAVAL TACTICAL COMMAND SUPPORT SYSTEM [NTCSS]		30,105		27,921		-2,184
61	ATDLS		4,556		4,556		
62	NAVY COMMAND AND CONTROL SYSTEM [NCCS]		56,675		32,198		-24,477
63	MINESWEEPING SYSTEM REPLACEMENT		8,875		8,875		
64	SHALLOW WATER MCM		12,752		12,752		
65	NAVSTAR GPS RECEIVERS (SPACE)		4,577		4,577		
66	ARMED FORCES RADIO AND TV		8,972		8,972		
	STRATEGIC PLATFORM SUPPORT EQUIP						
	TRAINING EQUIPMENT						
	AVIATION ELECTRONIC EQUIPMENT						
69	ASHORE ATC EQUIPMENT		75,068		75,068		
70	AFLOAT ATC EQUIPMENT		33,484		33,484		
76	ID SYSTEMS		22,177		22,177		
77	NAVAL MISSION PLANNING SYSTEMS		14,273		14,273		
80	TACTICAL/MOBILE C4I SYSTEMS		27,927		27,927		
	OTHER SHORE ELECTRONIC EQUIPMENT						
81	DGGS-N		12,676		12,676		
82	CANES		212,030		185,860		-26,170
83	RADIAC		8,092		8,092		
84	CANES-INTELL		36,013		31,746		-4,267
85	GPETE		6,428		6,428		
87	INTEG COMBAT SYSTEM TEST FACILITY		8,376		8,376		
88	EMI CONTROL INSTRUMENTATION		3,971		3,971		
89	ITEMS LESS THAN \$5 MILLION		58,721		58,721		
	SHIPBOARD COMMUNICATIONS						
90	SHIPBOARD TACTICAL COMMUNICATIONS		17,366		16,252		-1,114
91	SHIP COMMUNICATIONS AUTOMATION		102,479		102,479		
92	COMMUNICATIONS ITEMS UNDER \$5M		10,403		10,403		

93	SUBMARINE COMMUNICATIONS	34,151	34,151	34,151	.....
94	SUBMARINE BROADCAST SUPPORT	64,529	64,529	64,529	.....
	SUBMARINE COMMUNICATION EQUIPMENT				.....
95	SATELLITE COMMUNICATIONS	14,414	14,414	14,414	.....
96	SATELLITE COMMUNICATIONS SYSTEMS	38,365	38,365	38,365	.....
	NAVY MULTIBAND TERMINAL (NMT)				.....
97	SHORE COMMUNICATIONS	4,156	4,156	4,156	.....
	JCS COMMUNICATIONS EQUIPMENT				.....
	CRYPTOGRAPHIC EQUIPMENT				.....
99	INFO SYSTEMS SECURITY PROGRAM (ISSP)	85,694	85,694	95,694	+ 10,000
100	MIO INTEL EXPLOITATION TEAM	920	920	920	.....
101	CRYPTOLOGIC EQUIPMENT	21,098	21,098	21,098	.....
	CRYPTOLOGIC COMMUNICATIONS EQUIP				.....
	OTHER ELECTRONIC SUPPORT				.....
102	COAST GUARD EQUIPMENT	32,291	32,291	32,291	.....
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	2,122,908	2,029,511	2,029,511	- 93,397
	AVIATION SUPPORT EQUIPMENT				.....
103	SONOBUOYS	162,588	162,588	159,541	- 3,047
	SONOBUOYS—ALL TYPES				.....
104	AIRCRAFT SUPPORT EQUIPMENT	58,116	58,116	58,116	.....
105	WEAPONS RANGE SUPPORT EQUIPMENT	120,324	120,324	120,324	.....
106	AIRCRAFT SUPPORT EQUIPMENT	29,253	29,253	29,253	.....
107	METEOROLOGICAL EQUIPMENT	632	632	632	.....
	OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL)				.....
108	AIRBORNE MINE COUNTERMEASURES	29,097	29,097	29,097	.....
109	AVIATION SUPPORT EQUIPMENT	39,099	31,561	31,561	- 7,538
	TOTAL, AVIATION SUPPORT EQUIPMENT	439,109	428,524	428,524	- 10,585
	ORDNANCE SUPPORT EQUIPMENT				.....
110	SHIP GUN SYSTEM EQUIPMENT	6,191	6,191	6,191	.....
	SHIP GUN SYSTEMS EQUIPMENT				.....
111	SHIP MISSILE SYSTEMS EQUIPMENT	320,446	320,446	320,446	.....
112	SHIP MISSILE SUPPORT EQUIPMENT	71,046	71,046	71,046	.....
	TOMAHAWK SUPPORT EQUIPMENT				.....

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
113	FBM SUPPORT EQUIPMENT		215,138		215,138		
	STRATEGIC MISSILE SYSTEMS EQUIP						
114	ASW SUPPORT EQUIPMENT		130,715		130,715		
115	SSN COMBAT CONTROL SYSTEMS		26,431		26,431		
	ASW SUPPORT EQUIPMENT						
116	OTHER ORDNANCE SUPPORT EQUIPMENT		11,821		11,821		
117	EXPLOSIVE ORDNANCE DISPOSAL EQUIP		6,243		6,243		
	ITEMS LESS THAN \$5 MILLION						
118	OTHER EXPENDABLE ORDNANCE		48,020		48,020		
120	SUBMARINE TRAINING DEVICE MODS		97,514		94,979		-2,535
	SURFACE TRAINING EQUIPMENT						
	TOTAL, ORDNANCE SUPPORT EQUIPMENT		933,565		931,030		-2,535
121	CIVIL ENGINEERING SUPPORT EQUIPMENT		8,853		8,853		
122	PASSENGER CARRYING VEHICLES		4,928		4,928		
123	GENERAL PURPOSE TRUCKS		18,527		18,527		
124	CONSTRUCTION & MAINTENANCE EQUIP		13,569		13,569		
125	FIRE FIGHTING EQUIPMENT		14,917		14,917		
126	TACTICAL VEHICLES		7,676		7,676		
127	AMPHIBIOUS EQUIPMENT		2,321		2,321		
128	POLLUTION CONTROL EQUIPMENT		12,459		8,436		-4,023
129	ITEMS UNDER \$5 MILLION		1,095		1,095		
	PHYSICAL SECURITY VEHICLES						
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT		84,345		80,322		-4,023
131	SUPPLY SUPPORT EQUIPMENT		16,023		16,023		
133	SUPPLY EQUIPMENT		5,115		5,115		
134	FIRST DESTINATION TRANSPORTATION		295,471		295,471		
	SPECIAL PURPOSE SUPPLY SYSTEMS						
	TOTAL, SUPPLY SUPPORT EQUIPMENT		316,609		316,609		

	PERSONNEL AND COMMAND SUPPORT EQUIPMENT							
	TRAINING DEVICES							
136	TRAINING AND EDUCATION EQUIPMENT		9,504			9,504		
	COMMAND SUPPORT EQUIPMENT							
137	COMMAND SUPPORT EQUIPMENT		37,180			22,780		- 14,400
139	MEDICAL SUPPORT EQUIPMENT		4,128			4,128		
141	NAVAL MIP SUPPORT EQUIPMENT		1,925			1,925		
142	OPERATING FORCES SUPPORT EQUIPMENT		4,777			4,777		
143	CAISR EQUIPMENT		9,073			9,073		
144	ENVIRONMENTAL SUPPORT EQUIPMENT		21,107			21,107		
145	PHYSICAL SECURITY EQUIPMENT		100,906			100,906		
146	ENTERPRISE INFORMATION TECHNOLOGY		67,544			67,544		
150	NEXT GENERATION ENTERPRISE SERVICE		98,216			98,216		
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT		354,360			339,960		- 14,400
151	SPARES AND REPAIR PARTS		199,660			199,660		
	CLASSIFIED PROGRAMS		9,915			9,915		
	TOTAL, OTHER PROCUREMENT, NAVY		6,338,861			6,229,762		- 109,099

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
4	Hybrid Electric Drive [HED]	40,132	35,933	- 4,199
	Improving funds management: Installation funding ahead of need			- 4,199
14	Pollution Control Equipment	20,191	19,342	- 849
	Restoring acquisition accountability: Lightering systems cost growth			- 849
17	LCS Class Support Equipment	54,823	48,053	- 6,770
	Improving funds management: Prior year carryover			- 6,770
19	LPD Class Support Equipment	40,321	35,455	- 4,866
	Improving funds management: Installation funding ahead of need due to contract delays			- 4,866
23	CG Modernization		55,800	+ 55,800
	Cruiser modernization: Transfer from SMOSF for budget execution			+ 55,800
26	Items Less Than \$5 Million	88,719	79,582	- 9,137
	Restoring acquisition accountability: Propellers and shafts cost growth			- 849
	Improving funds management: Machinery plant upgrades installation funding ahead of need due to contract delay			- 6,135
	Improving funds management: LSD boat davit installation funding ahead of need due to contract delay			- 2,153
28	Submarine Life Support System	6,043	2,329	- 3,714
	Improving funds management: Prior year carryover			- 3,714
32	Standard Boats	43,684	55,684	+ 12,000
	Program increase			+ 12,000
36	LCS Common Mission Modules Equipment	27,840	15,670	- 12,170
	Restoring acquisition accountability: Mission bay training devices—MCM			- 12,170
37	LCS MCM Mission Modules	57,146	34,546	- 22,600
	Restoring acquisition accountability: Unmanned surface sweep system ahead of need			- 11,800
	Restoring acquisition accountability: Knifefish ahead of need			- 10,800
38	LCS ASW Mission Modules	31,952		- 31,952
	Restoring acquisition accountability: ASW mission module ahead of need			- 31,952
39	LCS SUW Mission Modules	22,466	21,064	- 1,402
	Restoring acquisition accountability: MK-46 gun weapons system prior year contract savings			- 1,402
41	LSD Midlife	10,813	56,513	+ 45,700
	LSD modernization: Transfer from SMOSF for budget execution			+ 45,700
43	AN/SQQ-89 Surf ASW Combat System	90,029	87,824	- 2,205
	Restoring acquisition accountability: FLT I/II upgrade installation funding ahead of need			- 2,205
45	SSN Acoustic Equipment	248,765	268,765	+ 20,000
	Program increase			+ 20,000
53	AN/SLQ-32	274,892	211,912	- 62,980
	Restoring acquisition accountability: Block 2 unit cost growth			- 2,640
	Restoring acquisition accountability: Block 3 concurrency			- 50,675
	Restoring acquisition accountability: Block 3T excess installation funding			- 9,665
60	ATDLS	30,105	27,921	- 2,184
	Improving funds management: Installation funding ahead of need			- 2,184

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
62	Minesweeping System Replacement	56,675	32,198	-24,477
	Restoring acquisition accountability: Knifefish ahead of need			-20,487
	Restoring acquisition accountability: Unmanned influence sweep system trainers ahead of need			-3,990
82	CANES	212,030	185,860	-26,170
	Improving funds management: Installation funding ahead of need			-26,170
84	CANES-Intell	36,013	31,746	-4,267
	Improving funds management: Installation funding ahead of need			-4,267
90	Shipboard Tactical Communications	17,366	16,252	-1,114
	Improving funds management: Installation funding ahead of need			-1,114
99	Info Systems Security Program [ISSP]	85,694	95,694	+10,000
	Program increase			+10,000
103	Sonobuoys—All Types	162,588	159,541	-3,047
	Restoring acquisition accountability: Excess unit cost growth			-3,047
109	Aviation Support Equipment	39,099	31,561	-7,538
	Improving funds management: Program delay			-7,538
120	Surface Training Equipment	97,514	94,979	-2,535
	Restoring acquisition accountability: BFTT upgrade kits installation funding ahead of need			-2,535
128	Items Under \$5 Million	12,459	8,436	-4,023
	Improving funds management: Prior year carryover			-4,023
137	Command Support Equipment	37,180	22,780	-14,400
	Improving funds management: CNIC building control system unjustified request			-14,400

PROCUREMENT, MARINE CORPS

Appropriations, 2016	\$1,186,812,000
Budget estimate, 2017	1,362,769,000
Committee recommendation	1,362,769,000

The Committee recommends an appropriation of \$1,362,769,000. This is equal to 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, MARINE CORPS						
	WEAPONS AND COMBAT VEHICLES						
	TRACKED COMBAT VEHICLES						
1	AAV7A1 PIP		73,785		71,785		-2,000
2	LAV PIP		53,423		53,423		
	ARTILLERY AND OTHER WEAPONS						
3	EXPEDITIONARY FIRE SUPPORT SYSTEM		3,360		3,360		
4	155MM LIGHTWEIGHT TOWED HOWITZER		3,318		3,318		
5	HIGH MOBILITY ARTILLERY ROCKET SYSTEM		33,725		33,725		
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		8,181		8,181		
	OTHER SUPPORT						
7	MODIFICATION KITS		15,250		15,250		
8	WEAPONS ENHANCEMENT PROGRAM		1,000		1,000		+1,000
	TOTAL, WEAPONS AND COMBAT VEHICLES		191,042		190,042		-1,000
	GUIDED MISSILES AND EQUIPMENT						
	GUIDED MISSILES						
9	GROUND BASED AIR DEFENSE		9,170		9,170		
10	JAVELIN		1,009		1,009		
11	FOLLOW ON TO SMAW		24,666		24,666		
12	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAMS-H)		17,080		17,080		
	OTHER SUPPORT						
	TOTAL, GUIDED MISSILES AND EQUIPMENT		51,925		51,925		
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
15	COMMAND AND CONTROL SYSTEMS		47,312		53,312		+6,000
	COMMON AVIATION COMMAND AND CONTROL SYS						
	REPAIR AND TEST EQUIPMENT		16,469		16,469		
16	REPAIR AND TEST EQUIPMENT						

19	COMMAND AND CONTROL								
20	ITEMS UNDER \$5 MILLION (COMM & ELEC)								
	AIR OPERATIONS C2 SYSTEMS					7,433		7,433	
						15,917		15,917	
21	RADAR + EQUIPMENT (NON-TEL)								
22	RADAR SYSTEMS					17,772		17,772	
23	GROUND/AIR TASK ORIENTED RADAR	3				123,758	3	123,758	
	RQ-21 UAS	4				80,217	4	80,217	
24	INTELL/COMM EQUIPMENT (NON-TEL)								
	GGSS-MC					1,089		1,089	
24	FIRE SUPPORT SYSTEM					13,258		13,258	
25	INTELLIGENCE SUPPORT EQUIPMENT					56,379		56,379	
27	RO-11 UAV					1,976		1,976	
28	DCGS-MC					1,149		1,149	
32	UAS PAYLOADS					2,971		2,971	
34	OTHER COMM/ELEC EQUIPMENT (NON-TEL)								
	NEXT GENERATION ENTERPRISE NETWORK (NGEN)					76,302		76,302	
35	OTHER SUPPORT (NON-TEL)								
	COMMON COMPUTER RESOURCES					41,802		41,802	
36	COMMAND POST SYSTEMS					90,924		90,924	
37	RADIO SYSTEMS					43,714		43,714	
38	COMM SWITCHING & CONTROL SYSTEMS					66,383		66,383	
39	COMM & ELEC INFRASTRUCTURE SUPPORT					30,229		30,229	
	CLASSIFIED PROGRAMS					2,738		2,738	
	TOTAL COMMUNICATIONS AND ELECTRONICS EQUIPMENT					737,792		740,792	+3,000
	SUPPORT VEHICLES								
41	ADMINISTRATIVE VEHICLES								
	COMMERCIAL CARGO VEHICLES					88,312		86,312	-2,000
43	TACTICAL VEHICLES								
43	MOTOR TRANSPORT MODIFICATIONS					13,292		13,292	
45	JOINT LIGHT TACTICAL VEHICLE	192				113,230	192	113,230	
46	FAMILY OF TACTICAL TRAILERS					2,691		2,691	
	OTHER SUPPORT								
	TOTAL SUPPORT VEHICLES					217,525		215,525	-2,000

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	ENGINEER AND OTHER EQUIPMENT						
	ENGINEER AND OTHER EQUIPMENT						
48	ENVIRONMENTAL CONTROL EQUIP ASSORT		18		18		
50	TACTICAL FUEL SYSTEMS		78		78		
51	POWER EQUIPMENT ASSORTED		17,973		17,973		
52	AMPHIBIOUS SUPPORT EQUIPMENT		7,371		7,371		
53	EOD SYSTEMS		14,021		14,021		
	MATERIALS HANDLING EQUIPMENT						
54	PHYSICAL SECURITY EQUIPMENT		31,523		31,523		
	GENERAL PROPERTY						
58	TRAINING DEVICES		33,658		33,658		
60	FAMILY OF CONSTRUCTION EQUIPMENT		21,315		21,315		
61	FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV)		9,654		9,654		
	OTHER SUPPORT						
62	ITEMS LESS THAN \$5 MILLION		6,026		6,026		
	TOTAL, ENGINEER AND OTHER EQUIPMENT		141,637		141,637		
64	SPARES AND REPAIR PARTS		22,848		22,848		
	TOTAL, PROCUREMENT, MARINE CORPS		1,362,769		1,362,769		

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
1	AAV7A1 PIP	73,785	71,785	- 2,000
	Restoring acquisition accountability: Engineering support growth .....	.....	.....	- 2,000
8	Weapons Enhancement Program .....	.....	1,000	+ 1,000
	Program Increase .....	.....	.....	+ 1,000
15	Common Aviation Command and Control System [CAC2S]	47,312	53,312	+ 6,000
	Program Increase .....	.....	.....	+ 6,000
35	Common Computer Resources	41,802	38,802	- 3,000
	Improving funds management: Prior year carryover .....	.....	.....	- 3,000
41	Commercial Cargo Vehicles	88,312	86,312	- 2,000
	Restoring acquisition accountability: ECP growth .....	.....	.....	- 2,000

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2016	\$15,756,853,000
Budget estimate, 2017	13,922,917,000
Committee recommendation	13,667,822,000

The Committee recommends an appropriation of \$13,667,822,000. This is \$255,095,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, AIR FORCE							
COMBAT AIRCRAFT							
TACTICAL FORCES							
1	F-35	43	4,401,894		3,983,894		-418,000
2	F-35 [AP-CY]		404,500	43	504,500		+100,000
	TOTAL, COMBAT AIRCRAFT		4,806,394		4,488,394		-318,000
AIRLIFT AIRCRAFT							
OTHER AIRLIFT							
3	KC-46A TANKER	15	2,884,591	15	2,884,591		
4	C-130J	2	145,655	2	305,655		+160,000
6	HC-130J	3	317,576	3	317,576		
7	HC-130J		20,000		20,000		
8	MC-130J	6	548,358	6	499,358		-49,000
9	MC-130J (AP)		50,000		50,000		
	TOTAL, AIRLIFT AIRCRAFT		3,966,180		4,077,180		+111,000
OTHER AIRCRAFT							
HELICOPTERS							
10	UH-1H REPLACEMENT		18,337		93,337		+75,000
MISSION SUPPORT AIRCRAFT							
12	CIVIL AIR PATROL A/C	6	2,637	6	10,400		+7,763
OTHER AIRCRAFT							
13	TARGET DRONES	41	114,656	41	114,656		
14	RQ-4 UAV		12,966		7,217		-5,749
15	MQ-9		122,522		122,522		
15X	COMPASS CALL				103,000		+103,000
	TOTAL, OTHER AIRCRAFT		271,118		451,132		+180,014

MODIFICATION OF INSERVICE AIRCRAFT					
16	STRATEGIC AIRCRAFT				
17	B-2A	46,729	46,729		
18	B-1B	116,319	116,319		
19	B-52	109,020	109,020		
20	A-10	1,289	1,289		
21	F-15	105,685	145,405	+ 39,720	
22	F-16	97,331	97,331		
23	F-22A	163,008	127,008	- 36,000	
24	F-35 MODIFICATIONS	175,811	115,811	- 60,000	
25	INCREMENT 3.2b	76,410	70,410	- 6,000	
26	INCREMENT 3.2b [AP-CY]	2,000	2,000		
27	AIRLIFT AIRCRAFT				
28	C-5	24,192	24,192		
29	C-17A	21,555	17,455	- 4,100	
30	C-21	5,439	5,439		
31	C-32A	35,235	30,235	- 5,000	
32	C-37A	5,004	5,004		
33	TRAINER AIRCRAFT				
34	T6	394	394		
35	T-1	12,765	12,765		
36	T-38	25,073	17,073	- 8,000	
37	T-38	45,090	45,090		
38	OTHER AIRCRAFT				
39	U-2 MODS	36,074	25,074	- 11,000	
40	KC-10A (ATCA)	4,570	4,570		
41	C-12	1,995	1,995		
42	VC-25A MOD	102,670	102,670		
43	C-40	13,984	13,984		
44	C-130	9,168	34,168	+ 25,000	
45	C130J MODS	89,424	89,424		
46	C-135	64,161	64,161		
47	COMPASS CALL MODS	130,257	130,257		
48	RC-135	211,438	211,438		
49	E-3	82,786	82,786		
50	E-4	53,348	53,348		
51	E-8	6,244	6,244		
52	AIRBORNE WARNING AND CONTROL SYSTEM	223,427	223,427		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
51	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	3	4,673	3	4,673		
52	H-1		9,007		9,007		
54	H-60		91,357		91,357		
55	RQ-4 UAV MODS		32,045		32,045		
56	HG/MC-130 MODIFICATIONS		30,767		30,767		
57	OTHER AIRCRAFT		33,886		33,886		
59	MQ-9 MODS		141,929		137,300		-4,629
60	CV-22 MODS		63,395		63,395		
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT		2,504,954		2,434,945		-70,009
61	AIRCRAFT SPARES AND REPAIR PARTS		686,491		686,491		
	INITIAL SPARES/REPAIR PARTS		686,491		686,491		
	TOTAL, AIRCRAFT SPARES AND REPAIR PARTS		686,491		686,491		
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
	COMMON SUPPORT EQUIPMENT						
62	AIRCRAFT REPLACEMENT SUPPORT EQUIP		121,935		48,935		-73,000
	POST PRODUCTION SUPPORT						
63	B-2A		154		154		
64	B-2A		43,330		39,330		-4,000
65	B-52		28,125		28,125		
66	C-17A		23,559		8,559		-15,000
69	F-15 POST PRODUCTION SUPPORT		2,980		2,980		
70	F-16 POST PRODUCTION SUPPORT		15,155		2,955		-12,200
71	F-22A		48,505		48,505		
74	RQ-4 POST PRODUCTION CHARGES		99		99		
	INDUSTRIAL PREPAREDNESS						
75	INDUSTRIAL PREPAREDNESS		14,126		14,126		
	WAR CONSUMABLES						
76	WAR CONSUMABLES		120,036		120,036		

77	OTHER PRODUCTION CHARGES		1,252,824		1,198,924	- 53,900
	OTHER PRODUCTION CHARGES					
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		1,670,828		1,512,728	- 158,100
	CLASSIFIED PROGRAMS		16,952		16,952	
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		13,922,917		13,667,822	- 255,095

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
1	F-35	4,401,894	3,983,894	- 418,000
	Improving funds management: Prior year carryover			- 259,000
	Improving funds management: Unit cost growth			- 159,000
2	F-35-AP	404,500	504,500	+ 100,000
	Program increase: Restore advance procurement for FY 2018 aircraft			+ 100,000
4	C-130J	145,655	305,655	+ 160,000
	Program increase: Additional 2 aircraft			+ 160,000
8	MC-130J	548,358	499,358	- 49,000
	Maintain program affordability: Excess due to multiyear savings			- 49,000
10	UUH-1N Replacement	18,337	93,337	+ 75,000
	Program increase			+ 75,000
12	Civil Air Patrol A/C	2,637	10,400	+ 7,763
	Program increase			+ 7,763
14	RQ-4	12,966	7,217	- 5,749
	Maintain program affordability: Excess other production support			- 5,749
15x	Compass Call		103,000	+ 103,000
	Program increase			+ 103,000
21	F-15	105,685	145,405	+ 39,720
	Restoring acquisition accountability: Cost efficiencies			- 5,280
	F-15E AESA radars			+ 45,000
23	F-22A	163,008	127,008	- 36,000
	Restoring acquisition accountability: RAMMP kits unit cost growth			- 36,000
24	F-35 Modifications	175,811	115,811	- 60,000
	Improving funds management: Prior year carryover			- 60,000
25	Increment 3.2b	76,410	70,410	- 6,000
	Maintain program affordability: Program management growth			- 6,000
29	C-17A	21,555	17,455	- 4,100
	Maintain program affordability: Program management growth			- 4,100
31	C-32A	35,235	30,235	- 5,000
	Improving funds management: Prior year carryover			- 5,000
35	T-1	25,073	17,073	- 8,000
	Restoring acquisition accountability: Contract award delay			- 8,000
37	U-2 Mods	36,074	25,074	- 11,000
	Restoring acquisition accountability: Unit cost growth			- 11,000
42	C-130	9,168	34,168	+ 25,000
	Program increase: C-130H modernization			+ 25,000
59	MQ-9 Mods	141,929	137,300	- 4,629
	Maintain program affordability: Unjustified request			- 24,629
	Program increase: Wide-area sensors			+ 20,000
62	Aircraft Replacement Support Equip	121,935	48,935	- 73,000
	Maintain program affordability: Unjustified request			- 73,000
64	B-2a	43,330	39,330	- 4,000
	Maintain program affordability: Unjustified Interim Contractor Support growth			- 4,000
66	C-17A	23,559	8,559	- 15,000
	Improving funds management: Prior year carryover			- 15,000
70	F-16	15,155	2,955	- 12,200
	Maintain program affordability: Excess production line shut down costs			- 12,200
77	Other Production Charges	1,252,824	1,198,924	- 53,900
	Improving funds management: Prior year carryover for unclassified programs			- 34,000

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
	Transfer: To Research, Development, Test and Evaluation, Air Force Classified Programs Line #999 .....	.....	.....	- 19,900

KC-46 Tanker.—The Committee supports the budget request of \$2,884,591,000 to procure 15 KC-46 Tanker aircraft; however, the Committee is concerned with several aspects of the program.

First, the fiscal year 2017 request was originally planned to be the first year of full rate production with a maximum production quantity of 15 aircraft per year, requiring approval from the Under Secretary of Defense for Acquisition, Technology, and Logistics [AT&L]. Unfortunately, the full rate production decision has been delayed and the fiscal year 2017 aircraft buy was downgraded to a low rate initial buy at the same quantity but without a formal review by AT&L.

Second, the program has only completed roughly 20 percent of development flight test and recently identified a critical issue with the refueling boom. The Air Force is still performing testing to determine if the solution requires software or hardware changes, or both.

Third, the Committee is concerned with the numerous delays in key milestones. Specifically, the approval to begin production (milestone C) has slipped 10–11 months; initial operational test and evaluation has slipped 11 months; and delivery of the first aircraft has slipped 9 months. The current schedule indicates that all of these milestones are now projected to occur near the contractually established delivery dates leaving little schedule margin to meet the required assets availability requirement of August 2018.

The Committee fully funds the fiscal year 2017 budget request to maintain the acquisition strategy, with concerns noted above, and directs Secretary of the Air Force to continue providing quarterly program updates.

UH-1 Replacement.—The Committee recognizes the urgent need to replace the current Air Force fleet of UH-1N aircraft supporting the emergency response mission of the intercontinental ballistic missile [ICBM] sites. Therefore, the Committee recommends \$75,000,000 for the Air Force and directs the Air Force to expedite procurement of replacement aircraft in compliance with 10 U.S.C. 2304.

Additionally, the Committee directs the Commander of the United States Strategic Command [USSTRATCOM], not later than 30 days after the date of enactment of this act, to submit a classified report to the congressional defense committees that includes (1) a description of potential threats to the security of ICBM sites as a result of the UH-1N not meeting current mission requirements; (2) a list of helicopter capabilities needed to meet current mission requirements; (3) the minimum number of aircraft needed for emergency response mission; and (4) an assessment of the security risks associated with any shortfalls identified.

Therefore, until the UH-1N aircraft supporting the ICBM sites are replaced, the Committee directs the Secretary of Defense, in coordination with the Secretary of the Air Force, Secretary of the

Army, and the Chairman of the Joint Chiefs of Staff, to mitigate the air support security risks with additional air support. Further, the Committee directs the Secretary of Defense, not later than 180 days after the date of enactment of this act, to submit a report, with certification from the Commander, USSTRATCOM, that the security risk mitigation actions taken do effectively address the shortfalls identified by the report from USSTRATCOM.

Compass Call.—In fiscal year 2016, the Air Force requested to retire six Compass Call aircraft. Due to the unique and high demand capability that the Compass Call aircraft provide, the Committee directed the Air Force to maintain the entire fleet. Recently, the Air Force revised the operating requirements of the Compass Call aircraft and submitted a proposal that would begin procurement of new aircraft onto which the current equipment would be re-hosted. Because the Committee supports the Compass Call mission and acknowledges the fact that the current aircraft are expensive to operate and do not meet the revised operating requirements, in fiscal year 2017 the Committee recommends \$103,000,000 and directs the Air Force to expedite procurement of new aircraft in compliance with 10 U.S. Code 2304.

F-22 Modernization.—The Committee recognizes the increased operational use of the F-22 Raptor and notes that the Air Force is challenged to balance the operational demands and training needs for this platform. Currently, the Air Force retains 31 F-22 Raptors at Tyndall Air Force for pilot training. The Committee believes that, if the need were to arise, these training aircraft could be used to supplement the combat fleet for operational missions. However, the Committee is concerned that the Air Force is not updating the training fleet with the same capability as the operational fleet. Therefore, the Committee directs the Secretary of the Air Force to provide to the congressional defense committees, not later than 120 days after enactment of this act, an analysis of the cost and schedule required to rapidly modernize the 31 remaining Block 20 training F-22 Raptor aircraft based at Tyndall Air Force Base up to the full Increment 3.2B combat configuration.

Joint Surveillance Target Attack Radar System [JSTARS].—The Committee supports the JSTARS recapitalization program, an essential warfighting capability. The Committee expects the Air Force will take no action to prematurely retire E-8C aircraft until the new capability delivers. Accordingly, the Committee directs the Secretary of the Air Force to fund all necessary modifications of the E-8C fleet and maintain all E-8C aircraft in a common configuration to support world-wide missions, avoid the degradation of mission performance, and meet combatant commander requirements.

National Guard Air Superiority Mission.—The Committee recognizes the benefit to the U.S. Northern Command combatant commander, responsible for homeland defense, to have access to lethal air superiority aircraft that are able to perform the air superiority mission for extended periods of time, with only limited air refueling assets. The Committee encourages the Air Force to review the benefits and costs of fully equipping Air National Guard F-15C/D aircraft with conformal fuel tanks and additional weapons stations to enhance homeland defense capability.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2016	\$2,912,131,000
Budget estimate, 2017	2,426,621,000
Committee recommendation	2,408,769,000

The Committee recommends an appropriation of \$2,408,769,000. This is \$17,852,000 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]

Line	Item	Qty.	2017 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		70,247		70,247		
	OTHER MISSILES						
	TACTICAL						
2	JOINT AIR—SURFACE STANDOFF MISSILE (JASSM)	360	431,645	360	431,645		
3	LONG RANGE ANTI—SHIP MISSILE (LRASMO)	20	59,511	20	59,511		
4	SIDEWINDER (AIM—9X)	287	127,438	287	127,438		
5	AMRAAM	256	350,144	256	339,392		
6	PREDATOR HELFIRE MISSILE	284	33,955	284	33,955		
7	SMALL DIAMETER BOMB	312	92,361	312	92,361		
	INDUSTRIAL FACILITIES						
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION		977		977		
	TOTAL, OTHER MISSILES		1,096,031		1,085,279		-10,752
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
9	ICBM FUZE MOD		17,095		17,095		
10	MM III MODIFICATIONS		68,692		68,692		
11	AGM—65D MAVERICK		282		282		
13	AIR LAUNCH CRUISE MISSILE		21,762		21,762		
14	SMALL DIAMETER BOMB		15,349		15,349		
	TOTAL, MODIFICATION OF INSERVICE MISSILES		123,180		123,180		
	SPARES AND REPAIR PARTS						
15	INITIAL SPARES/REPAIR PARTS		81,607		81,607		
	SPECIAL PROGRAMS						
30	SPECIAL UPDATE PROGRAMS		46,125		46,125		

999	CLASSIFIED PROGRAMS .....	.....	1,009,431	.....	1,002,331	.....	-7,100
	TOTAL, MISSILE PROCUREMENT, AIR FORCE .....	.....	2,426,621	.....	2,408,769	.....	-17,852

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
5	AMRAAM	350,144	339,392	- 10,752
	Restoring acquisition accountability: Unit cost growth ....	.....	.....	- 10,752
999	Classified Programs	1,009,431	1,002,331	- 7,100
	Classified adjustment .....	.....	.....	- 7,100

SPACE PROCUREMENT, AIR FORCE

Appropriations, 2016	\$2,812,159,000
Budget estimate, 2017	3,055,743,000
Committee recommendation	2,527,743,000

The Committee recommends an appropriation of \$2,527,743,000. This is \$528,000,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SPACE PROGRAMS						
1	ADVANCED EHF		645,569		645,569		
2	AF SATELLITE COMM SYSTEM		42,375		42,375		
3	COUNTERSPACE SYSTEMS		26,984		26,984		
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	16	88,963	16	88,963		
5	WIDEBAND GAPPILLER SATELLITES		86,272		76,272		-10,000
6	GPS III SPACE SEGMENT		34,059		34,059		
7	GLOBAL POSITIONING (SPACE)		2,169		2,169		
8	SPACEBORNE EQUIP (COMSEC)		46,708		46,708		
9	GLOBAL POSITIONING (SPACE)		13,171		10,171		-3,000
10	MILSATCOM		41,799		41,799		
11	EVOLVED EXPENDABLE LAUNCH VEH INFRASTRUCTURE (SPACE)		768,586		568,586		-200,000
12	EVOLVED EXPENDABLE LAUNCH VEH (SPACE)	5	737,853	3	442,853		-295,000
13	SBR HIGH (SPACE)		362,504		342,504		-20,000
14	NUDET DETECTION SYSTEM SPACE		4,395		4,395		
15	SPACE MODS SPACE		8,642		8,642		
16	SPACE/LIFT RANGE SYSTEM SPACE		123,088		123,088		
	SPARES AND REPAIR PARTS						
17	INITIAL SPARES/REPAIR PARTS		22,606		22,606		
	TOTAL, SPACE PROCUREMENT, AIR FORCE		3,055,743		2,527,743		-528,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
5	Wideband Gapfiller Satellites (Space)	86,272	76,272	-10,000
	Improving funds management: Prior year carryover			-10,000
9	Global Positioning (Space)	13,171	10,171	-3,000
	Maintain program affordability: Unjustified support services and launch and checkout growth			-3,000
11	Evolved Expendable Launch Capability	768,586	568,586	-200,000
	Restoring acquisition accountability: Acquisition Strategy			-200,000
12	Evolved Expendable Launch Veh (Space)	737,853	442,853	-295,000
	Restoring acquisition accountability: Acquisition Strategy			-295,000
13	SBIR (High) Space	362,504	342,504	-20,000
	Improving funds management: Prior year carryover			-20,000

Evolved Expendable Launch Vehicle.—The fiscal year 2017 budget requests \$1,506,439,000 for the Evolved Expendable Launch Vehicle [EELV] program: \$737,853,000 for launch services and \$768,586,000 for launch capability. In the Department of Defense Appropriations Act, 2016 (Public Law 114–113), Congress expressed concern with the Air Force’s 2016 budget request that accelerated GPS III launches ahead of the plan laid out in the 2015 budget request. Congress noted concerns that delays in the Operational Control Segment [OCX] ground system that is needed to launch, checkout, and ultimately integrate and operate the GPS III satellites with the legacy GPS architecture will not be ready for many years after the Air Force plans to launch several of the GPS III satellites. Furthermore, the Department of Defense has been unable to provide Congress with a validation of the requirements for accelerating GPS III launches ahead of the 2015 schedule as required in the 2016 Act.

Despite these concerns and additional delays in the OCX system, the 2017 budget request outlines a plan to launch six satellites before 2019, the earliest the Air Force expects to have a Contingency Operations [Cops] solution that would enable operation of the GPS III satellites in the constellation. The Director, Operational Test and Evaluation [DOT&E] noted in a January 2016 memorandum to the Secretary of Defense, however, that the proposed Cops schedule is “grossly optimistic and unrealistic.” Additionally, the Air Force plans to launch another three GPS III satellites before the end of 2021. The Committee sees no justification for launching so many satellites without a system in place to operate them.

The Committee, therefore, recommends a reduction of \$295,000,000 in the EELV program for two GPS III launch services in 2017 which are ahead of need. In addition, the Committee recommends a reduction of \$200,000,000 for EELV launch capability for those launches and two launches in 2016 that will not be awarded due to congressional termination of one launch in the Department of Defense Appropriations Act, 2016 (Public Law 114–113) and an Air Force movement of the other launch award to an earlier fiscal year. Finally, the Committee recommends a rescission of \$157,000,000 for the 2016 EELV launch service which the Air

Force moved to an earlier award date, but for which funding remained in the fiscal year 2016 budget.

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2016	\$1,744,993,000
Budget estimate, 2017	1,677,719,000
Committee recommendation	1,665,219,000

The Committee recommends an appropriation of \$1,665,219,000. This is \$12,500,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
PROCUREMENT OF AMMUNITION, AIR FORCE							
1	ROCKETS		18,734		18,734		
2	CARTRIDGES		220,237		220,237		
BOMBS							
3	PRACTICE BOMBS		97,106		97,106		
4	GENERAL PURPOSE BOMBS		581,561		581,561		
5	MASSIVE ORDNANCE PENETRATOR (MOP)		3,600		3,600		
6	JOINT DIRECT ATTACK MUNITION	12,133	303,988	12,133	291,488		- 12,500
FLARE, IR MU-7B							
7	CAD/PAD		38,890		38,890		
8	EXPLOSIVE ORDNANCE DISPOSAL [EOD]		5,714		5,714		
9	SPARES AND REPAIR PARTS		740		740		
10	MODIFICATIONS		573		573		
11	ITEMS LESS THAN \$5,000,000		5,156		5,156		
FUZES							
12	FLARES		134,709		134,709		
13	FUZES		229,252		229,252		
TOTAL, PROCUREMENT OF AMMO, AIR FORCE			1,640,260		1,627,760		- 12,500
WEAPONS							
14	SMALL ARMS		37,459		37,459		
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE			1,677,719		1,665,219		- 12,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
6	Joint Direct Attack Munition	303,988	291,488	- 12,500
	Restoring acquisition accountability: Unit cost pricing adjustment .....	.....	.....	- 12,500

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2016	\$18,311,882,000
Budget estimate, 2017	17,438,056,000
Committee recommendation	17,503,191,000

The Committee recommends an appropriation of \$17,503,191,000. This is \$65,135,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE		14,437		11,437		-3,000
2	CARGO + UTILITY VEHICLES		24,812		16,812		-8,000
3	FAMILY MEDIUM TACTICAL VEHICLE		984		1,700		+716
4	CAP VEHICLES		11,191		7,191		-4,000
	ITEMS LESS THAN \$5M (CARGO)						
5	SPECIAL PURPOSE VEHICLES		5,361		5,361		
6	SECURITY AND TACTICAL VEHICLES		4,623		4,623		
	ITEMS LESS THAN \$5M (SPECIAL)						
7	FIRE FIGHTING EQUIPMENT		12,451		12,451		
	FIRE FIGHTING/CRASH RESCUE VEHICLES						
8	MATERIALS HANDLING EQUIPMENT		18,114		18,114		
	ITEMS LESS THAN \$5,000,000						
9	BASE MAINTENANCE SUPPORT		2,310		2,310		
10	RUNWAY SNOW REMOVAL & CLEANING EQUIP		46,868		46,868		
	ITEMS LESS THAN \$5M						
	TOTAL, VEHICULAR EQUIPMENT		141,151		126,867		-14,284
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
12	COMM SECURITY EQUIPMENT(COMSEC)		72,359		84,359		+12,000
	COMSEC EQUIPMENT						
	INTELLIGENCE PROGRAMS		6,982		6,982		
14	INTELLIGENCE TRAINING EQUIPMENT		30,504		30,504		
15	INTELLIGENCE COMM EQUIP						
	ELECTRONICS PROGRAMS		55,803		49,403		-6,400
16	TRAFFIC CONTROL/LANDING		2,673		2,673		
17	NATIONAL AIRSPACE SYSTEM						

18	BATTLE CONTROL SYSTEM—FIXED	5,677	5,677	5,677	5,677	
19	THEATER AIR CONTROL SYS IMPRO	1,163	1,163	1,163	1,163	
20	WEATHER OBSERVATION FORECAST	21,667	21,667	21,667	21,667	
21	STRATEGIC COMMAND AND CONTROL	39,803	39,803	19,903	19,903	-19,900
22	CHEYENNE MOUNTAIN COMPLEX	24,618	24,618	24,618	24,618	
23	MISSION PLANNING SYSTEMS	15,868	15,868	15,868	15,868	
25	INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN)	9,331	9,331	9,331	9,331	
	SPECIAL COMM-ELECTRONICS PROJECTS					
26	GENERAL INFORMATION TECHNOLOGY	41,779	41,779	50,679	50,679	+8,900
27	AF GLOBAL COMMAND & CONTROL SYSTEM	15,729	15,729	15,729	15,729	
28	MOBILITY COMMAND AND CONTROL	9,814	9,814	9,814	9,814	
29	AIR FORCE PHYSICAL SECURITY SYSTEM	99,460	99,460	99,460	99,460	
30	COMBAT TRAINING RANGES	34,850	34,850	34,850	34,850	
31	MINIMUM ESSENTIAL EMERGENCY COMM N	198,925	198,925	198,925	198,925	
32	WIDE AREA SURVEILLANCE (WAS)	6,943	6,943	6,943	6,943	
33	C3 COUNTERMEASURES	19,580	19,580	19,580	19,580	
34	G0SS-AF FOS	1,743	1,743	1,743	1,743	
36	THEATER BATTLE MGT C2 SYS	9,659	9,659	9,659	9,659	
37	AIR AND SPACE OPERATIONS CTR-WPN SYSTEM	15,474	15,474	15,474	15,474	
38	AIR OPERATIONS CENTER [AOC]	30,623	30,623	15,323	15,323	-15,300
	AIR FORCE COMMUNICATIONS					
39	INFORMATION TRANSPORT SYSTEMS	40,043	40,043	40,043	40,043	
40	AFNET	146,897	146,897	131,897	131,897	-15,000
41	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,182	5,182	5,182	5,182	
42	USCENTCOM	13,418	13,418	13,418	13,418	
	ORGANIZATION AND BASE					
52	TACTICAL C-E EQUIPMENT	109,836	109,836	106,836	106,836	-3,000
53	RADIO EQUIPMENT	16,266	16,266	16,266	16,266	
54	CGTV/AUDIOVISUAL EQUIPMENT	7,449	7,449	7,449	7,449	
55	BASE COMM INFRASTRUCTURE	109,215	109,215	88,215	88,215	-21,000
	MODIFICATIONS					
56	COMM ELECT MODS	65,700	65,700	65,700	65,700	
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP	1,285,033	1,285,033	1,225,333	1,225,333	-59,700
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP					
	PERSONAL SAFETY AND RESCUE EQUIP					
58	ITEMS LESS THAN \$5,000,000 (SAFETY)	54,416	54,416	46,416	46,416	-8,000

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
59	DEPOT PLANT + MATERIALS HANDLING EQ MECHANIZED MATERIAL HANDLING .....	.....	7,344	.....	7,344	.....	.....
61	BASE SUPPORT EQUIPMENT .....	.....	6,852	.....	6,852	.....	.....
63	BASE PROCURED EQUIPMENT .....	.....	8,146	.....	13,146	.....	+5,000
64	MOBILITY EQUIPMENT .....	.....	28,427	.....	28,427	.....	.....
	ITEMS LESS THAN \$5M (BASE SUPPORT) .....	.....		.....		.....	.....
	SPECIAL SUPPORT PROJECTS .....	.....		.....		.....	.....
66	DARP RC135 .....	.....	25,287	.....	25,287	.....	.....
67	DISTRIBUTED GROUND SYSTEMS .....	.....	169,201	.....	169,201	.....	.....
69	SPECIAL UPDATE PROGRAM .....	.....	576,710	.....	576,710	.....	.....
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP .....	.....	876,383	.....	873,383	.....	-3,000
	SPARE AND REPAIR PARTS .....	.....		.....		.....	.....
72	SPARES AND REPAIR PARTS .....	.....	15,784	.....	15,784	.....	.....
	CLASSIFIED PROGRAMS .....	.....	15,119,705	.....	15,261,824	.....	+142,119
	TOTAL, OTHER PROCUREMENT, AIR FORCE .....	.....	17,438,056	.....	17,503,191	.....	+65,135

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
1	Passenger Carrying Vehicles	14,437	11,437	- 3,000
	Improving funds management: Unjustified growth			- 3,000
2	Medium Tactical Vehicle	24,812	16,812	- 8,000
	Improving funds management: Unobligated balances			- 8,000
3	Cap Vehicles	984	1,700	+ 716
	Program increase: Civil Air Patrol—vehicles			+ 716
4	Items Less Than \$5 Million	11,191	7,191	- 4,000
	Improving funds management: Unjustified growth			- 4,000
12	Comsec Equipment	72,359	84,359	+ 12,000
	Program increase: Cybersecurity upgrades			+ 12,000
16	Air Traffic Control & Landing Sys	55,803	49,403	- 6,400
	Restoring acquisition accountability: Schedule slips (RAPCON)			- 6,400
21	Strategic Command And Control	39,803	19,903	- 19,900
	Improving funds management: Unobligated balances			- 19,900
26	General Information Technology	41,779	50,679	+ 8,900
	Program increase: Cybersecurity training			+ 8,900
38	Air Operations Center [AOC] 10.2	30,623	15,323	- 15,300
	Restoring acquisition accountability: Schedule slips			- 15,300
40	AFNET	146,897	131,897	- 15,000
	Improving funds management: Unobligated balances			- 15,000
52	Tactical C-E Equipment	109,836	106,836	- 3,000
	Maintain program affordability: Eliminate program growth (TACP-M MCS Non-Recurring)			- 3,000
55	Base Comm Infrastructure	109,215	88,215	- 21,000
	Improving funds management: Unobligated balances			- 21,000
58	Items Less Than \$5 Million	54,416	46,416	- 8,000
	Improving funds management: Program delays (LSS)			- 8,000
63	Mobility Equipment	8,146	13,146	+ 5,000
	Other Base Maintenance and Support Equipment			+ 5,000
	Classified Programs	15,119,705	15,261,824	+ 142,119
	Classified adjustment			+ 142,119

PROCUREMENT, DEFENSE-WIDE

Appropriations, 2016	\$5,245,443,000
Budget estimate, 2017	4,524,918,000
Committee recommendation	4,921,274,000

The Committee recommends an appropriation of \$4,921,274,000. This is \$396,356,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
1	MAJOR EQUIPMENT, DCAA		2,964		2,964		
	MAJOR EQUIPMENT ITEMS LESS THAN \$5M						
2	MAJOR EQUIPMENT, DCMA		92				-92
	MAJOR EQUIPMENT						
3	MAJOR EQUIPMENT, DHRA		14,232		14,232		
	PERSONNEL ADMINISTRATION						
	MAJOR EQUIPMENT, DISA						
6	INFORMATION SYSTEMS SECURITY		21,347		21,347		
7	TELEPORT PROGRAM		50,597		50,597		
8	ITEMS LESS THAN \$5M		10,420		10,420		
9	NET CENTRIC ENTERPRISE SERVICES (NCES)		1,634		1,634		
10	DEFENSE INFORMATION SYSTEMS NETWORK		87,235		87,235		
11	CYBER SECURITY INITIATIVE		4,528		4,528		
12	WHITE HOUSE COMMUNICATION AGENCY		36,846		36,846		
13	SENIOR LEADERSHIP ENTERPRISE		599,391		599,391		
15	JOINT REGIONAL SECURITY STACKS		150,221		150,221		
	MAJOR EQUIPMENT, DLA						
17	MAJOR EQUIPMENT		2,055		2,055		
	MAJOR EQUIPMENT, DDMAC						
18	A—WEAPON SYSTEM COST	4	8,060	4	8,060		
	MAJOR EQUIPMENT, DODEA						
19	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		288		288		
	MAJOR EQUIPMENT, DSS						
20	MAJOR EQUIPMENT		1,057		1,057		
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
21	VEHICLES		200		200		
22	OTHER MAJOR EQUIPMENT		6,437		6,437		

23	MAJOR EQUIPMENT, MDA								
24	THAAD SYSTEM	24	369,608	24	419,608	24	419,608	24	+ 50,000
25	AEGIS BMD	35	463,801	35	513,801	35	513,801	35	+ 50,000
26	BMDs AN/TPY-2 RADARS		5,503		5,503		5,503		
27	ARROW WEAPON SYSTEM CO-PRODUCTION				120,000		120,000		+ 120,000
28	DAVID'S SLING WEAPON SYSTEM CO-PRODUCTION				150,000		150,000		+ 150,000
29	AEGIS ASHORE PHASE III		57,493		57,493		57,493		
30	IRON DOME SYSTEM CO-PRODUCTION		42,000		62,000		62,000		+ 20,000
31	AEGIS BMD HARDWARE AND SOFTWARE		50,098		50,098		50,098		
32	REDESIGNED KILL VEHICLE-AP				50,000		50,000		+ 50,000
33	MAJOR EQUIPMENT, NSA								
34	INFORMATION SYSTEMS SECURITY PROGRAM [ISSP]		4,399		4,399		4,399		
35	MAJOR EQUIPMENT, OSD								
36	MAJOR EQUIPMENT, OSD	39	29,211	39	29,211		29,211		
37	MAJOR EQUIPMENT, TJS								
38	MAJOR EQUIPMENT, TJS		7,988		7,988		7,988		
39	MAJOR EQUIPMENT, WHS								
40	MAJOR EQUIPMENT, WHS		24,979		24,979		24,979		
41	TOTAL, MAJOR EQUIPMENT		2,052,684		2,492,592		2,492,592		+ 439,908
42	SPECIAL OPERATIONS COMMAND								
43	AVIATION PROGRAMS								
44	SOF ROTARY WING UPGRADES AND SUSTAINMENT		150,396		150,396		150,396		
45	UNMANNED ISR		21,190		21,190		21,190		
46	NON-STANDARD AVIATION		4,905		4,905		4,905		
47	SOF U-28		3,970		3,970		3,970		
48	MH-47 CHINOOK		25,022		25,022		25,022		
49	CV-22 SOF MODIFICATION		19,008		19,008		19,008		
50	MQ-9 UNMANNED AERIAL VEHICLE		10,598		10,598		10,598		
51	PRECISION STRIKE PACKAGE		213,122		200,072		200,072		- 13,050
52	AC/MC-130J		73,548		76,598		76,598		+ 3,050
53	C-130 MODIFICATIONS		32,970		32,970		32,970		
54	SHIPBUILDING								
55	UNDERWATER SYSTEMS		37,098		37,098		37,098		
56	AMMUNITION PROGRAMS								
57	SOF ORDNANCE ITEMS UNDER \$5,000,000		105,267		105,267		105,267		

[Dollars in thousands]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT PROGRAMS						
58	SOF INTELLIGENCE SYSTEMS	79,963	79,963		79,963		
59	DCGS-SOF	13,432	13,432		13,432		
60	OTHER ITEMS UNDER \$5,000,000	66,436	66,436		66,436		
61	SOF COMBATANT CRAFT SYSTEMS	55,820	55,820		55,820		
62	SPECIAL PROGRAMS	107,432	107,432		107,432		
63	TACTICAL VEHICLES	67,849	67,849		67,849		
64	WARRIOR SYSTEMS UNDER \$5,000,000	245,781	245,781		245,781		
65	COMBAT MISSION REQUIREMENTS	19,566	19,566		19,566		
66	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,437	3,437		3,437		
67	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	17,299	17,299		17,299		
69	SOF OPERATIONAL ENHANCEMENTS	219,945	219,945		224,393		+ 4,448
	TOTAL, SPECIAL OPERATIONS COMMAND		1,594,054		1,588,502		- 5,552
	CHEMICAL/BIOLOGICAL DEFENSE						
70	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		148,203		148,203		
71	CB PROTECTION AND HAZARD MITIGATION		161,113		161,113		
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		309,316		309,316		
	CLASSIFIED PROGRAMS		568,864		530,864		- 38,000
	TOTAL, PROCUREMENT, DEFENSE-WIDE		4,524,918		4,921,274		+ 396,356

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2017 budget estimate	Committee recommendation	Change from budget estimate
2	Major Equipment	92	.....	- 92
	Budget documentation disparity: Ahead of need .....		.....	- 92
23	THAAD	369,608	419,608	+ 50,000
	Program increase: Obsolescence upgrades .....		.....	+ 50,000
24	Aegis BMD	463,801	513,801	+ 50,000
	Program increase: Obsolescence upgrades .....		.....	+ 50,000
26	Arrow Upper Tier		120,000	+ 120,000
	Increase for Arrow 3 co-production upper tier intercepter program .....		.....	+ 120,000
27	David's Sling		150,000	+ 150,000
	Increase for David Sling's co-production program .....		.....	+ 150,000
29	Iron Dome	42,000	62,000	+ 20,000
	Increase for Iron Dome co-production .....		.....	+ 20,000
XX	Redesigned Kill Vehicle—AP		50,000	+ 50,000
	RKV long lead materials only .....		.....	+ 50,000
	Classified Programs	568,864	530,864	- 38,000
	Classified adjustment .....		.....	- 38,000
53	Precision Strike Package	213,122	200,072	- 13,050
	Transfer Precision Strike Package: SOCOM requested to PDW Line #54 AC/MC-130J .....		.....	- 13,050
54	AC/MC-130J	73,548	76,598	+ 3,050
	Transfer Precision Strike Package: SOCOM requested from PDW Line #53 Precision Strike Package .....		.....	+ 13,050
	Improving funds management: Program delays (MC-130J) .....		.....	- 10,000
64	Warrior Systems <\$5M	245,781	245,781	.....
	Improving funds management: Level funding profile (SCAMPI) .....		.....	- 4,000
	Program increase: Weapons accessories .....		.....	+ 4,000
69	Operational Enhancements	219,945	224,393	4,448
	Classified adjustment .....		.....	- 552
	Program increase: Rotary-wing ammo .....		.....	+ 5,000

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 2016	\$76,680,000
Budget estimate, 2017	44,065,000
Committee recommendation	64,065,000

The Committee recommends an appropriation of \$64,065,000. This is \$20,000,000 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]

Line	Item	Qty.	2017 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES		44,065		64,065		+ 20,000

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 \$20,000,000 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.