tables in this division may be transferred or reprogrammed under a transfer or reprogramming authority provided by another provision of this Act or by other law. The transfer or reprogramming of an amount specified in such funding tables shall not count against a ceiling on such transfers or reprogrammings under section 1001 of this Act or any other provision of law, unless such transfer or reprogramming would move funds between appropriation accounts.

(d) APPLICABILITY TO CLASSIFIED ANNEX.—This section applies to any classified annex that accompanies this Act.

(e) ORAL OR WRITTEN COMMUNICATIONS.—No oral or written communication concerning any amount specified in the funding tables in this division shall supersede the requirements of this section.

TITLE XLI—PROCUREMENT

SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	FIXED WING		
003	FUTURE UAS FAMILY	53,453	53,453
005	SMALL UNMANNED AIRCRAFT SYSTEMS	20,769	20,769
	ROTARY		
006	AH–64 APACHE BLOCK IIIA REMAN	718,578	718,578
007	AH–64 APACHE BLOCK IIIA REMAN AP	110,360	110,360
008	UH–60 BLACKHAWK M MODEL (MYP)	668,258	668,258
009	UH–60 BLACKHAWK M MODEL (MYP) AP	92,494	92,494
010	UH–60 BLACK HAWK L AND V MODELS	153,196	153,196
011	CH–47 HELICOPTER	202,487	379,987
	Four Additional Aircraft		[177,500]
012	CH–47 HELICOPTER AP	18,936	41,436
	CH–47F Block II—Adv Procurement		[22,500]
012A	UH–72B LAKOTA HELICOPTER		20,000
	Two aircraft		[20,000]
	MODIFICATION OF AIRCRAFT		
013	MQ–1 PAYLOAD	13,650	13,650
014	GRAY EAGLE MODS2	14,959	82,959
	Program increase		[68,000]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
016	AH–64 MODS	113,127	113,127
017	CH–47 CARGO HELICOPTER MODS (MYP)	20,689	20,689
022	UTILITY HELICOPTER MODS	35,879	53,879
	Black Hawk Mods—60kVA Generators		[15,000]
	Litter Basket Stabilization Systems		[3,000]
023	NETWORK AND MISSION PLAN	32,418	32,418
024	COMMS, NAV SURVEILLANCE	74,912	74,912
025	DEGRADED VISUAL ENVIRONMENT	16,838	16,838
026	AVIATION ASSURED PNT	67,383	67,383
027	GATM ROLLUP	8,924	8,924
029	UAS MODS	2,258	2,258
	GROUND SUPPORT AVIONICS		
030	AIRCRAFT SURVIVABILITY EQUIPMENT	161,731	156,501
	B–Kit unit cost adjustment		[–5,230]
031	SURVIVABILITY CM	6,526	6,526
032	CMWS	72,041	72,041
033	COMMON INFRARED COUNTERMEASURES (CIRCM)	261,384	261,384
	OTHER SUPPORT		
034	COMMON GROUND EQUIPMENT	25,752	25,752
035	AIRCREW INTEGRATED SYSTEMS	22,097	22,097
036	AIR TRAFFIC CONTROL	21,216	21,216
037	LAUNCHER, 2.75 ROCKET	2,125	2,125
	TOTAL AIRCRAFT PROCUREMENT, ARMY	**3,012,440**	**3,313,210**
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SEN	6,625	6,625
003	M-SHORAD—PROCUREMENT	400,697	390,197
	Excess fielding growth		[–10,500]
004	MSE MISSILE	1,212,832	1,212,832
006	PRECISION STRIKE MISSILE (PRSM)	384,071	377,821
	Unjustified growth: Software maintenance		[–6,250]
007	INDIRECT FIRE PROTECTION CAPABILITY INC 2–I	313,189	313,189
008	MID-RANGE CAPABILITY (MRC)	169,519	169,519
	AIR-TO-SURFACE MISSILE SYSTEM		
009	HELLFIRE SYS SUMMARY	21,976	21,976
010	JOINT AIR-TO-GROUND MSLS (JAGM)	303,409	303,409
012	LONG-RANGE HYPERSONIC WEAPON	156,821	156,821
	ANTI-TANK/ASSAULT MISSILE SYS		
013	JAVELIN (AAWS-M) SYSTEM SUMMARY	199,509	199,509
014	TOW 2 SYSTEM SUMMARY	120,475	120,475
015	GUIDED MLRS ROCKET (GMLRS)	886,367	886,367
016	GUIDED MLRS ROCKET (GMLRS)	55,913	55,913
017	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	10,334	10,334
018	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS	179,230	179,230
019	ARMY TACTICAL MSL SYS (ATACMS)—SYS SUM	7,307	7,307
	MODIFICATIONS		
021	PATRIOT MODS	212,247	212,247
022	STINGER MODS	36,484	36,484
023	AVENGER MODS	22,274	22,274
025	MLRS MODS	168,198	168,198
026	HIMARS MODIFICATIONS	76,266	76,266
	SPARES AND REPAIR PARTS		
027	SPARES AND REPAIR PARTS	6,573	6,573
	SUPPORT EQUIPMENT & FACILITIES		
028	AIR DEFENSE TARGETS	11,701	11,701
	TOTAL MISSILE PROCUREMENT, ARMY	**4,962,017**	**4,945,267**
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY		
	TRACKED COMBAT VEHICLES		
001	ARMORED MULTI PURPOSE VEHICLE (AMPV)	554,777	552,277
	Program decrease		[–2,500]
003	MOBILE PROTECTED FIREPOWER	394,635	386,635
	Excessive growth—systems technical support		[–8,000]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	STRYKER UPGRADE	614,282	749,682
	Excessive growth—fleet modifications		[–4,600]
	Program increase		[140,000]
005	BRADLEY FIRE SUPPORT TEAM (BFIST) VEHICLE	5,232	5,232
006	BRADLEY PROGRAM (MOD)	158,274	217,070
	Program increase		[65,000]
	Unjustified growth: modification 7 installation		[–6,204]
007	M109 FOV MODIFICATIONS	90,986	90,986
008	PALADIN INTEGRATED MANAGEMENT (PIM)	469,152	674,152
	Program increase		[205,000]
009	IMPROVED RECOVERY VEHICLE (M88 HERCULES)	41,058	41,058
012	JOINT ASSAULT BRIDGE	159,804	159,804

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
013	ABRAMS UPGRADE PROGRAM	697,883	1,240,283
	Abrams Upgrade Predictive Maintenance (PPMX)		[10,000]
	Program increase		[532,400]
014	ABRAMS UPGRADE PROGRAM AP	102,440	102,440
	WEAPONS & OTHER COMBAT VEHICLES		
016	PERSONAL DEFENSE WEAPON (ROLL)	510	510
017	M240 MEDIUM MACHINE GUN (7.62MM)	425	425
019	MACHINE GUN, CAL .50 M2 ROLL	3,420	3,420
020	MORTAR SYSTEMS	8,013	8,013
021	LOCATION & AZIMUTH DETERMINATION SYSTEM (LADS	3,174	3,174
022	XM320 GRENADE LAUNCHER MODULE (GLM)	14,143	14,143
023	PRECISION SNIPER RIFLE	5,248	5,248
024	CARBINE	571	8,571
	Program Increase—M4 carbine upper receivers		[8,000]
025	NEXT GENERATION SQUAD WEAPON	292,850	292,850
026	HANDGUN	32	32
	MOD OF WEAPONS AND OTHER COMBAT VEH		
028	M777 MODS	18,920	18,920
031	M119 MODIFICATIONS	13,097	13,097
032	MORTAR MODIFICATION	423	423
	SUPPORT EQUIPMENT & FACILITIES		
033	ITEMS LESS THAN $5.0M (WOCV-WTCV)	1,148	1,148
034	PRODUCTION BASE SUPPORT (WOCV-WTCV)	115,024	115,024
	TOTAL PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY	**3,765,521**	**4,704,617**
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	90,853	90,853
002	CTG, 7.62MM, ALL TYPES	65,370	80,370
	Program increase		[15,000]
003	NEXT GENERATION SQUAD WEAPON AMMUNITION	191,244	191,244
004	CTG, HANDGUN, ALL TYPES	6,597	6,597
005	CTG, .50 CAL, ALL TYPES	41,534	64,402
	Program increase		[22,868]
006	CTG, 20MM, ALL TYPES	7,925	7,925
007	CTG, 25MM, ALL TYPES	38,760	31,503
	Excess to need		[–7,257]
008	CTG, 30MM, ALL TYPES	107,805	107,805
009	CTG, 40MM, ALL TYPES	148,970	148,970
010	CTG, 50MM, ALL TYPES	28,000	28,000
	MORTAR AMMUNITION		
011	60MM MORTAR, ALL TYPES	35,160	35,160
012	81MM MORTAR, ALL TYPES	40,562	40,562
013	120MM MORTAR, ALL TYPES	106,784	106,784
	TANK AMMUNITION		
014	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	300,368	300,368
	ARTILLERY AMMUNITION		
015	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES	21,298	21,298
016	ARTILLERY PROJECTILE, 155MM, ALL TYPES	150,839	150,839
018	PRECISION ARTILLERY MUNITIONS	96,406	96,406
019	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	172,947	172,947
	MINES		
020	MINES & CLEARING CHARGES, ALL TYPES	71,182	71,182
021	CLOSE TERRAIN SHAPING OBSTACLE	55,374	55,374
	ROCKETS		
022	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	18,630	18,630
023	ROCKET, HYDRA 70, ALL TYPES	87,293	87,293
	OTHER AMMUNITION		
024	CAD/PAD, ALL TYPES	6,564	6,564
025	DEMOLITION MUNITIONS, ALL TYPES	24,238	24,238
026	GRENADES, ALL TYPES	48,374	48,374
027	SIGNALS, ALL TYPES	23,252	23,252
028	SIMULATORS, ALL TYPES	11,309	11,309
	MISCELLANEOUS		
030	AMMO COMPONENTS, ALL TYPES	3,976	3,976
031	NON-LETHAL AMMUNITION, ALL TYPES	3,281	3,281
032	ITEMS LESS THAN $5 MILLION (AMMO)	17,436	17,436
033	AMMUNITION PECULIAR EQUIPMENT	13,133	13,133
034	FIRST DESTINATION TRANSPORTATION (AMMO)	18,068	18,068
035	CLOSEOUT LIABILITIES	102	102
	PRODUCTION BASE SUPPORT		
036	INDUSTRIAL FACILITIES	726,135	726,135
037	CONVENTIONAL MUNITIONS DEMILITARIZATION	183,752	183,752
038	ARMS INITIATIVE	4,057	4,057
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	**2,967,578**	**2,998,189**
	OTHER PROCUREMENT, ARMY		

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
	TACTICAL VEHICLES		
001	SEMITRAILERS, FLATBED:	22,751	22,751
002	SEMITRAILERS, TANKERS	40,359	40,359
003	HI MOB MULTI-PURP WHLD VEH (HMMWV)	25,904	25,904
004	GROUND MOBILITY VEHICLES (GMV)	36,223	36,223
006	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL	839,413	837,318
	Unit cost increases		[–2,095]
007	TRUCK, DUMP, 20T (CCE)	20,075	35,075
	Program increase		[15,000]
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	110,734	110,734
009	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE	28,745	28,745
010	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	55,340	55,340
011	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	66,428	166,428
	Program increase		[100,000]
012	PLS ESP	51,868	51,868
014	TACTICAL WHEELED VEHICLE PROTECTION KITS	3,792	3,792
015	MODIFICATION OF IN SVC EQUIP	80,326	137,826
	HMMWV ABS/ESC		[57,500]
	NON-TACTICAL VEHICLES		
016	PASSENGER CARRYING VEHICLES	2,203	2,203
017	NONTACTICAL VEHICLES, OTHER	8,246	8,246
	COMM—JOINT COMMUNICATIONS		
018	SIGNAL MODERNIZATION PROGRAM	161,585	151,185
	Program decrease		[–10,400]
019	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	358,646	356,143
	On-the-Move Sattelite Communications Terminals		[9,500]
	SATCOM obsolescence previously funded		[–12,003]
020	DISASTER INCIDENT RESPONSE COMMS TERMINAL (DI	254	254
021	JCSE EQUIPMENT (USRDECOM)	5,097	5,097
	COMM—SATELLITE COMMUNICATIONS		
024	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	101,181	101,181
025	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	54,849	54,849
026	SHF TERM	41,634	41,634
027	ASSURED POSITIONING, NAVIGATION AND TIMING	202,370	202,370
028	EHF SATELLITE COMMUNICATION	19,122	19,122
030	GLOBAL BRDCST SVC—GBS	531	531
	COMM—C3 SYSTEM		
031	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	77,999	77,999
	COMM—COMBAT COMMUNICATIONS		
032	HANDHELD MANPACK SMALL FORM FIT (HMS)	765,109	760,066
	Excess to need		[–5,043]
033	ARMY LINK 16 SYSTEMS	60,767	60,767
035	UNIFIED COMMAND SUITE	18,999	18,999
036	COTS COMMUNICATIONS EQUIPMENT	492,001	484,901
	Program decrease		[–7,100]
037	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	1,374	1,374
038	ARMY COMMUNICATIONS & ELECTRONICS	52,485	52,485
	COMM—INTELLIGENCE COMM		
039	CI AUTOMATION ARCHITECTURE-INTEL	16,767	16,767
041	MULTI-DOMAIN INTELLIGENCE	119,989	119,989
	INFORMATION SECURITY		
042	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	701	701
043	COMMUNICATIONS SECURITY (COMSEC)	159,712	159,712
044	DEFENSIVE CYBER OPERATIONS	13,848	13,848
045	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO	1,502	1,502
047	BIOMETRIC ENABLING CAPABILITY (BEC)	453	453
	COMM—LONG HAUL COMMUNICATIONS		
049	BASE SUPPORT COMMUNICATIONS	23,278	23,278
	COMM—BASE COMMUNICATIONS		
050	INFORMATION SYSTEMS	32,608	32,608
051	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,949	4,949
052	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	243,011	243,011
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
055	JTT/CIBS-M	8,543	8,543
056	TERRESTRIAL LAYER SYSTEMS (TLS)	85,486	85,486
058	DCGS-A-INTEL	2,980	2,980
060	TROJAN	30,649	30,649
061	MOD OF IN-SVC EQUIP (INTEL SPT)	4,169	4,169
062	BIOMETRIC TACTICAL COLLECTION DEVICES	932	932
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
063	EW PLANNING & MANAGEMENT TOOLS (EWPMT)	21,278	21,278
064	AIR VIGILANCE (AV)	6,641	6,641
065	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST	15,941	15,941
067	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	22,833	22,833
068	CI MODERNIZATION	434	434
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
069	SENTINEL MODS	161,886	161,886
070	NIGHT VISION DEVICES	141,143	98,722

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
	Rephase to RDT&E for IVAS 1.2 Development		[–39,137]
	Restore acquisition accountability: Government program management costs		[–3,284]
071	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	15,484	15,484
073	FAMILY OF WEAPON SIGHTS (FWS)	185,634	185,634
074	ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE	3,652	3,652
075	FORWARD LOOKING INFRARED (IFLIR)	20,438	20,438
076	COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)	365,376	305,376
	Execution delays		[–60,000]
077	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	215,290	210,066
	Unjustified Cost Growth—Fielding and Systems Engineering		[–5,224]
078	JOINT EFFECTS TARGETING SYSTEM (JETS)	8,932	8,932
079	COMPUTER BALLISTICS: LHMBC XM32	2,965	2,965
080	MORTAR FIRE CONTROL SYSTEM	8,024	8,024
081	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	7,399	7,399
082	COUNTERFIRE RADARS	99,782	99,782
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
083	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE	78,512	78,512
084	FIRE SUPPORT C2 FAMILY	10,052	10,052
085	AIR & MSL DEFENSE PLANNING & CONTROL SYS	68,892	68,892
086	IAMD BATTLE COMMAND SYSTEM	412,556	395,456
	Excess Interim Contractor Support		[–17,100]
087	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,270	4,270
088	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	37,194	37,194
089	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	1,987	1,987
090	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP	5,318	5,318
091	MOD OF IN-SVC EQUIPMENT (ENFIRE)	4,997	4,997
	ELECT EQUIP—AUTOMATION		
092	ARMY TRAINING MODERNIZATION	10,130	10,130
093	AUTOMATED DATA PROCESSING EQUIP	61,489	61,489
094	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	4,198	4,198
096	HIGH PERF COMPUTING MOD PGM (HPCMP)	76,053	76,053
097	CONTRACT WRITING SYSTEM	6,061	6,061
098	CSS COMMUNICATIONS	56,804	56,804
	CLASSIFIED PROGRAMS		
151A	CLASSIFIED PROGRAMS	1,781	1,781
	CHEMICAL DEFENSIVE EQUIPMENT		
102	BASE DEFENSE SYSTEMS (BDS)	70,781	70,781
103	CBRN DEFENSE	63,198	63,198
	BRIDGING EQUIPMENT		
104	TACTICAL BRIDGING	1,157	1,157
105	TACTICAL BRIDGE, FLOAT-RIBBON	82,228	82,228
106	BRIDGE SUPPLEMENTAL SET	4,414	4,414
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
110	ROBOTICS AND APPLIQUE SYSTEMS	68,893	68,893
112	FAMILY OF BOATS AND MOTORS	4,785	4,785
	COMBAT SERVICE SUPPORT EQUIPMENT		
113	HEATERS AND ECU'S	7,617	7,617
115	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,356	5,356
116	GROUND SOLDIER SYSTEM	167,129	154,262
	Excess to need		[–12,867]
117	MOBILE SOLDIER POWER	15,967	15,967
118	FORCE PROVIDER	34,200	34,200
120	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	45,792	45,792
121	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	12,118	12,118
	PETROLEUM EQUIPMENT		
123	QUALITY SURVEILLANCE EQUIPMENT	2,507	2,507
124	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	40,989	40,989
	MEDICAL EQUIPMENT		
125	COMBAT SUPPORT MEDICAL	86,829	86,829
	MAINTENANCE EQUIPMENT		
126	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	17,287	17,287
	CONSTRUCTION EQUIPMENT		
128	TRACTOR, FULL TRACKED	29,878	29,878
129	ALL TERRAIN CRANES	27,725	30,725
	FOATC Type I Cranes		[3,000]
131	FAMILY OF DIVER SUPPORT EQUIPMENT	1,811	1,811
132	CONST EQUIP ESP	8,898	8,898
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
133	ARMY WATERCRAFT ESP	30,592	30,592
134	MANEUVER SUPPORT VESSEL (MSV)	149,449	191,476
	One additional vessel		[42,027]
	GENERATORS		
136	GENERATORS AND ASSOCIATED EQUIP	78,364	78,364
137	TACTICAL ELECTRIC POWER RECAPITALIZATION	11,088	11,088
	MATERIAL HANDLING EQUIPMENT		
138	FAMILY OF FORKLIFTS	12,982	12,982
	TRAINING EQUIPMENT		
139	COMBAT TRAINING CENTERS SUPPORT	56,619	56,619

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
140	TRAINING DEVICES, NONSYSTEM	226,379	226,379
141	SYNTHETIC TRAINING ENVIRONMENT (STE)	234,965	234,965
142	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	9,698	9,698
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
143	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	36,149	36,149
144	TEST EQUIPMENT MODERNIZATION (TEMOD)	32,623	32,623
	OTHER SUPPORT EQUIPMENT		
145	PHYSICAL SECURITY SYSTEMS (OPA3)	132,739	132,739
146	BASE LEVEL COMMON EQUIPMENT	34,460	34,460
147	MODIFICATION OF IN-SVC EQUIPMENT (OPA–3)	35,239	35,239
148	BUILDING, PRE-FAB, RELOCATABLE	31,011	31,011
149	SPECIAL EQUIPMENT FOR TEST AND EVALUATION	52,481	52,481
	OPA2		
151	INITIAL SPARES—C&E	9,169	9,169
	TOTAL OTHER PROCUREMENT, ARMY	**8,672,979**	**8,725,753**
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
001	F/A–18E/F (FIGHTER) HORNET	41,329	41,329
002	JOINT STRIKE FIGHTER CV	2,410,569	2,382,069
	Flyaway unit cost growth		[–28,500]
003	JOINT STRIKE FIGHTER CV AP	189,425	189,425
004	JSF STOVL	2,126,317	2,083,651
	Flyaway unit cost growth		[–42,666]
005	JSF STOVL AP	193,125	193,125
006	CH–53K (HEAVY LIFT)	1,698,050	1,698,050
007	CH–53K (HEAVY LIFT) AP	456,567	456,567
008	V–22 (MEDIUM LIFT)	27,216	162,216
	Program increase—one additional CMV–22 aircraft		[135,000]
009	H–1 UPGRADES (UH–1Y/AH–1Z)	4,292	4,292
010	P–8A POSEIDON	31,257	391,257
	Two additional aircraft		[360,000]
011	E–2D ADV HAWKEYE	182,817	620,817
	Two additional aircraft		[438,000]
	TRAINER AIRCRAFT		
013	MULTI-ENGINE TRAINING SYSTEM (METS)	289,141	289,141
	OTHER AIRCRAFT		
015	KC–130J	241,291	241,291
017	MQ–4 TRITON	416,010	416,010
019	MQ–8 UAV	1,546	1,546
021	MQ–25	545,697	346,697
	Scheduling delays		[–199,000]
022	MQ–25 AP	50,576	37,976
	Scheduling delays		[–12,600]
023	MARINE GROUP 5 UAS	89,563	86,063
	Ancillary Equipment carryover		[–3,500]
023A	UC–12W		45,000
	USMC UPL—2 additional aircraft		[45,000]
	MODIFICATION OF AIRCRAFT		
024	F–18 A-D UNIQUE	116,551	116,551
025	F–18E/F AND EA–18G MODERNIZATION AND SUSTAINM	605,416	605,416
026	MARINE GROUP 5 UAS SERIES	98,063	98,063
027	AEA SYSTEMS	24,110	24,110
028	AV–8 SERIES	22,829	22,829
029	INFRARED SEARCH AND TRACK (IRST)	179,193	179,193
030	ADVERSARY	69,336	69,336
031	F–18 SERIES	640,236	634,424
	F/A–18 C/D/E/F and EA–18G training equipment previously funded		[–5,812]
032	H–53 SERIES	41,414	41,414
033	MH–60 SERIES	106,495	106,495
034	H–1 SERIES	114,284	124,284
	UH–1Y—SIEPU Upgrades		[10,000]
035	EP–3 SERIES	8,548	8,548
036	E–2 SERIES	183,246	183,246
037	TRAINER A/C SERIES	16,376	16,376
039	C–130 SERIES	198,220	194,193
	Technical insertion (OSIP 019–14) Block 7 GFE unjustified growth		[–4,027]
040	FEWSG	651	651
041	CARGO/TRANSPORT A/C SERIES	13,930	13,930
042	E–6 SERIES	164,571	164,571
043	EXECUTIVE HELICOPTERS SERIES	60,498	60,498
044	T–45 SERIES	170,357	170,357
045	POWER PLANT CHANGES	21,079	21,079
046	JPATS SERIES	28,005	28,005
048	COMMON ECM EQUIPMENT	53,614	53,614
049	COMMON AVIONICS CHANGES	136,199	136,199
050	COMMON DEFENSIVE WEAPON SYSTEM	6,585	6,585
051	ID SYSTEMS	13,085	13,085

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
052	P–8 SERIES	316,168	316,168
053	MAGTF EW FOR AVIATION	24,901	24,901
054	MQ–8 SERIES	14,700	14,700
055	V–22 (TILT/ROTOR ACFT) OSPREY	215,997	226,887
	V–22 Nacelle Improvement		[10,890]
056	NEXT GENERATION JAMMER (NGJ)	426,396	423,876
	Contract savings		[–2,520]
057	F–35 STOVL SERIES	311,921	311,921
058	F–35 CV SERIES	166,909	166,909
059	QRC	28,206	28,206
060	MQ–4 SERIES	93,951	90,163
	OSIP (003–23) previously funded		[–3,788]
	AIRCRAFT SPARES AND REPAIR PARTS		
062	SPARES AND REPAIR PARTS	2,451,244	2,451,244
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
063	COMMON GROUND EQUIPMENT	566,156	561,156
	Program decrease		[–5,000]
064	AIRCRAFT INDUSTRIAL FACILITIES	133,815	133,815
065	WAR CONSUMABLES	44,632	44,632
066	OTHER PRODUCTION CHARGES	49,907	49,907
067	SPECIAL SUPPORT EQUIPMENT	404,178	384,850
	Flyaway unit cost growth		[–19,328]
	TOTAL AIRCRAFT PROCUREMENT, NAVY	**17,336,760**	**18,008,909**
	WEAPONS PROCUREMENT, NAVY		
	BALLISTIC MISSILES		
001	CONVENTIONAL PROMPT STRIKE	341,434	256,076
	Early to need		[–85,358]
	MODIFICATION OF MISSILES		
002	TRIDENT II MODS	1,284,705	1,284,705
	SUPPORT EQUIPMENT & FACILITIES		
003	MISSILE INDUSTRIAL FACILITIES	7,954	7,954
	STRATEGIC MISSILES		
004	TOMAHAWK	72,908	72,908
	TACTICAL MISSILES		
005	AMRAAM	439,153	439,153
006	SIDEWINDER	78,165	75,306
	AUR Block II unit cost increase		[–2,859]
007	STANDARD MISSILE	969,525	969,525
008	STANDARD MISSILE AP	227,320	227,320
009	SMALL DIAMETER BOMB II	65,863	64,497
	AUR unit cost growth		[–1,366]
010	RAM	114,896	114,896
011	JOINT AIR GROUND MISSILE (JAGM)	79,292	79,292
012	HELLFIRE	6,923	6,923
013	AERIAL TARGETS	176,588	176,588
014	OTHER MISSILE SUPPORT	3,687	3,687
015	LRASM	639,636	639,636
016	NAVAL STRIKE MISSILE (NSM)	29,925	29,925
017	NAVAL STRIKE MISSILE (NSM) AP	5,755	5,755
	MODIFICATION OF MISSILES		
018	TOMAHAWK MODS	540,944	508,455
	Contract award delays		[–32,489]
019	ESSM	290,129	290,129
020	AARGM-ER	162,429	162,429
021	AARGM-ER AP	33,273	33,273
022	STANDARD MISSILES MODS	89,255	89,255
	SUPPORT EQUIPMENT & FACILITIES		
023	WEAPONS INDUSTRIAL FACILITIES	2,037	2,037
	ORDNANCE SUPPORT EQUIPMENT		
025	ORDNANCE SUPPORT EQUIPMENT	208,154	208,154
	TORPEDOES AND RELATED EQUIP		
026	SSTD	4,830	4,830
027	MK–48 TORPEDO	308,497	308,497
028	ASW TARGETS	14,817	14,817
	MOD OF TORPEDOES AND RELATED EQUIP		
029	MK–54 TORPEDO MODS	104,086	104,086
030	MK–48 TORPEDO ADCAP MODS	20,714	20,714
031	MARITIME MINES	58,800	58,800
	SUPPORT EQUIPMENT		
032	TORPEDO SUPPORT EQUIPMENT	133,187	133,187
033	ASW RANGE SUPPORT	4,146	4,146
	DESTINATION TRANSPORTATION		
034	FIRST DESTINATION TRANSPORTATION	5,811	5,811
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	14,165	14,165
	MODIFICATION OF GUNS AND GUN MOUNTS		
036	CIWS MODS	4,088	4,088

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
037	COAST GUARD WEAPONS	55,172	55,172
038	GUN MOUNT MODS	82,682	82,682
039	LCS MODULE WEAPONS	3,264	3,264
040	AIRBORNE MINE NEUTRALIZATION SYSTEMS	14,357	14,357
	SPARES AND REPAIR PARTS		
042	SPARES AND REPAIR PARTS	177,819	177,819
	TOTAL WEAPONS PROCUREMENT, NAVY	**6,876,385**	**6,754,313**
	PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	43,519	38,893
	O2181 laser guided bombs contract award delay		[–4,626]
002	JDAM	73,689	73,689
003	AIRBORNE ROCKETS, ALL TYPES	67,423	62,228
	MK 66 rocket motor unit cost growth		[–5,195]
004	MACHINE GUN AMMUNITION	11,862	11,862
005	PRACTICE BOMBS	52,481	46,325
	01050 BLU–109 contract award delay		[–6,156]
006	CARTRIDGES & CART ACTUATED DEVICES	72,426	72,426
007	AIR EXPENDABLE COUNTERMEASURES	104,529	104,529
008	JATOS	7,433	7,433
009	5 INCH/54 GUN AMMUNITION	30,871	25,841
	Insufficient justification		[–5,030]
010	INTERMEDIATE CALIBER GUN AMMUNITION	41,261	41,261
011	OTHER SHIP GUN AMMUNITION	44,044	44,044
012	SMALL ARMS & LANDING PARTY AMMO	48,478	48,478
013	PYROTECHNIC AND DEMOLITION	9,521	9,521
014	AMMUNITION LESS THAN $5 MILLION	1,679	1,679
015	EXPEDITIONARY LOITERING MUNITIONS	249,575	299,575
	Goalkeeper		[50,000]
	MARINE CORPS AMMUNITION		
016	MORTARS	61,274	61,274
017	DIRECT SUPPORT MUNITIONS	73,338	73,338
018	INFANTRY WEAPONS AMMUNITION	178,240	176,255
	AB39, CTG. 7.62 millimeter MK 316 mod contract award delay		[–602]
	Excess to need: Cartridge, caliber 50 4 API M8/1 API–T M20 linked		[–157]
	Excess to need: Cartridge, Caliber 50 Linked MK322 Mod 1/Ball (1000m cap)		[–1,226]
019	COMBAT SUPPORT MUNITIONS	15,897	15,897
020	AMMO MODERNIZATION	17,941	17,941
021	ARTILLERY MUNITIONS	82,452	82,452
022	ITEMS LESS THAN $5 MILLION	5,340	5,340
	TOTAL PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS	**1,293,273**	**1,320,281**
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
001	OHIO REPLACEMENT SUBMARINE	2,443,598	2,443,598
002	OHIO REPLACEMENT SUBMARINE AP	3,390,734	3,390,734
	OTHER WARSHIPS		
003	CARRIER REPLACEMENT PROGRAM	1,115,296	1,115,296
004	CVN–81	800,492	800,492
005	VIRGINIA CLASS SUBMARINE	7,129,965	7,129,965
006	VIRGINIA CLASS SUBMARINE AP	3,215,539	3,215,539
008	CVN REFUELING OVERHAULS AP	817,646	802,988
	Excess growth		[–14,658]
009	DDG 1000	410,400	410,400
010	DDG–51	4,199,179	4,199,179
011	DDG–51 AP	284,035	784,035
	Program increase		[500,000]
013	FFG-FRIGATE	2,173,698	2,163,698
	Insufficient justification		[–10,000]
	AMPHIBIOUS SHIPS		
014	LPD FLIGHT II		1,000,000
	Program increase for LPD–33—USMC UFR		[1,000,000]
018	LHA REPLACEMENT	1,830,149	1,830,149
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
021	AS SUBMARINE TENDER	1,733,234	248,000
	Late contract award		[–1,485,234]
022	TAO FLEET OILER	815,420	815,420
025	LCU 1700	62,532	62,532
026	OUTFITTING	557,365	539,681
	Outfitting early to need		[–17,684]
028	SERVICE CRAFT	63,815	93,815
	Yard, Repair, Berthing, and Messing Barge		[30,000]
029	AUXILIARY PERSONNEL LIGHTER		72,000
	Additional APL–67 class berthing barge		[72,000]
030	LCAC SLEP	15,286	15,286
031	AUXILIARY VESSELS (USED SEALIFT)	142,008	142,008

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
032	COMPLETION OF PY SHIPBUILDING PROGRAMS	1,648,559	1,648,559
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	**32,848,950**	**32,923,374**
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
001	SURFACE POWER EQUIPMENT	14,003	14,003
	GENERATORS		
002	SURFACE COMBATANT HM&E	105,441	100,100
	DDG 51 ship control system cost growth		[–5,341]
	NAVIGATION EQUIPMENT		
003	OTHER NAVIGATION EQUIPMENT	110,286	110,286
	OTHER SHIPBOARD EQUIPMENT		
004	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	262,951	262,951
005	DDG MOD	628,532	637,532
	Navy Common Actuator		[9,000]
006	FIREFIGHTING EQUIPMENT	34,782	34,782
007	COMMAND AND CONTROL SWITCHBOARD	2,458	2,458
008	LHA/LHD MIDLIFE	104,369	104,369
009	LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	10,529	10,529
010	POLLUTION CONTROL EQUIPMENT	23,272	23,272
011	SUBMARINE SUPPORT EQUIPMENT	112,526	112,526
012	VIRGINIA CLASS SUPPORT EQUIPMENT	32,076	32,076
013	LCS CLASS SUPPORT EQUIPMENT	18,832	18,832
014	SUBMARINE BATTERIES	28,221	28,221
015	LPD CLASS SUPPORT EQUIPMENT	91,890	85,274
	HWISW obsolescence installation cost growth		[–6,616]
016	DDG 1000 CLASS SUPPORT EQUIPMENT	232,124	294,024
	Navy UPL		[61,900]
017	STRATEGIC PLATFORM SUPPORT EQUIP	25,058	25,058
018	DSSP EQUIPMENT	4,623	4,623
020	LCAC	10,794	10,794
021	UNDERWATER EOD EQUIPMENT	19,549	19,549
022	ITEMS LESS THAN $5 MILLION	86,001	86,001
023	CHEMICAL WARFARE DETECTORS	3,288	3,288
	REACTOR PLANT EQUIPMENT		
024	SHIP MAINTENANCE, REPAIR AND MODERNIZATION	2,746,313	2,746,313
025	REACTOR POWER UNITS	2,016	2,016
026	REACTOR COMPONENTS	390,148	390,148
	OCEAN ENGINEERING		
027	DIVING AND SALVAGE EQUIPMENT	18,086	18,086
	SMALL BOATS		
028	STANDARD BOATS	74,963	83,963
	40-foot Patrol Boats		[9,000]
	PRODUCTION FACILITIES EQUIPMENT		
029	OPERATING FORCES IPE	187,495	187,495
	OTHER SHIP SUPPORT		
030	LCS COMMON MISSION MODULES EQUIPMENT	49,060	49,060
031	LCS MCM MISSION MODULES	93,961	79,670
	Excess to need		[–14,291]
033	LCS SUW MISSION MODULES	12,102	12,102
034	LCS IN-SERVICE MODERNIZATION	171,704	154,674
	Excessive cost growth		[–17,030]
035	SMALL & MEDIUM UUV	61,951	61,951
	LOGISTIC SUPPORT		
036	LSD MIDLIFE & MODERNIZATION	7,594	7,594
	SHIP SONARS		
037	SPQ–9B RADAR	7,267	7,267
038	AN/SQQ–89 SURF ASW COMBAT SYSTEM	138,065	138,065
039	SSN ACOUSTIC EQUIPMENT	463,577	463,577
040	UNDERSEA WARFARE SUPPORT EQUIPMENT	23,452	23,452
	ASW ELECTRONIC EQUIPMENT		
041	SUBMARINE ACOUSTIC WARFARE SYSTEM	46,726	46,726
042	SSTD	14,560	14,560
043	FIXED SURVEILLANCE SYSTEM	420,069	420,069
044	SURTASS	33,910	33,910
	ELECTRONIC WARFARE EQUIPMENT		
045	AN/SLQ–32	329,513	329,513
	RECONNAISSANCE EQUIPMENT		
046	SHIPBOARD IW EXPLOIT	379,230	362,305
	Excessive cost growth		[–16,925]
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)	4,082	4,082
	OTHER SHIP ELECTRONIC EQUIPMENT		
048	COOPERATIVE ENGAGEMENT CAPABILITY	37,677	37,677
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	15,374	15,374
050	ATDLS	50,148	50,148
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,918	3,918
052	MINESWEEPING SYSTEM REPLACEMENT	16,814	16,814
054	NAVSTAR GPS RECEIVERS (SPACE)	37,319	37,319

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
055	AMERICAN FORCES RADIO AND TV SERVICE	2,750	2,750
056	STRATEGIC PLATFORM SUPPORT EQUIP	6,437	6,437
	AVIATION ELECTRONIC EQUIPMENT		
057	ASHORE ATC EQUIPMENT	89,237	89,237
058	AFLOAT ATC EQUIPMENT	90,487	88,369
	Excessive cost growth		[–2,118]
059	ID SYSTEMS	59,234	59,234
060	JOINT PRECISION APPROACH AND LANDING SYSTEM	3,343	3,343
061	NAVAL MISSION PLANNING SYSTEMS	39,180	39,180
	OTHER SHORE ELECTRONIC EQUIPMENT		
062	MARITIME INTEGRATED BROADCAST SYSTEM	6,994	6,994
063	TACTICAL/MOBILE C4I SYSTEMS	52,026	52,026
064	DCGS-N	16,579	16,579
065	CANES	467,587	467,587
066	RADIAC	16,475	16,475
067	CANES-INTELL	48,207	48,207
068	GPETE	25,761	25,761
069	MASF	16,475	16,475
070	INTEG COMBAT SYSTEM TEST FACILITY	6,345	6,345
071	EMI CONTROL INSTRUMENTATION	4,282	4,282
073	IN-SERVICE RADARS AND SENSORS	255,256	240,256
	Insufficient justification		[–15,000]
	SHIPBOARD COMMUNICATIONS		
074	BATTLE FORCE TACTICAL NETWORK	74,180	74,180
075	SHIPBOARD TACTICAL COMMUNICATIONS	29,776	29,776
076	SHIP COMMUNICATIONS AUTOMATION	96,916	96,916
077	COMMUNICATIONS ITEMS UNDER $5M	14,107	14,107
	SUBMARINE COMMUNICATIONS		
078	SUBMARINE BROADCAST SUPPORT	73,791	73,791
079	SUBMARINE COMMUNICATION EQUIPMENT	83,178	83,178
	SATELLITE COMMUNICATIONS		
080	SATELLITE COMMUNICATIONS SYSTEMS	72,871	72,871
081	NAVY MULTIBAND TERMINAL (NMT)	37,921	37,921
	SHORE COMMUNICATIONS		
082	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,065	5,065
	CRYPTOGRAPHIC EQUIPMENT		
083	INFO SYSTEMS SECURITY PROGRAM (ISSP)	154,890	154,890
084	MIO INTEL EXPLOITATION TEAM	1,079	1,079
	CRYPTOLOGIC EQUIPMENT		
085	CRYPTOLOGIC COMMUNICATIONS EQUIP	17,483	17,483
	OTHER ELECTRONIC SUPPORT		
086	COAST GUARD EQUIPMENT	77,458	77,458
	SONOBUOYS		
088	SONOBUOYS—ALL TYPES	311,177	311,177
	AIRCRAFT SUPPORT EQUIPMENT		
089	MINOTAUR	5,396	5,396
090	WEAPONS RANGE SUPPORT EQUIPMENT	147,556	147,556
091	AIRCRAFT SUPPORT EQUIPMENT	162,273	162,273
092	ADVANCED ARRESTING GEAR (AAG)	11,930	11,930
093	ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM (EMALS	17,836	17,836
094	METEOROLOGICAL EQUIPMENT	19,703	19,703
095	LEGACY AIRBORNE MCM	12,202	12,202
097	AVIATION SUPPORT EQUIPMENT	82,115	82,115
098	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL	152,687	152,687
099	ARCHITECT & CAP FOR AUTONOMY IN NAV ENTER	1,612	1,612
	SHIP GUN SYSTEM EQUIPMENT		
100	SHIP GUN SYSTEMS EQUIPMENT	6,404	6,404
	SHIP MISSILE SYSTEMS EQUIPMENT		
101	HARPOON SUPPORT EQUIPMENT	227	227
102	SHIP MISSILE SUPPORT EQUIPMENT	294,511	294,511
103	TOMAHAWK SUPPORT EQUIPMENT	92,432	92,432
	FBM SUPPORT EQUIPMENT		
104	STRATEGIC MISSILE SYSTEMS EQUIP	325,318	325,318
	ASW SUPPORT EQUIPMENT		
105	SSN COMBAT CONTROL SYSTEMS	133,063	133,063
106	ASW SUPPORT EQUIPMENT	27,469	27,469
	OTHER ORDNANCE SUPPORT EQUIPMENT		
107	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	27,864	27,864
108	ITEMS LESS THAN $5 MILLION	6,171	6,171
	OTHER EXPENDABLE ORDNANCE		
109	ANTI-SHIP MISSILE DECOY SYSTEM	56,630	56,630
110	SUBMARINE TRAINING DEVICE MODS	76,954	76,954
111	SURFACE TRAINING EQUIPMENT	209,487	209,487
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
112	PASSENGER CARRYING VEHICLES	3,827	3,827
113	GENERAL PURPOSE TRUCKS	4,570	4,570
114	CONSTRUCTION & MAINTENANCE EQUIP	56,829	56,829
115	FIRE FIGHTING EQUIPMENT	16,583	16,583

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
116	TACTICAL VEHICLES	24,236	24,236
117	AMPHIBIOUS EQUIPMENT	4,504	4,504
118	POLLUTION CONTROL EQUIPMENT	3,898	3,898
119	ITEMS LESS THAN $5 MILLION	67,286	67,286
120	PHYSICAL SECURITY VEHICLES	1,286	1,286
	SUPPLY SUPPORT EQUIPMENT		
121	SUPPLY EQUIPMENT	33,258	33,258
122	FIRST DESTINATION TRANSPORTATION	6,977	6,977
123	SPECIAL PURPOSE SUPPLY SYSTEMS	659,529	659,529
	TRAINING DEVICES		
124	TRAINING SUPPORT EQUIPMENT	2,083	2,083
125	TRAINING AND EDUCATION EQUIPMENT	106,542	106,542
	COMMAND SUPPORT EQUIPMENT		
126	COMMAND SUPPORT EQUIPMENT	44,448	44,448
127	MEDICAL SUPPORT EQUIPMENT	12,529	12,529
129	NAVAL MIP SUPPORT EQUIPMENT	5,408	5,408
130	OPERATING FORCES SUPPORT EQUIPMENT	12,105	12,105
131	C4ISR EQUIPMENT	7,670	7,670
132	ENVIRONMENTAL SUPPORT EQUIPMENT	52,597	52,597
133	PHYSICAL SECURITY EQUIPMENT	108,901	108,901
134	ENTERPRISE INFORMATION TECHNOLOGY	42,154	42,154
	OTHER		
139	NEXT GENERATION ENTERPRISE SERVICE	177,585	177,585
140	CYBERSPACE ACTIVITIES	23,176	23,176
	CLASSIFIED PROGRAMS		
143A	CLASSIFIED PROGRAMS	16,290	17,990
	Program increase		[1,700]
	SPARES AND REPAIR PARTS		
142	SPARES AND REPAIR PARTS	645,900	645,900
143	VIRGINIA CLASS (VACL) SPARES AND REPAIR PARTS	470,000	470,000
	TOTAL OTHER PROCUREMENT, NAVY	**14,535,257**	**14,539,536**
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
001	AAV7A1 PIP	3,353	3,353
002	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	557,564	554,064
	Unjustified growth—Program Management		[–3,500]
003	LAV PIP	42,052	42,052
	ARTILLERY AND OTHER WEAPONS		
004	155MM LIGHTWEIGHT TOWED HOWITZER	489	489
005	ARTILLERY WEAPONS SYSTEM	165,268	165,268
006	WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION	14,004	14,004
	GUIDED MISSILES		
007	TOMAHAWK	105,192	105,192
008	NAVAL STRIKE MISSILE (NSM)	169,726	169,726
009	NAVAL STRIKE MISSILE (NSM) AP	39,244	39,244
010	GROUND BASED AIR DEFENSE	249,103	253,603
	Program increase		[4,500]
011	ANTI-ARMOR MISSILE-JAVELIN	54,883	54,883
012	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)	23,627	23,627
013	ANTI-ARMOR MISSILE-TOW	2,007	2,007
014	GUIDED MLRS ROCKET (GMLRS)	8,867	8,867
	COMMAND AND CONTROL SYSTEMS		
015	COMMON AVIATION COMMAND AND CONTROL SYSTEM	75,382	72,908
	Unjustified fielding growth		[–2,474]
	REPAIR AND TEST EQUIPMENT		
016	REPAIR AND TEST EQUIPMENT	53,590	53,590
	OTHER SUPPORT (TEL)		
017	MODIFICATION KITS	1,782	1,782
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
018	ITEMS UNDER $5 MILLION (COMM & ELEC)	122,917	118,038
	SBNVG unit cost growth		[–4,879]
019	AIR OPERATIONS C2 SYSTEMS	23,744	23,744
	RADAR + EQUIPMENT (NON-TEL)		
020	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	66,291	66,291
	INTELL/COMM EQUIPMENT (NON-TEL)		
021	ELECTRO MAGNETIC SPECTRUM OPERATIONS (EMSO)	177,270	177,270
022	GCSS-MC	4,144	4,144
023	FIRE SUPPORT SYSTEM	58,483	58,483
024	INTELLIGENCE SUPPORT EQUIPMENT	148,062	148,062
026	UNMANNED AIR SYSTEMS (INTEL)	52,273	48,909
	Unit cost growth		[–3,364]
027	DCGS-MC	68,289	73,389
	USMC UPL #5		[5,100]
028	UAS PAYLOADS	19,088	19,088
	OTHER SUPPORT (NON-TEL)		
031	EXPEDITIONARY SUPPORT EQUIPMENT	2,010	2,010
032	MARINE CORPS ENTERPRISE NETWORK (MCEN)	259,044	244,479

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
	Network transport excess growth		[–14,565]
033	COMMON COMPUTER RESOURCES	27,966	27,966
034	COMMAND POST SYSTEMS	71,109	69,151
	Unit cost growth		[–1,958]
035	RADIO SYSTEMS	544,059	504,327
	Unexecutable growth		[–39,732]
036	COMM SWITCHING & CONTROL SYSTEMS	46,276	46,276
037	COMM & ELEC INFRASTRUCTURE SUPPORT	27,111	27,111
038	CYBERSPACE ACTIVITIES	27,583	27,583
040	UNMANNED EXPEDITIONARY SYSTEMS	13,564	13,564
	CLASSIFIED PROGRAMS		
057A	CLASSIFIED PROGRAMS	2,799	2,799
	ADMINISTRATIVE VEHICLES		
043	COMMERCIAL CARGO VEHICLES	34,169	34,169
	TACTICAL VEHICLES		
044	MOTOR TRANSPORT MODIFICATIONS	17,299	17,299
045	JOINT LIGHT TACTICAL VEHICLE	232,501	232,501
046	TRAILERS	2,034	2,034
	ENGINEER AND OTHER EQUIPMENT		
047	TACTICAL FUEL SYSTEMS	12,956	12,956
048	POWER EQUIPMENT ASSORTED	28,899	28,899
049	AMPHIBIOUS SUPPORT EQUIPMENT	15,691	15,691
050	EOD SYSTEMS	41,200	41,200
	MATERIALS HANDLING EQUIPMENT		
051	PHYSICAL SECURITY EQUIPMENT	53,949	53,949
	GENERAL PROPERTY		
052	FIELD MEDICAL EQUIPMENT	5,457	5,457
053	TRAINING DEVICES	96,577	96,577
054	FAMILY OF CONSTRUCTION EQUIPMENT	29,883	29,883
055	ULTRA-LIGHT TACTICAL VEHICLE (ULTV)	17,034	17,034
	OTHER SUPPORT		
056	ITEMS LESS THAN $5 MILLION	27,691	27,691
	SPARES AND REPAIR PARTS		
057	SPARES AND REPAIR PARTS	35,657	35,657
	TOTAL PROCUREMENT, MARINE CORPS	**3,979,212**	**3,918,340**
	AIRCRAFT PROCUREMENT, AIR FORCE		
	STRATEGIC OFFENSIVE		
001	B–21 RAIDER	1,617,093	1,617,093
002	B–21 RAIDER AP	708,000	708,000
	TACTICAL FORCES		
003	F–35	4,877,121	4,773,381
	Flyaway unit cost growth		[–103,740]
004	F–35 AP	402,000	402,000
005	F–15EX	2,670,039	2,442,861
	Other support costs unjustified growth		[–26,730]
	Technical realignment		[–200,448]
006	F–15EX AP	228,000	228,000
	TACTICAL AIRLIFT		
007	KC–46A MDAP	2,882,590	2,835,019
	Commodities activation excess to need		[–41,000]
	Cost overestimation: Other government costs		[–6,571]
	OTHER AIRLIFT		
008	C–130J	34,921	34,921
	HELICOPTERS		
011	MH–139A	228,807	228,807
012	COMBAT RESCUE HELICOPTER	282,533	379,749
	Obsolesence ahead of need		[–22,784]
	Program increase—two aircraft		[120,000]
	MISSION SUPPORT AIRCRAFT		
013	CIVIL AIR PATROL A/C	3,013	11,900
	Program increase		[8,887]
	OTHER AIRCRAFT		
015	TARGET DRONES	42,226	42,226
017	E–11 BACN/HAG	67,367	67,367
	STRATEGIC AIRCRAFT		
019	B–2A	107,980	104,380
	Excess to need: IFF transponder		[–3,600]
020	B–1B	12,757	9,782
	Technical realignment		[–2,975]
021	B–52	65,815	48,599
	Cost overestimation: Tactical data links program support		[–3,199]
	Technical realignment		[–14,017]
022	LARGE AIRCRAFT INFRARED COUNTERMEASURES	21,723	21,723
	TACTICAL AIRCRAFT		
024	E–11 BACN/HAG	58,923	58,923
025	F–15	34,830	155,278
	Technical realignment		[120,448]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
026	F–16	297,342	360,743
	Comms suite upgrade installation delays		[–5,454]
	Comms suite upgrade kits previously funded		[–5,705]
	IVEWS restoration		[100,000]
	SLEP costs previously funded		[–25,440]
027	F–22A	794,676	359,679
	Sensor enhancement delays		[–434,997]
028	F–35 MODIFICATIONS	451,798	451,798
029	F–15 EPAW	280,658	264,977
	SEPM unjustified growth		[–15,681]
	AIRLIFT AIRCRAFT		
031	C–5	24,377	24,377
032	C–17A	140,560	140,560
033	C–32A	19,060	19,060
034	C–37A	13,454	13,454
	TRAINER AIRCRAFT		
035	GLIDER MODS	5,270	5,270
036	T–6	2,942	2,942
037	T–1	10,950	10,950
038	T–38	125,340	125,340
	OTHER AIRCRAFT		
040	U–2 MODS	54,727	54,727
042	C–12	446	446
044	VC–25A MOD	29,707	29,707
045	C–40	8,921	8,921
046	C–130	71,177	91,177
	iMAFFS		[20,000]
047	C–130J MODS	121,258	121,258
048	C–135	153,595	153,595
049	COMPASS CALL	144,686	194,686
	SABER integration on EC–37B aircraft		[50,000]
050	COMBAT FLIGHT INSPECTION—CFIN	446	446
051	RC–135	220,138	220,138
052	E–3	1,350	1,350
053	E–4	13,055	13,055
056	H–1	816	816
057	H–60	4,207	4,207
060	HC/MC–130 MODIFICATIONS	101,055	101,055
061	OTHER AIRCRAFT	54,134	73,403
	Technical realignment		[11,619]
	Technical realignment—Sentinel Aircraft Procurement		[7,650]
062	MQ–9 MODS	98,063	98,063
064	SENIOR LEADER C3 SYSTEM—AIRCRAFT	24,847	24,847
065	CV–22 MODS	153,006	153,006
	AIRCRAFT SPARES AND REPAIR PARTS		
066	INITIAL SPARES/REPAIR PARTS	781,521	772,877
	Technical realignment		[–8,644]
	COMMON SUPPORT EQUIPMENT		
067	AIRCRAFT REPLACEMENT SUPPORT EQUIP	157,664	157,664
	POST PRODUCTION SUPPORT		
068	B–2A	1,838	1,838
069	B–2B	15,207	15,207
072	MC–130J	10,117	10,117
074	F–16	1,075	1,075
075	F–22A	38,418	38,418
	INDUSTRIAL PREPAREDNESS		
079	INDUSTRIAL RESPONSIVENESS	18,874	18,874
	WAR CONSUMABLES		
080	WAR CONSUMABLES	27,482	27,482
	OTHER PRODUCTION CHARGES		
081	OTHER PRODUCTION CHARGES	1,478,044	1,295,035
	DAF requested realignment of funds		[80,000]
	Excess to need		[–229,400]
	T–7A depot activation ahead of need		[–33,609]
	CLASSIFIED PROGRAMS		
083A	CLASSIFIED PROGRAMS	17,165	17,165
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	**20,315,204**	**19,649,814**
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
001	MISSILE REPLACEMENT EQ-BALLISTIC	69,319	69,319
	BALLISTIC MISSILES		
003	GROUND BASED STRATEGIC DETERRENT AP	539,300	539,300
	STRATEGIC		
004	LONG RANGE STAND-OFF WEAPON	66,816	66,816
	TACTICAL		
005	REPLAC EQUIP & WAR CONSUMABLES	37,318	37,318
006	JOINT AIR-SURFACE STANDOFF MISSILE	915,996	915,996

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
007	JOINT AIR-SURFACE STANDOFF MISSILE AP	769,672	769,672
008	JOINT STRIKE MISSILE	161,011	161,011
009	LRASM0	87,796	87,796
010	LRASM0 AP	99,871	99,871
011	SIDEWINDER (AIM–9X)	95,643	95,643
012	AMRAAM	489,049	489,049
013	AMRAAM AP	212,410	212,410
014	PREDATOR HELLFIRE MISSILE	1,049	1,049
015	SMALL DIAMETER BOMB	48,734	48,734
016	SMALL DIAMETER BOMB II	291,553	291,553
017	STAND-IN ATTACK WEAPON (SIAW)	41,947	41,947
	INDUSTRIAL FACILITIES		
018	INDUSTRIAL PREPAREDNESS/POL PREVENTION	793	793
	CLASS IV		
019	ICBM FUZE MOD	115,745	115,745
020	ICBM FUZE MOD AP	43,044	43,044
021	MM III MODIFICATIONS	48,639	48,639
022	AIR LAUNCH CRUISE MISSILE (ALCM)	41,494	41,494
	MISSILE SPARES AND REPAIR PARTS		
023	MSL SPRS/REPAIR PARTS (INITIAL)	6,840	6,840
024	MSL SPRS/REPAIR PARTS (REPLEN)	75,191	75,191
	SPECIAL PROGRAMS		
029	SPECIAL UPDATE PROGRAMS	419,498	419,498
	CLASSIFIED PROGRAMS		
029A	CLASSIFIED PROGRAMS	851,718	851,718
	TOTAL MISSILE PROCUREMENT, AIR FORCE	**5,530,446**	**5,530,446**
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	18,483	18,483
	CARTRIDGES		
002	CARTRIDGES	101,104	100,604
	Small cal/ground munitions—(A143) 7.62MM ball linked unit cost adjustment		[–500]
	BOMBS		
004	GENERAL PURPOSE BOMBS	142,118	127,263
	Previously funded items		[–14,855]
005	MASSIVE ORDNANCE PENETRATOR (MOP)	14,074	1,250
	Unjustified request		[–12,824]
006	JOINT DIRECT ATTACK MUNITION	132,364	128,487
	PSC other government costs unjustified growth		[–3,877]
007	B–61	68	68
008	B61–12 TRAINER	10,100	10,100
	OTHER ITEMS		
009	CAD/PAD	51,487	51,487
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	6,707	6,707
011	SPARES AND REPAIR PARTS	585	585
013	FIRST DESTINATION TRANSPORTATION	2,299	2,299
014	ITEMS LESS THAN $5,000,000	5,115	5,115
	FLARES		
015	EXPENDABLE COUNTERMEASURES	79,786	79,786
	FUZES		
016	FUZES	109,562	109,562
	SMALL ARMS		
017	SMALL ARMS	29,306	29,306
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	**703,158**	**671,102**
	PROCUREMENT, SPACE FORCE		
	SPACE PROCUREMENT, SF		
001	AF SATELLITE COMM SYSTEM	64,345	64,345
003	COUNTERSPACE SYSTEMS	52,665	52,665
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	25,057	25,057
005	FABT FORCE ELEMENT TERMINAL	121,634	121,634
007	GENERAL INFORMATION TECH—SPACE	3,451	3,451
008	GPSIII FOLLOW ON	119,700	70,400
	Request for Equitable Adjustment		[–49,300]
009	GPS III SPACE SEGMENT	121,770	103,670
	Unjustified growth SV 03–10 production		[–18,100]
010	GLOBAL POSTIONING (SPACE)	893	893
011	HERITAGE TRANSITION	6,110	6,110
012	JOINT TACTICAL GROUND STATIONS	580	580
013	SPACEBORNE EQUIP (COMSEC)	83,168	83,168
014	MILSATCOM	44,672	44,672
015	SBIR HIGH (SPACE)	39,438	39,438
016	SPECIAL SPACE ACTIVITIES	840,913	380,213
	Space Force realignment of funds		[–497,000]
	Space Force Unfunded Priorities List Classified Program A		[36,300]
017	MOBILE USER OBJECTIVE SYSTEM	101,147	101,147
018	NATIONAL SECURITY SPACE LAUNCH	2,142,846	2,142,846

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
020	PTES HUB	56,482	56,482
021	ROCKET SYSTEMS LAUNCH PROGRAM	74,848	74,848
022	SPACE DEVELOPMENT AGENCY LAUNCH	529,468	529,468
023	SPACE MODS	166,596	166,596
024	SPACELIFT RANGE SYSTEM SPACE	114,505	114,505
	SPARES		
025	SPARES AND REPAIR PARTS	906	906
	SUPPORT EQUIPMENT		
026	POWER CONDITIONING EQUIPMENT	3,100	3,100
	TOTAL PROCUREMENT, SPACE FORCE	**4,714,294**	**4,186,194**
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	6,123	6,123
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	3,961	3,961
003	CAP VEHICLES	1,027	1,027
004	CARGO AND UTILITY VEHICLES	45,036	47,338
	Technical realignment		[2,302]
	SPECIAL PURPOSE VEHICLES		
005	JOINT LIGHT TACTICAL VEHICLE	57,780	51,721
	Utility unjustified unit cost growth		[–6,059]
006	SECURITY AND TACTICAL VEHICLES	390	390
007	SPECIAL PURPOSE VEHICLES	79,023	82,803
	Technical realignment		[3,780]
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	70,252	70,252
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	73,805	75,895
	Technical realignment		[2,090]
	BASE MAINTENANCE SUPPORT		
010	RUNWAY SNOW REMOV AND CLEANING EQU	22,030	22,030
011	BASE MAINTENANCE SUPPORT VEHICLES	223,354	240,634
	Technical realignment		[17,280]
	COMM SECURITY EQUIPMENT(COMSEC)		
013	COMSEC EQUIPMENT	98,600	98,600
	INTELLIGENCE PROGRAMS		
015	INTERNATIONAL INTEL TECH & ARCHITECTURES	5,393	5,393
016	INTELLIGENCE TRAINING EQUIPMENT	5,012	5,012
017	INTELLIGENCE COMM EQUIPMENT	40,042	40,042
	ELECTRONICS PROGRAMS		
018	AIR TRAFFIC CONTROL & LANDING SYS	67,581	67,581
019	NATIONAL AIRSPACE SYSTEM	3,841	3,841
020	BATTLE CONTROL SYSTEM—FIXED	1,867	1,867
022	3D EXPEDITIONARY LONG-RANGE RADAR	83,735	83,735
023	WEATHER OBSERVATION FORECAST	28,530	28,530
024	STRATEGIC COMMAND AND CONTROL	73,593	73,593
025	CHEYENNE MOUNTAIN COMPLEX	8,221	8,221
026	MISSION PLANNING SYSTEMS	17,078	17,078
029	STRATEGIC MISSION PLANNING & EXECUTION SYSTEM	3,861	3,861
	SPCL COMM-ELECTRONICS PROJECTS		
030	GENERAL INFORMATION TECHNOLOGY	206,142	212,093
	Insufficient justification		[–25,000]
	Technical realignment		[30,951]
031	AF GLOBAL COMMAND & CONTROL SYS	2,582	2,582
032	BATTLEFIELD AIRBORNE CONTROL NODE (BACN)	30	30
033	MOBILITY COMMAND AND CONTROL	3,768	3,768
034	AIR FORCE PHYSICAL SECURITY SYSTEM	208,704	208,704
035	COMBAT TRAINING RANGES	346,340	343,290
	Unit cost growth: P6CTS		[–3,050]
036	MINIMUM ESSENTIAL EMERGENCY COMM N	84,102	84,102
037	WIDE AREA SURVEILLANCE (WAS)	11,594	11,594
038	C3 COUNTERMEASURES	148,818	148,818
044	AIR & SPACE OPERATIONS CENTER (AOC)	5,032	5,032
	AIR FORCE COMMUNICATIONS		
046	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED	108,532	322,704
	Technical realignment		[214,172]
047	AFNET	154,911	152,618
	Insufficient justification		[–2,293]
048	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,381	5,381
049	USCENTCOM	18,025	18,025
050	USSTRATCOM	4,436	4,436
051	USSPACECOM	27,073	27,073
	ORGANIZATION AND BASE		
052	TACTICAL C-E EQUIPMENT	226,819	226,819
053	RADIO EQUIPMENT	30,407	30,407
054	BASE COMM INFRASTRUCTURE	113,563	113,563
	MODIFICATIONS		

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
055	COMM ELECT MODS	98,224	115,224
	NORTHCOM UPL—Over the Horizon Radar Acceleration		[17,000]
	PERSONAL SAFETY & RESCUE EQUIP		
056	PERSONAL SAFETY AND RESCUE EQUIPMENT	60,473	60,473
	DEPOT PLANT+MTRLS HANDLING EQ		
057	POWER CONDITIONING EQUIPMENT	9,235	9,235
058	MECHANIZED MATERIAL HANDLING EQUIP	15,662	15,662
	BASE SUPPORT EQUIPMENT		
059	BASE PROCURED EQUIPMENT	77,875	77,875
060	ENGINEERING AND EOD EQUIPMENT	280,734	293,968
	DAF requested realignment of funds from OMAF SAG 11R		[5,950]
	Recovery of Air Bases Denied by Ordnance Program		[5,000]
	Technical realignment		[2,284]
061	MOBILITY EQUIPMENT	207,071	232,271
	Technical realignment		[25,200]
062	FUELS SUPPORT EQUIPMENT (FSE)	218,790	208,336
	All Terrain Berm Storage System schedule discrepancies		[–7,215]
	Fuel storage bladder unjustified unit cost growth		[–3,239]
063	BASE MAINTENANCE AND SUPPORT EQUIPMENT	51,914	51,914
	SPECIAL SUPPORT PROJECTS		
065	DARP RC135	28,882	28,882
066	DCGS-AF	129,655	129,655
070	SPECIAL UPDATE PROGRAM	1,042,833	1,042,833
	CLASSIFIED PROGRAMS		
072A	CLASSIFIED PROGRAMS	25,456,490	25,456,490
	SPARES AND REPAIR PARTS		
071	SPARES AND REPAIR PARTS (CYBER)	1,032	1,032
072	SPARES AND REPAIR PARTS	12,628	12,628
	TOTAL OTHER PROCUREMENT, AIR FORCE	**30,417,892**	**30,697,045**
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, SDA		
001	MAJOR EQUIPMENT, DPAA	516	516
002	MAJOR EQUIPMENT, OSD	186,006	186,006
	MAJOR EQUIPMENT, DISA		
011	INFORMATION SYSTEMS SECURITY	12,275	12,275
012	TELEPORT PROGRAM	42,399	42,399
014	ITEMS LESS THAN $5 MILLION	47,538	47,538
015	DEFENSE INFORMATION SYSTEM NETWORK	39,472	39,472
016	WHITE HOUSE COMMUNICATION AGENCY	118,523	118,523
017	SENIOR LEADERSHIP ENTERPRISE	94,591	94,591
018	JOINT REGIONAL SECURITY STACKS (JRSS)	22,714	22,714
019	JOINT SERVICE PROVIDER	107,637	97,637
	Insufficient justification		[–10,000]
020	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	33,047	33,047
	MAJOR EQUIPMENT, DLA		
028	MAJOR EQUIPMENT	30,355	30,355
	MAJOR EQUIPMENT, DCSA		
029	MAJOR EQUIPMENT	2,135	2,135
	MAJOR EQUIPMENT, TJS		
030	MAJOR EQUIPMENT, TJS	3,747	3,747
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
031	THAAD	216,782	316,782
	6 additional THAAD Interceptors		[100,000]
033	AEGIS BMD	374,756	374,756
035	BMDS AN/TPY–2 RADARS	29,108	29,108
036	SM–3 IIAS	432,824	432,824
037	ARROW 3 UPPER TIER SYSTEMS	80,000	80,000
038	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	40,000	40,000
039	DEFENSE OF GUAM PROCUREMENT	169,627	169,627
040	AEGIS ASHORE PHASE III	2,390	2,390
041	IRON DOME	80,000	80,000
042	AEGIS BMD HARDWARE AND SOFTWARE	27,825	27,825
	MAJOR EQUIPMENT, DHRA		
043	PERSONNEL ADMINISTRATION	3,704	3,704
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
046	VEHICLES	366	366
047	OTHER MAJOR EQUIPMENT	12,787	12,787
048	DTRA CYBER ACTIVITIES	21,413	21,413
	MAJOR EQUIPMENT, DODEA		
049	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,358	1,358
	MAJOR EQUIPMENT, DMACT		
050	MAJOR EQUIPMENT	13,012	13,012
	MAJOR EQUIPMENT, USCYBERCOM		
051	CYBERSPACE OPERATIONS	129,082	129,082
	CLASSIFIED PROGRAMS		
	UNDISTRIBUTED		
073A	CLASSIFIED PROGRAMS	658,529	658,529

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
	AVIATION PROGRAMS		
053	ARMED OVERWATCH/TARGETING	266,846	266,846
054	MANNED ISR	7,000	7,000
055	MC–12	600	600
057	ROTARY WING UPGRADES AND SUSTAINMENT	261,012	256,012
	Underexecution		[–5,000]
058	UNMANNED ISR	26,997	26,997
059	NON-STANDARD AVIATION	25,782	21,782
	Theater Basing Initiatives excess to need		[–4,000]
060	U–28	7,198	7,198
061	MH–47 CHINOOK	149,883	149,883
062	CV–22 MODIFICATION	75,981	75,981
063	MQ–9 UNMANNED AERIAL VEHICLE	17,684	17,684
064	PRECISION STRIKE PACKAGE	108,497	108,497
065	AC/MC–130J	319,754	319,754
066	C–130 MODIFICATIONS	18,796	18,796
	SHIPBUILDING		
067	UNDERWATER SYSTEMS	66,111	73,111
	Deep Submergence Collective Propulsion		[7,000]
	AMMUNITION PROGRAMS		
068	ORDNANCE ITEMS <$5M	147,831	147,831
	OTHER PROCUREMENT PROGRAMS		
069	INTELLIGENCE SYSTEMS	203,400	203,400
070	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,718	5,718
071	OTHER ITEMS <$5M	108,816	106,316
	Program decrease		[–2,500]
072	COMBATANT CRAFT SYSTEMS	55,064	55,064
073	SPECIAL PROGRAMS	20,412	20,412
074	TACTICAL VEHICLES	56,561	56,561
075	WARRIOR SYSTEMS <$5M	329,837	370,437
	USSOCOM UPL—Counter Uncrewed Aerial Systems (CUAS) Group 3 Defeat Acceleration.		[40,600]
076	COMBAT MISSION REQUIREMENTS	4,987	4,987
077	OPERATIONAL ENHANCEMENTS INTELLIGENCE	23,639	23,639
078	OPERATIONAL ENHANCEMENTS	322,341	322,341
	CBDP		
079	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	159,884	159,884
080	CB PROTECTION & HAZARD MITIGATION	231,826	231,826
	TOTAL PROCUREMENT, DEFENSE-WIDE	**6,056,975**	**6,183,075**
	NATIONAL GUARD AND RESERVE EQUIPMENT		
	UNDISTRIBUTED		
006	UNDISTRIBUTED		100,000
	Program increase		[100,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		**100,000**
	TOTAL PROCUREMENT	**167,988,341**	**169,169,465**

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
		BASIC RESEARCH		
001	0601102A	DEFENSE RESEARCH SCIENCES	296,670	301,670
		AI-Enhanced Quantum Computing		[5,000]
002	0601103A	UNIVERSITY RESEARCH INITIATIVES	75,672	75,672
003	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	108,946	110,946
		Hypervelocity research and testing		[2,000]
004	0601121A	CYBER COLLABORATIVE RESEARCH ALLIANCE	5,459	5,459

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
005	0601601A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH.	10,708	10,708
		SUBTOTAL BASIC RESEARCH	**497,455**	**504,455**
		APPLIED RESEARCH		
006	0602002A	ARMY AGILE INNOVATION AND DEVELOPMENT-APPLIED RESEARCH.	5,613	5,613
008	0602134A	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	6,242	6,242
009	0602141A	LETHALITY TECHNOLOGY	85,578	95,578
		Armaments technology for unmanned systems		[2,500]
		Convergent Advanced Manufacturing for Extreme Environments		[2,500]
		Crtitical energetic materials chemistries		[2,500]
		Universal Nanocrystalline Alloys Lethality		[2,500]
010	0602142A	ARMY APPLIED RESEARCH	34,572	34,572
011	0602143A	SOLDIER LETHALITY TECHNOLOGY	104,470	124,970
		Airborne Pathfinder		[8,000]
		Body armor research		[2,500]
		Digital night vision technology		[5,000]
		Pathfinder program		[2,500]
		Wafer-Level Vacuum Packaging (WLVP) of Microbolometers		[2,500]
012	0602144A	GROUND TECHNOLOGY	60,005	85,505
		Cold weather research		[2,500]
		Critical hybrid advanced materials processing		[5,000]
		Engineered repair materials for roadways		[3,000]
		Polar proving ground and training program		[5,000]
		Titanium metal powder production technology		[10,000]
013	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	166,500	180,500
		Fuel cells for next generation combat vehicles		[3,500]
		High Mobility Multipurpose Wheeled Vehicle (HMMWD – Humvee) Gunner Restraint System (GRS).		[500]
		Hydrogen fuel source research and development		[10,000]
014	0602146A	NETWORK C3I TECHNOLOGY	81,618	86,618
		Intelligent Resilience of Communications Signals		[2,500]
		Secure Microelectronic Interposer Technology		[2,500]
015	0602147A	LONG RANGE PRECISION FIRES TECHNOLOGY	34,683	37,183
		Additive manufacturing for low-cost missile applications		[2,500]
016	0602148A	FUTURE VERTICLE LIFT TECHNOLOGY	73,844	76,344
		eVTOL power source development		[2,500]
017	0602150A	AIR AND MISSILE DEFENSE TECHNOLOGY	33,301	60,801
		Counter-Unmanned Aircraft Systems technology		[5,000]
		High energy laser enabling and support technology		[2,500]
		High energy Laser in a Box		[20,000]
018	0602180A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES.	24,142	24,142
019	0602181A	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	14,297	14,297
020	0602182A	C3I APPLIED RESEARCH	30,659	30,659
021	0602183A	AIR PLATFORM APPLIED RESEARCH	48,163	49,663
		Unmanned aerial and ground sensor network		[1,500]
022	0602184A	SOLDIER APPLIED RESEARCH	18,986	18,986
023	0602213A	C3I APPLIED CYBER	22,714	22,714
024	0602386A	BIOTECHNOLOGY FOR MATERIALS—APPLIED RESEARCH	16,736	16,736
025	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	19,969	19,969
026	0602787A	MEDICAL TECHNOLOGY	66,266	76,166
		Precision Medicine for Bone Injuries		[4,900]
		Preventing trauma-related stress disorder		[5,000]
		SUBTOTAL APPLIED RESEARCH	**948,358**	**1,067,258**
		ADVANCED TECHNOLOGY DEVELOPMENT		
027	0603002A	MEDICAL ADVANCED TECHNOLOGY	4,147	12,147
		Hearing Protections Communications		[8,000]
028	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	16,316	16,316
029	0603025A	ARMY AGILE INNOVATION AND DEMONSTRATION	23,156	23,156
030	0603040A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES.	13,187	18,187
		Tactical artificial intelligence and machine learning		[5,000]
031	0603041A	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	33,332	33,332
032	0603042A	C3I ADVANCED TECHNOLOGY	19,225	19,225
033	0603043A	AIR PLATFORM ADVANCED TECHNOLOGY	14,165	14,165
034	0603044A	SOLDIER ADVANCED TECHNOLOGY	1,214	1,214
036	0603116A	LETHALITY ADVANCED TECHNOLOGY	20,582	17,755
		Program decrease		[–2,827]
037	0603117A	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	136,280	136,280
038	0603118A	SOLDIER LETHALITY ADVANCED TECHNOLOGY	102,778	105,278
		Autonomous Long Range Resupply		[2,500]
039	0603119A	GROUND ADVANCED TECHNOLOGY	40,597	48,097
		Advanced composites and multi-material protective systems		[5,000]
		Research supporting rapid entry in Arctic conditions		[2,500]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
040	0603134A	COUNTER IMPROVISED-THREAT SIMULATION	21,672	21,672
041	0603386A	BIOTECHNOLOGY FOR MATERIALS—ADVANCED RESEARCH.	59,871	59,871
042	0603457A	C3I CYBER ADVANCED DEVELOPMENT	28,847	28,847
043	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	255,772	255,772
044	0603462A	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY.	217,394	234,894
		Advanced Manufacturing Center of Excellence		[12,500]
		Next Generation Combat Vehicle Advanced Technology (Silent Watch Hydrogen Fuel Cell).		[5,000]
045	0603463A	NETWORK C3I ADVANCED TECHNOLOGY	105,549	105,549
046	0603464A	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	153,024	188,024
		Aluminum-Lithium Alloy Solid Rocket Motor		[5,000]
		Maneuvering Submunitions for Precision Strike Missile		[5,000]
		Missile Virtual Interactive Testbeds And Labs		[5,000]
		XM1155 Glide Flight Projectile		[20,000]
047	0603465A	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	158,795	173,795
		Additive manufacturing		[10,000]
		Next Generation Vertical Takeoff and Landing Concepts for Unmanned Aircraft.		[5,000]
048	0603466A	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	21,015	23,515
		SHORAD S&T Engineering and Integration (SSEI) Lab		[2,500]
049	0603920A	HUMANITARIAN DEMINING	9,068	23,000
		Program increase		[13,932]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	**1,455,986**	**1,560,091**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
051	0603305A	ARMY MISSLE DEFENSE SYSTEMS INTEGRATION	12,904	32,904
		Artificial Intelligence Decision Aids for All Domain Operations		[5,000]
		Capability for Advanced Protetive Technologies Assessment and Integration (CAPTAIN).		[8,000]
		Integrated Environmental Control and Power		[5,000]
		Resilient Position, Navigation, and Timing Development (PNT)		[2,000]
052	0603308A	ARMY SPACE SYSTEMS INTEGRATION	19,120	24,120
		Essential Multi-Function Multi-Mission Payload Development		[5,000]
054	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	47,537	47,537
055	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	91,323	91,323
056	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	43,026	43,026
057	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	3,550	3,550
058	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV.	65,567	65,567
059	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	73,675	73,675
060	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	31,720	34,220
		Program decrease		[–2,500]
		Underwater Cut and Capture Demonstration		[5,000]
061	0603790A	NATO RESEARCH AND DEVELOPMENT	4,143	4,143
062	0603801A	AVIATION—ADV DEV	1,502,160	1,500,804
		FARA—Excess to need		[–13,356]
		Modular Communication, Command, and Control Suite (MC3–Suite)		[12,000]
063	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	7,604	7,604
064	0603807A	MEDICAL SYSTEMS—ADV DEV	1,602	1,602
065	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	27,681	25,825
		Excessive growth—Program management		[–1,333]
		Slow expenditure rate—Advance Development		[–523]
066	0604017A	ROBOTICS DEVELOPMENT	3,024	3,024
067	0604019A	EXPANDED MISSION AREA MISSILE (EMAM)	97,018	97,018
068	0604020A	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.	117,557	117,557
069	0604035A	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	38,851	38,851
070	0604036A	MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	191,394	191,394
071	0604037A	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV.	10,626	10,626
072	0604100A	ANALYSIS OF ALTERNATIVES	11,095	11,095
073	0604101A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	5,144	5,144
074	0604103A	ELECTRONIC WARFARE PLANNING AND MANAGEMENT TOOL (EWPMT).	2,260	2,260
075	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS).	53,143	53,143
076	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	816,663	816,663
077	0604115A	TECHNOLOGY MATURATION INITIATIVES	281,314	281,314
078	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	281,239	273,994
		Delayed expenditure—contract award delay		[–7,245]
079	0604119A	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING.	204,914	204,914
080	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	40,930	40,930

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
081	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	109,714	109,714
082	0604134A	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	16,426	16,426
083	0604135A	STRATEGIC MID-RANGE FIRES	31,559	31,559
084	0604182A	HYPERSONICS	43,435	43,435
085	0604403A	FUTURE INTERCEPTOR	8,040	8,040
086	0604531A	COUNTER—SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT.	64,242	64,242
087	0604541A	UNIFIED NETWORK TRANSPORT	40,915	40,915
9999	9999999999	CLASSIFIED PROGRAMS	19,200	19,200
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**4,420,315**	**4,437,358**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
091	0604201A	AIRCRAFT AVIONICS	13,673	13,673
092	0604270A	ELECTRONIC WARFARE DEVELOPMENT	12,789	12,789
093	0604601A	INFANTRY SUPPORT WEAPONS	64,076	64,076
094	0604604A	MEDIUM TACTICAL VEHICLES	28,226	3,226
		Program decrease		[–25,000]
095	0604611A	JAVELIN	7,827	7,827
096	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	44,197	44,197
097	0604633A	AIR TRAFFIC CONTROL	1,134	11,134
		Integrated Mission Planning & Airspace Control Tools (IMPACT)		[10,000]
098	0604641A	TACTICAL UNMANNED GROUND VEHICLE (TUGV)	142,125	142,125
099	0604642A	LIGHT TACTICAL WHEELED VEHICLES	53,564	9,671
		Incomplete development goals		[–43,893]
100	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	102,201	102,201
101	0604710A	NIGHT VISION SYSTEMS—ENG DEV	48,720	82,829
		Rephase from Procurement for IVAS 1.2 development		[39,137]
		Slow expenditure—Joint Effects Targetting System (JETS)		[–5,028]
102	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,223	2,223
103	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	21,441	21,441
104	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	74,738	84,738
		Software Integration Digital Eco-system		[10,000]
105	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	30,985	30,985
106	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	13,626	13,626
107	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV.	8,802	8,802
108	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	20,828	20,828
109	0604802A	WEAPONS AND MUNITIONS—ENG DEV	243,851	253,851
		Long Range Precision Guidance Kit		[10,000]
110	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	37,420	42,420
		Ultra-Lightweight Camouflage Net System		[5,000]
111	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV.	34,214	34,214
112	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	6,496	6,496
113	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	13,581	13,581
114	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	168,574	168,574
115	0604820A	RADAR DEVELOPMENT	94,944	94,944
116	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	2,965	2,965
117	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	11,333	11,333
118	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD.	79,250	78,050
		Maintain program management level of effort		[–1,200]
119	0604854A	ARTILLERY SYSTEMS—EMD	42,490	42,490
120	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	104,024	104,024
121	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A).	102,084	102,084
123	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	18,662	18,662
124	0605031A	JOINT TACTICAL NETWORK (JTN)	30,328	30,328
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	11,509	11,509
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	1,050	1,050
128	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	27,714	27,714
129	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	4,318	4,318
130	0605047A	CONTRACT WRITING SYSTEM	16,355	16,355
131	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)	27,571	27,571
132	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	24,900	24,900
133	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1.	196,248	196,248
134	0605053A	GROUND ROBOTICS	35,319	35,319
135	0605054A	EMERGING TECHNOLOGY INITIATIVES	201,274	149,834
		Program decrease		[–51,440]
137	0605144A	NEXT GENERATION LOAD DEVICE—MEDIUM	36,970	36,970
139	0605148A	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD	132,136	132,136

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

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140	0605203A	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	81,657	81,657
141	0605205A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)	31,284	27,361
		Unjustified growth		[–3,923]
142	0605206A	CI AND HUMINT EQUIPMENT PROGRAM-ARMY (CIHEP-A)	2,170	2,170
143	0605216A	JOINT TARGETING INTEGRATED COMMAND AND COORDINATION SUITE (JTIC2S).	9,290	9,290
144	0605224A	MULTI-DOMAIN INTELLIGENCE	41,003	41,003
146	0605231A	PRECISION STRIKE MISSILE (PRSM)	272,786	272,786
147	0605232A	HYPERSONICS EMD	900,920	900,920
148	0605233A	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	27,361	27,361
149	0605235A	STRATEGIC MID-RANGE CAPABILITY	348,855	348,855
150	0605236A	INTEGRATED TACTICAL COMMUNICATIONS	22,901	22,901
151	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	3,014	3,014
152	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	284,095	284,095
153	0605531A	COUNTER—SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION.	36,016	36,016
154	0605625A	MANNED GROUND VEHICLE	996,653	875,753
		OMFV slow expenditure		[–120,900]
155	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	15,129	15,129
156	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	27,243	26,143
		Slow expenditure		[–1,100]
157	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	1,167	1,167
158	0303032A	TROJAN—RH12	3,879	3,879
159	0304270A	ELECTRONIC WARFARE DEVELOPMENT	137,186	137,186
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**5,639,364**	**5,461,017**
		MANAGEMENT SUPPORT		
160	0604256A	THREAT SIMULATOR DEVELOPMENT	38,492	38,492
161	0604258A	TARGET SYSTEMS DEVELOPMENT	11,873	21,873
		Program increase		[5,000]
		U.S. Replacement for Foreign Engines for Aerial Targets		[5,000]
162	0604759A	MAJOR T&E INVESTMENT	76,167	76,167
163	0605103A	RAND ARROYO CENTER	37,078	37,078
164	0605301A	ARMY KWAJALEIN ATOLL	314,872	314,872
165	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	95,551	95,551
167	0605601A	ARMY TEST RANGES AND FACILITIES	439,118	439,118
168	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.	42,220	47,220
		Rapid Assurance Modernization Program		[5,000]
169	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	37,518	37,518
170	0605606A	AIRCRAFT CERTIFICATION	2,718	2,718
172	0605706A	MATERIEL SYSTEMS ANALYSIS	26,902	26,902
173	0605709A	EXPLOITATION OF FOREIGN ITEMS	7,805	7,805
174	0605712A	SUPPORT OF OPERATIONAL TESTING	75,133	75,133
175	0605716A	ARMY EVALUATION CENTER	71,118	71,118
176	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	11,204	11,204
177	0605801A	PROGRAMWIDE ACTIVITIES	93,895	93,895
178	0605803A	TECHNICAL INFORMATION ACTIVITIES	31,327	31,327
179	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	50,409	50,409
180	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.	1,629	1,629
181	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	55,843	55,843
182	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE.	91,340	91,340
183	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	6,348	6,348
185	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES.	6,025	6,025
		SUBTOTAL MANAGEMENT SUPPORT	**1,624,585**	**1,639,585**
		OPERATIONAL SYSTEMS DEVELOPMENT		
187	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	14,465	14,465
188	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	7,472	7,472
189	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	8,425	8,425
190	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	1,507	23,007
		Program increase		[21,500]
191	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	9,265	21,765
		714C Engine Enhancement		[7,500]
		Program increase		[5,000]
192	0607139A	IMPROVED TURBINE ENGINE PROGRAM	201,247	191,062
		Excessive growth—Government Planning		[–1,721]
		Slow expenditure rate		[–8,464]
193	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	3,014	3,014
194	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	25,393	25,393

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
195	0607145A	APACHE FUTURE DEVELOPMENT	10,547	18,047
		Apache future development program increase		[7,500]
196	0607148A	AN/TPQ–53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM.	54,167	54,167
197	0607150A	INTEL CYBER DEVELOPMENT	4,345	4,345
198	0607312A	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	19,000	19,000
199	0607313A	ELECTRONIC WARFARE DEVELOPMENT	6,389	6,389
200	0607315A	ENDURING TURBINE ENGINES AND POWER SYSTEMS	2,411	2,411
201	0607665A	FAMILY OF BIOMETRICS	797	797
202	0607865A	PATRIOT PRODUCT IMPROVEMENT	177,197	177,197
203	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCS).	42,177	42,177
204	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	146,635	224,490
		Abrams Modernization Program		[88,300]
		Slow expenditure—Stryker Combat Vehicle Improvement Program		[–10,445]
205	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	122,902	110,802
		Excess growth—ERCA range prototype build		[–5,900]
		Slow expenditure—Extended Range Cannon Artillery		[–6,200]
207	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.	146	146
208	0203758A	DIGITIZATION	1,515	1,515
209	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.	4,520	4,520
210	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	10,044	10,044
211	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	281	281
212	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	75,952	75,952
213	0208053A	JOINT TACTICAL GROUND SYSTEM	203	203
216	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	301	301
217	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	15,323	15,323
218	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	13,082	13,082
219	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	26,838	26,838
222	0305179A	INTEGRATED BROADCAST SERVICE (IBS)	9,456	9,456
225	0305219A	MQ–1C GRAY EAGLE UAS	6,629	6,629
227	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	75,317	85,317
		Additive manufacturing expansion		[10,000]
9999	9999999999	CLASSIFIED PROGRAMS	8,786	8,786
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	**1,105,748**	**1,212,818**
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
228	0608041A	DEFENSIVE CYBER—SOFTWARE PROTOTYPE DEVELOPMENT.	83,570	83,570
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**83,570**	**83,570**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	**15,775,381**	**15,966,152**
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	96,355	106,355
		Defense University Research Instrumentation Program (DURIP)		[10,000]
002	0601153N	DEFENSE RESEARCH SCIENCES	540,908	543,908
		Hypersonic research initiatives		[3,000]
		SUBTOTAL BASIC RESEARCH	**637,263**	**650,263**
		APPLIED RESEARCH		
003	0602114N	POWER PROJECTION APPLIED RESEARCH	23,982	23,982
004	0602123N	FORCE PROTECTION APPLIED RESEARCH	142,148	144,648
		Cavitation erosion research		[2,500]
005	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	59,208	68,708
		Unmanned logistics solutions		[9,500]
006	0602235N	COMMON PICTURE APPLIED RESEARCH	52,090	52,090
007	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	74,722	77,722
		Research on foreign malign influence operations		[3,000]
008	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	92,473	92,473
009	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.	80,806	89,806
		Continous distributed sensing systems		[4,000]
		Intelligent Autonomous Systems for Seabed Warfare		[5,000]
010	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	7,419	7,419
011	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	61,503	74,003
		Academic Partnerships for Submarine & Undersea Vehicle Research & Manufacturing.		[10,000]
		Undersea Sensing and Communications		[2,500]
012	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	182,662	182,662

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
013	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.	30,435	30,435
014	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH.	133,828	133,828
015	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACITIVITIES.	85,063	85,063
		SUBTOTAL APPLIED RESEARCH	**1,026,339**	**1,062,839**
		ADVANCED TECHNOLOGY DEVELOPMENT		
016	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	29,512	29,512
017	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,418	8,418
018	0603273N	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS.	112,329	112,329
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	308,217	331,217
		Adaptive Future Force		[5,000]
		Hardware In the Loop capabilities		[8,000]
		Long Range Maneuvering Projectile		[10,000]
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.	15,556	15,556
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	264,700	267,200
		Automated acoustic signal classifier		[2,500]
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	61,843	61,843
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	5,100	6,600
		Balloon catheter hemorrhage control device		[1,500]
024	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.	75,898	75,898
025	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	2,048	2,048
026	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	132,931	134,431
		HEL weapon system		[1,500]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	**1,016,552**	**1,045,052**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
027	0603128N	UNMANNED AERIAL SYSTEM	108,225	105,053
		ILS support previously funded		[–3,172]
028	0603178N	LARGE UNMANNED SURFACE VEHICLES (LUSV)	117,400	117,400
029	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	40,653	43,653
		Autonomous surface and underwater dual-modality vehicles		[3,000]
030	0603216N	AVIATION SURVIVABILITY	20,874	20,874
031	0603239N	NAVAL CONSTRUCTION FORCES	7,821	7,821
032	0603254N	ASW SYSTEMS DEVELOPMENT	17,090	17,090
033	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,721	3,721
034	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	6,216	9,216
		Tier 2.5 LO Inspection Technology		[3,000]
035	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.	34,690	34,690
036	0603506N	SURFACE SHIP TORPEDO DEFENSE	730	730
037	0603512N	CARRIER SYSTEMS DEVELOPMENT	6,095	6,095
038	0603525N	PILOT FISH	916,208	916,208
039	0603527N	RETRACT LARCH	7,545	7,545
040	0603536N	RETRACT JUNIPER	271,109	271,109
041	0603542N	RADIOLOGICAL CONTROL	811	811
042	0603553N	SURFACE ASW	1,189	1,189
043	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	88,415	88,415
044	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	15,119	15,119
045	0603563N	SHIP CONCEPT ADVANCED DESIGN	89,939	96,939
		Support for Additive Manufacturing		[7,000]
046	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	121,402	126,402
		Ship Concept Advanced Design		[5,000]
047	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	319,656	319,656
048	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	133,911	138,911
		Support Shipboard Distribution of High-Power Energy		[5,000]
049	0603576N	CHALK EAGLE	116,078	116,078
050	0603581N	LITTORAL COMBAT SHIP (LCS)	32,615	32,615
051	0603582N	COMBAT SYSTEM INTEGRATION	18,610	18,610
052	0603595N	OHIO REPLACEMENT	257,076	267,076
		Rapid composites		[10,000]
053	0603596N	LCS MISSION MODULES	31,464	31,464
054	0603597N	AUTOMATED TEST AND RE-TEST (ATRT)	10,809	10,809
055	0603599N	FRIGATE DEVELOPMENT	112,972	110,172
		Live fire test and evaluation early to need		[–2,800]
056	0603609N	CONVENTIONAL MUNITIONS	9,030	9,030
057	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	128,782	119,189
		Slow expenditure		[–9,593]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	44,766	44,766
059	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	10,751	10,751
060	0603721N	ENVIRONMENTAL PROTECTION	24,457	24,457
061	0603724N	NAVY ENERGY PROGRAM	72,214	77,214
		Marine Energy Systems for Sensors and Microgrids		[5,000]
062	0603725N	FACILITIES IMPROVEMENT	10,149	10,149
063	0603734N	CHALK CORAL	687,841	522,841
		Program decrease		[–165,000]
064	0603739N	NAVY LOGISTIC PRODUCTIVITY	4,712	4,712
065	0603746N	RETRACT MAPLE	420,455	420,455
066	0603748N	LINK PLUMERIA	2,100,474	2,050,474
		Project 2937: Unjustified requirements		[–50,000]
067	0603751N	RETRACT ELM	88,036	88,036
068	0603764M	LINK EVERGREEN	547,005	547,005
069	0603790N	NATO RESEARCH AND DEVELOPMENT	6,265	6,265
070	0603795N	LAND ATTACK TECHNOLOGY	1,624	1,624
071	0603851M	JOINT NON-LETHAL WEAPONS TESTING	31,058	31,058
072	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL.	22,590	22,590
073	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	52,129	52,129
074	0604014N	F/A –18 INFRARED SEARCH AND TRACK (IRST)	32,127	32,127
075	0604027N	DIGITAL WARFARE OFFICE	181,001	181,001
076	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	110,506	93,991
		Medusa unexecutable contract award date		[–16,515]
077	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	71,156	71,156
078	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION..	214,100	214,100
079	0604031N	LARGE UNMANNED UNDERSEA VEHICLES	6,900	6,900
080	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	118,182	118,182
082	0604127N	SURFACE MINE COUNTERMEASURES	16,127	16,127
083	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	34,684	34,684
084	0604289M	NEXT GENERATION LOGISTICS	5,991	5,991
085	0604292N	FUTURE VERTICAL LIFT (MARITIME STRIKE)	2,100	2,100
086	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	131,763	131,763
087	0604454N	LX (R)	21,319	21,319
088	0604536N	ADVANCED UNDERSEA PROTOTYPING	104,328	82,603
		Program delays		[–21,725]
089	0604636N	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	11,567	11,567
090	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	5,976	195,976
		SLCM-N		[190,000]
091	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.	9,993	9,993
092	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.	237,655	237,655
093	0605512N	MEDIUM UNMANNED SURFACE VEHICLES (MUSVS))	85,800	74,248
		Program delays		[–11,552]
094	0605513N	UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES	176,261	171,980
		Prior year underexecution		[–4,281]
095	0605514M	GROUND BASED ANTI-SHIP MISSILE	36,383	36,383
096	0605516M	LONG RANGE FIRES	36,763	36,763
097	0605518N	CONVENTIONAL PROMPT STRIKE (CPS)	901,064	901,064
098	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	10,167	10,167
099	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	539	9,439
		KAMAN KARGO		[8,900]
100	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	1,250	1,250
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**9,734,483**	**9,686,745**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
101	0603208N	TRAINING SYSTEM AIRCRAFT	44,120	44,120
102	0604038N	MARITIME TARGETING CELL	30,922	30,922
103	0604212M	OTHER HELO DEVELOPMENT	101,209	83,614
		Project 3406 insufficient justification		[–17,595]
104	0604212N	OTHER HELO DEVELOPMENT	2,604	2,604
105	0604214M	AV–8B AIRCRAFT—ENG DEV	8,263	8,263
106	0604215N	STANDARDS DEVELOPMENT	4,039	4,039
107	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	62,350	62,350
108	0604221N	P–3 MODERNIZATION PROGRAM	771	771
109	0604230N	WARFARE SUPPORT SYSTEM	109,485	109,485
110	0604231N	COMMAND AND CONTROL SYSTEMS	87,457	87,457
111	0604234N	ADVANCED HAWKEYE	399,919	419,919
		Navy UPL—E–2D Theater Combat ID and HECTR		[20,000]
112	0604245M	H–1 UPGRADES	29,766	29,766
113	0604261N	ACOUSTIC SEARCH SENSORS	51,531	51,531
114	0604262N	V–22A	137,597	137,597
115	0604264N	AIR CREW SYSTEMS DEVELOPMENT	42,155	42,155

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
116	0604269N	EA–18	172,507	172,507
117	0604270N	ELECTRONIC WARFARE DEVELOPMENT	171,384	168,350
		Prior year underexecution		[–3,034]
118	0604273M	EXECUTIVE HELO DEVELOPMENT	35,376	35,376
119	0604274N	NEXT GENERATION JAMMER (NGJ)	40,477	40,477
120	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	451,397	461,397
		Navy Multiband Terminal		[5,000]
		Satellite Terminal (transportable) Non-Geostationary		[5,000]
121	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	250,577	199,645
		Next Generation Jammer—Low Band		[–50,932]
122	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	453,311	438,061
		Aegis capability package 2024 delays		[–5,500]
		Software SW factory insufficient justification		[–9,750]
124	0604329N	SMALL DIAMETER BOMB (SDB)	52,211	52,211
125	0604366N	STANDARD MISSILE IMPROVEMENTS	418,187	388,811
		Prior year underexecution		[–29,376]
126	0604373N	AIRBORNE MCM	11,368	11,368
127	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	66,445	68,945
		Stratospheric Balloon Research		[2,500]
128	0604419N	ADVANCED SENSORS APPLICATION PROGRAM (ASAP)		10,000
		Program increase		[10,000]
129	0604501N	ADVANCED ABOVE WATER SENSORS	115,396	115,396
130	0604503N	SSN–688 AND TRIDENT MODERNIZATION	93,435	93,435
131	0604504N	AIR CONTROL	42,656	42,656
132	0604512N	SHIPBOARD AVIATION SYSTEMS	10,442	10,442
133	0604518N	COMBAT INFORMATION CENTER CONVERSION	11,359	11,359
134	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	90,307	90,307
135	0604530N	ADVANCED ARRESTING GEAR (AAG)	10,658	10,658
136	0604558N	NEW DESIGN SSN	234,356	241,356
		Precision Manuevering Unit		[7,000]
137	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	71,516	71,516
138	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	22,462	22,462
139	0604574N	NAVY TACTICAL COMPUTER RESOURCES	4,279	4,279
140	0604601N	MINE DEVELOPMENT	104,731	104,731
141	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	229,668	221,168
		Project 3418 testing ahead of need		[–8,500]
142	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	9,064	9,064
143	0604657M	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS—ENG DEV.	62,329	42,148
		OPF-M termination		[–20,181]
144	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS.	9,319	9,319
145	0604727N	JOINT STANDOFF WEAPON SYSTEMS	1,964	1,964
146	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	158,426	158,426
147	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	47,492	47,492
148	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	125,206	125,206
149	0604761N	INTELLIGENCE ENGINEERING	19,969	19,969
150	0604771N	MEDICAL DEVELOPMENT	6,061	6,061
151	0604777N	NAVIGATION/ID SYSTEM	45,262	45,262
154	0604850N	SSN(X)	361,582	321,828
		Unjustified growth—management and support costs		[–7,950]
		Unjustified growth—NSWC studies		[–13,804]
		Unjustified growth—shipbuilder studies		[–18,000]
155	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	22,663	22,663
156	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	282,138	283,138
		Cyber supply chain risk management		[1,000]
157	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	8,340	8,340
158	0605180N	TACAMO MODERNIZATION	213,743	213,743
159	0605212M	CH–53K RDTE	222,288	222,288
160	0605215N	MISSION PLANNING	86,448	86,448
161	0605217N	COMMON AVIONICS	81,076	81,076
162	0605220N	SHIP TO SHORE CONNECTOR (SSC)	1,343	1,343
163	0605327N	T-AO 205 CLASS	71	71
164	0605414N	UNMANNED CARRIER AVIATION (UCA)	220,404	200,001
		Test excess to need due to EDM delays		[–20,403]
165	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM)	384	384
166	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	36,027	36,027
167	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	132,449	132,449
168	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	103,236	103,236
169	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	2,609	2,609
170	0204202N	DDG–1000	231,778	223,444
		Prior year underexecution		[–8,334]
171	0301377N	COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW).	17,531	17,531
172	0304785N	ISR & INFO OPERATIONS	174,271	174,271

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
173	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	2,068	2,068
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**6,962,234**	**6,799,375**
		MANAGEMENT SUPPORT		
174	0604256N	THREAT SIMULATOR DEVELOPMENT	22,918	22,918
175	0604258N	TARGET SYSTEMS DEVELOPMENT	18,623	18,623
176	0604759N	MAJOR T&E INVESTMENT	74,221	74,221
177	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,229	3,229
178	0605154N	CENTER FOR NAVAL ANALYSES	45,672	45,672
180	0605804N	TECHNICAL INFORMATION SERVICES	1,000	1,000
181	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	124,328	124,328
182	0605856N	STRATEGIC TECHNICAL SUPPORT	4,053	4,053
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	203,447	203,447
184	0605864N	TEST AND EVALUATION SUPPORT	481,975	481,975
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	29,399	29,399
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	27,504	27,504
187	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	9,183	9,183
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	34,976	34,976
189	0605898N	MANAGEMENT HQ—R&D	41,331	41,331
190	0606355N	WARFARE INNOVATION MANAGEMENT	37,340	37,340
191	0305327N	INSIDER THREAT	2,246	2,246
192	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	2,168	2,168
		SUBTOTAL MANAGEMENT SUPPORT	**1,163,613**	**1,163,613**
		OPERATIONAL SYSTEMS DEVELOPMENT		
196	0604840M	F–35 C2D2	544,625	509,122
		TR–3/B4 Unplanned cost growth		[–35,503]
197	0604840N	F–35 C2D2	543,834	512,266
		TR–3/B4 Unplanned cost growth		[–31,568]
198	0605520M	MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS	99,860	89,360
		Slow expenditure		[–10,500]
199	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	153,440	153,440
200	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	321,648	321,648
201	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	62,694	62,694
202	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	92,869	92,869
203	0101402N	NAVY STRATEGIC COMMUNICATIONS	51,919	51,919
204	0204136N	F/A–18 SQUADRONS	333,783	321,783
		Next generation naval mission planning system insufficient justification.		[–12,000]
205	0204228N	SURFACE SUPPORT	8,619	8,619
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	122,834	122,834
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	76,279	76,279
208	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	1,103	1,103
209	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	1,991	1,991
210	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	92,674	84,074
		Slow expenditure		[–8,600]
211	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	115,894	115,894
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	61,677	61,677
213	0205601N	ANTI-RADIATION MISSILE IMPROVEMENT	59,555	59,555
214	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	29,973	29,973
215	0205632N	MK–48 ADCAP	213,165	213,165
216	0205633N	AVIATION IMPROVEMENTS	143,277	143,277
217	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	152,546	152,546
218	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	192,625	183,725
		Marine Electromagnetic Warfare Ground Family of Systems		[–7,200]
		Tactical Communication Modernization		[–1,700]
219	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S).	12,565	12,565
220	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.	83,900	83,900
221	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	27,794	27,794
222	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).	47,762	47,762
223	0206629M	AMPHIBIOUS ASSAULT VEHICLE	373	373
224	0207161N	TACTICAL AIM MISSILES	36,439	36,439
225	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).	29,198	29,198
226	0208043N	PLANNING AND DECISION AID SYSTEM (PDAS)	3,565	3,565
230	0303138N	AFLOAT NETWORKS	49,995	49,995
231	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	33,390	33,390
232	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	7,304	7,304
233	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	11,235	11,235
234	0305205N	UAS INTEGRATION AND INTEROPERABILITY	16,409	16,409
235	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	51,192	51,192

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
236	0305220N	MQ–4C TRITON	12,094	12,094
237	0305231N	MQ–8 UAV	29,700	29,700
238	0305232M	RQ–11 UAV	2,107	2,107
239	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASL0)	2,999	2,999
240	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	49,460	49,460
241	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	13,005	13,005
242	0305251N	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,000	2,000
243	0305421N	RQ–4 MODERNIZATION	300,378	300,378
244	0307577N	INTELLIGENCE MISSION DATA (IMD)	788	788
245	0308601N	MODELING AND SIMULATION SUPPORT	10,994	10,994
246	0702207N	DEPOT MAINTENANCE (NON-IF)	23,248	23,248
247	0708730N	MARITIME TECHNOLOGY (MARITECH)	3,284	3,284
9999	9999999999	CLASSIFIED PROGRAMS	2,021,376	2,061,376
		INDOPACOM UPL		[40,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	**6,359,438**	**6,292,367**
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
249	0608013N	RISK MANAGEMENT INFORMATION—SOFTWARE PILOT PROGRAM.	11,748	11,748
250	0608231N	MARITIME TACTICAL COMMAND AND CONTROL (MTC2)—SOFTWARE PILOT PROGRAM.	10,555	10,555
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**22,303**	**22,303**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	**26,922,225**	**26,722,557**
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		BASIC RESEARCH		
001	0601102F	DEFENSE RESEARCH SCIENCES	401,486	401,486
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	182,372	182,372
		SUBTOTAL BASIC RESEARCH	**583,858**	**583,858**
		APPLIED RESEARCH		
003	0602020F	FUTURE AF CAPABILITIES APPLIED RESEARCH	90,713	90,713
004	0602022F	UNIVERSITY AFFILIATED RESEARCH CENTER (UARC)—TACTICAL AUTONOMY.	8,018	8,018
005	0602102F	MATERIALS	142,325	162,825
		Advanced materials science for manufacturing research		[9,000]
		High energy synchrotron x-ray research		[9,000]
		Materials development for high mach capabilities		[2,500]
006	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	161,268	163,768
		Aerospace engineering systems security integration		[2,500]
007	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	146,921	146,921
008	0602203F	AEROSPACE PROPULSION	184,867	189,867
		High mach turbine engine		[5,000]
009	0602204F	AEROSPACE SENSORS	216,269	216,269
011	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS ACTIVITIES.	10,303	10,303
012	0602602F	CONVENTIONAL MUNITIONS	160,599	160,599
013	0602605F	DIRECTED ENERGY TECHNOLOGY	129,961	118,452
		DAF requested realignment of funds to 6601SF		[–11,509]
014	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	182,076	230,076
		Distributed quantum information sciences networking testbed		[5,000]
		Future Flag experimentation testbed		[25,000]
		Ion trapped quantum information sciences computer		[8,000]
		Multi-domain radio frequency spectrum testing environment		[5,000]
		Secure interference-avoiding connectivity of autonomous artificially intelligent machines.		[5,000]
		SUBTOTAL APPLIED RESEARCH	**1,433,320**	**1,497,811**
		ADVANCED TECHNOLOGY DEVELOPMENT		
015	0603032F	FUTURE AF INTEGRATED TECHNOLOGY DEMOS	255,855	213,655
		Program reduction		[–42,200]
016	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	30,372	30,372
017	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	10,478	10,478
018	0603203F	ADVANCED AEROSPACE SENSORS	48,046	45,846
		Multi-spectrum sensing demonstration excess to need		[–2,200]
019	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	51,896	71,896
		Hybrid Electric Propulsion		[7,500]
		Semiautonomous adversary air platform		[12,500]
020	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	56,789	56,789
021	0603270F	ELECTRONIC COMBAT TECHNOLOGY	32,510	32,510
022	0603273F	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS.	70,321	70,321
023	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	2	2

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
024	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	15,593	15,593
025	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	132,311	132,311
026	0603605F	ADVANCED WEAPONS TECHNOLOGY	102,997	92,997
		Excessive cost growth		[–10,000]
027	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	44,422	51,922
		Additive manufacturing for aerospace parts		[5,000]
		High accuracy robotics		[2,500]
028	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	37,779	40,279
		Modeling and simulation conversion software		[2,500]
029	0207412F	CONTROL AND REPORTING CENTER (CRC)	2,005	2,005
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	**891,376**	**866,976**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
030	0603036F	MODULAR ADVANCED MISSILE	105,238	0
		Program decrease		[–105,238]
031	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	6,237	6,237
032	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	21,298	21,298
033	0603790F	NATO RESEARCH AND DEVELOPMENT	2,208	2,208
034	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	45,319	45,319
035	0604001F	NC3 ADVANCED CONCEPTS	10,011	10,011
037	0604003F	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	500,575	500,575
038	0604004F	ADVANCED ENGINE DEVELOPMENT	595,352	595,352
039	0604005F	NC3 COMMERCIAL DEVELOPMENT & PROTOTYPING	78,799	78,799
040	0604006F	DEPT OF THE AIR FORCE TECH ARCHITECTURE	2,620	0
		DAF requested realignment of funds to 64858F		[–2,620]
041	0604007F	E–7	681,039	681,039
042	0604009F	AFWERX PRIME	83,336	88,336
		Agility Prime		[5,000]
043	0604015F	LONG RANGE STRIKE—BOMBER	2,984,143	2,984,143
044	0604025F	RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	154,300	154,300
045	0604032F	DIRECTED ENERGY PROTOTYPING	1,246	1,246
046	0604033F	HYPERSONICS PROTOTYPING	150,340	0
		Air-Launched Rapid Response Weapon (ARRW)		[–150,340]
047	0604183F	HYPERSONICS PROTOTYPING—HYPERSONIC ATTACK CRUISE MISSILE (HACM).	381,528	381,528
048	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	18,041	18,041
049	0604257F	ADVANCED TECHNOLOGY AND SENSORS	27,650	25,180
		Imaging and targeting support excess growth		[–2,470]
050	0604288F	SURVIVABLE AIRBORNE OPERATIONS CENTER (SAOC)	888,829	790,537
		EMO excess to need		[–69,716]
		Management services overestimation		[–15,919]
		Test and evaluation excess to need		[–12,657]
051	0604317F	TECHNOLOGY TRANSFER	26,638	26,638
052	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	19,266	19,266
053	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	37,121	37,121
054	0604534F	ADAPTIVE ENGINE TRANSITION PROGRAM (AETP)		280,000
		Technology Maturation and Risk Reduction		[280,000]
055	0604668F	JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS)	37,026	37,026
056	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	31,833	31,833
057	0604858F	TECH TRANSITION PROGRAM	210,806	235,476
		DAF requested realignment of funds from OMAF SAG 11R		[17,550]
		DAF requested realignment of funds from OMAF SAG 11Z		[4,500]
		DAF requested realignment of funds from RDAF 64006F		[2,620]
058	0604860F	OPERATIONAL ENERGY AND INSTALLATION RESILIENCE	46,305	35,903
		Excess growth		[–10,402]
059	0605164F	AIR REFUELING CAPABILITY MODERNIZATION	19,400	19,400
061	0207110F	NEXT GENERATION AIR DOMINANCE	2,326,128	2,326,128
062	0207179F	AUTONOMOUS COLLABORATIVE PLATFORMS	118,826	101,013
		DAF requested realignment of funds		[–17,813]
063	0207420F	COMBAT IDENTIFICATION	1,902	1,902
064	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	19,763	19,763
065	0207522F	AIRBASE AIR DEFENSE SYSTEMS (ABADS)	78,867	78,867
066	0208030F	WAR RESERVE MATERIEL—AMMUNITION	8,175	8,175
068	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	25,157	25,157
069	0305601F	MISSION PARTNER ENVIRONMENTS	17,727	17,727
072	0708051F	RAPID SUSTAINMENT MODERNIZATION (RSM)	43,431	43,431
073	0808737F	INTEGRATED PRIMARY PREVENTION	9,364	9,364
074	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	28,294	28,294
075	1206415F	U.S. SPACE COMMAND RESEARCH AND DEVELOPMENT SUPPORT.	14,892	14,892
075A	0605057F	NEXT GENERATION AIR-REFUELING SYSTEM		7,928
		Technical realignment		[7,928]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**9,859,030**	**9,789,453**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
		SYSTEM DEVELOPMENT & DEMONSTRATION		
076	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	9,757	17,757
		RAACM		[5,000]
		Stand-Off Attack Weapon Technology		[3,000]
077	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	163,156	163,156
078	0604222F	NUCLEAR WEAPONS SUPPORT	45,884	45,884
079	0604270F	ELECTRONIC WARFARE DEVELOPMENT	13,804	13,804
080	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	74,023	79,023
		DAF requested realignment of funds		[5,000]
081	0604287F	PHYSICAL SECURITY EQUIPMENT	10,605	10,605
082	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	5,918	5,918
083	0604604F	SUBMUNITIONS	3,345	3,345
084	0604617F	AGILE COMBAT SUPPORT	21,967	21,967
085	0604706F	LIFE SUPPORT SYSTEMS	39,301	39,301
086	0604735F	COMBAT TRAINING RANGES	152,569	152,569
087	0604932F	LONG RANGE STANDOFF WEAPON	911,406	891,406
		DAF realignment of funds		[–20,000]
088	0604933F	ICBM FUZE MODERNIZATION	71,732	71,732
089	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	2,256	2,256
090	0605031F	JOINT TACTICAL NETWORK (JTN)	452	452
091	0605056F	OPEN ARCHITECTURE MANAGEMENT	36,582	36,582
092	0605057F	NEXT GENERATION AIR-REFUELING SYSTEM	7,928	0
		Technical realignment		[–7,928]
093	0605223F	ADVANCED PILOT TRAINING	77,252	74,980
		Program delay		[–2,272]
094	0605229F	HH–60W	48,268	47,376
		Support costs excess to need		[–892]
095	0605238F	GROUND BASED STRATEGIC DETERRENT EMD	3,746,935	3,739,285
		DAF requested realignment of funds		[–7,650]
096	0207171F	F–15 EPAWSS	13,982	13,982
097	0207279F	ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY	56,225	56,225
098	0207328F	STAND IN ATTACK WEAPON	298,585	285,585
		Aircraft integration delays		[–13,000]
099	0207701F	FULL COMBAT MISSION TRAINING	7,597	17,597
		Airborne Augmented Reality for Pilot Training		[10,000]
100	0208036F	MEDICAL C-CBRNE PROGRAMS	2,006	2,006
102	0305205F	ENDURANCE UNMANNED AERIAL VEHICLES	30,000	30,000
103	0401221F	KC–46A TANKER SQUADRONS	124,662	87,455
		Aircrew training system previously funded		[–9,864]
		Direct mission support excess to need		[–7,168]
		Test and evaluation previously funded		[–20,175]
104	0401319F	VC–25B	490,701	433,701
		Excess to need		[–57,000]
105	0701212F	AUTOMATED TEST SYSTEMS	12,911	12,911
106	0804772F	TRAINING DEVELOPMENTS	1,922	1,922
106A	0102417F	OVER-THE-HORIZON BACKSCATTER RADAR		428,754
		Technical realignment		[428,754]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**6,481,731**	**6,787,536**
		MANAGEMENT SUPPORT		
107	0604256F	THREAT SIMULATOR DEVELOPMENT	16,626	16,626
108	0604759F	MAJOR T&E INVESTMENT	31,143	31,143
109	0605101F	RAND PROJECT AIR FORCE	38,398	38,398
110	0605502F	SMALL BUSINESS INNOVATION RESEARCH	1,466	1,466
111	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	13,736	13,736
112	0605807F	TEST AND EVALUATION SUPPORT	913,213	946,026
		DAF requested realignment of funds		[32,813]
113	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	317,901	317,901
114	0605828F	ACQ WORKFORCE- GLOBAL REACH	541,677	541,677
115	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	551,213	536,513
		DAF requested realignment of funds		[–14,700]
117	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION	243,780	273,780
		DAF requested realignment of funds		[30,000]
118	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	109,030	77,030
		DAF requested realignment of funds		[–32,000]
119	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS	336,788	336,788
120	0605898F	MANAGEMENT HQ—R&D	5,005	6,705
		DAF requested realignment of funds		[1,700]
121	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	87,889	87,889
122	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT.	35,065	35,065
123	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	89,956	89,956
124	0606398F	MANAGEMENT HQ—T&E	7,453	7,453
126	0303255F	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4)—STRATCOM.	20,871	45,871

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
		NC3 network sensor demonstration		[15,000]
		NC3 Rapid Engineering Architecture Collaboration Hub (REACH)		[10,000]
127	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	100,357	100,357
128	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	20,478	20,478
129	0804731F	GENERAL SKILL TRAINING	796	796
132	1001004F	INTERNATIONAL ACTIVITIES	3,917	3,917
		SUBTOTAL MANAGEMENT SUPPORT	**3,486,758**	**3,529,571**
		OPERATIONAL SYSTEMS DEVELOPMENT		
134	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	41,464	40,282
		T–6 avionics replacement program delay		[–1,182]
135	0604283F	BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT	40,000	40,000
136	0604445F	WIDE AREA SURVEILLANCE	8,018	8,018
137	0604617F	AGILE COMBAT SUPPORT	5,645	5,645
139	0604840F	F–35 C2D2	1,275,268	1,268,275
		DAF requested realignment of funds		[–5,000]
		Program decrease		[–1,993]
140	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	40,203	40,203
141	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	49,613	49,613
142	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	93,881	93,881
143	0605278F	HC/MC–130 RECAP RDT&E	36,536	11,536
		Excess to need		[–5,000]
		Program decrease		[–20,000]
144	0606018F	NC3 INTEGRATION	22,910	22,910
145	0101113F	B–52 SQUADRONS	950,815	944,193
		DAF requested realignment of funds		[14,017]
		Scheduling delays		[–20,639]
146	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	290	290
147	0101126F	B–1B SQUADRONS	12,619	12,619
148	0101127F	B–2 SQUADRONS	87,623	87,623
149	0101213F	MINUTEMAN SQUADRONS	33,237	43,237
		Legacy Weapons Software Translation/Modernization		[5,000]
		Multi-Domain Command and Control Tool		[5,000]
150	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	24,653	24,653
151	0101318F	SERVICE SUPPORT TO STRATCOM—GLOBAL STRIKE	7,562	7,562
153	0101328F	ICBM REENTRY VEHICLES	475,415	475,415
155	0102110F	MH–139A	25,737	25,737
156	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	831	831
157	0102412F	NORTH WARNING SYSTEM (NWS)	102	102
158	0102417F	OVER-THE-HORIZON BACKSCATTER RADAR	428,754	35,000
		NORTHCOM UPL—Over the Horizon Radar Acceleration		[35,000]
		Technical realignment		[–428,754]
159	0202834F	VEHICLES AND SUPPORT EQUIPMENT—GENERAL	15,498	19,498
		DAF requested realignment of funds		[4,000]
160	0205219F	MQ–9 UAV	81,123	81,123
161	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE	2,303	2,303
162	0207040F	MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT	7,312	7,312
164	0207133F	F–16 SQUADRONS	98,633	139,233
		IVEWS restoration		[40,600]
165	0207134F	F–15E SQUADRONS	50,965	50,965
166	0207136F	MANNED DESTRUCTIVE SUPPRESSION	16,543	16,543
167	0207138F	F–22A SQUADRONS	725,889	740,889
		Cyber Resiliency		[15,000]
168	0207142F	F–35 SQUADRONS	97,231	97,231
169	0207146F	F–15EX	100,006	100,006
170	0207161F	TACTICAL AIM MISSILES	41,958	41,958
171	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).	53,679	53,679
172	0207227F	COMBAT RESCUE—PARARESCUE	726	726
173	0207238F	E–11A	64,888	64,888
174	0207247F	AF TENCAP	25,749	25,749
175	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	11,872	11,872
176	0207253F	COMPASS CALL	66,932	66,932
177	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.	55,223	60,223
		Additive manufacturing expansion		[5,000]
178	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	132,937	132,937
179	0207327F	SMALL DIAMETER BOMB (SDB)	37,518	40,518
		GLSDB Maritime Seeker		[3,000]
180	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	72,059	72,059
181	0207412F	CONTROL AND REPORTING CENTER (CRC)	17,498	17,498
183	0207418F	AFSPECWAR—TACP	2,106	2,106
185	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	72,010	72,010
186	0207438F	THEATER BATTLE MANAGEMENT (TBM) C4I	6,467	6,467
187	0207439F	ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR).	10,388	10,388
188	0207444F	TACTICAL AIR CONTROL PARTY-MOD	10,060	10,060

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
189	0207452F	DCAPES	8,233	8,233
190	0207521F	AIR FORCE CALIBRATION PROGRAMS	2,172	2,172
192	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	2,049	2,049
193	0207590F	SEEK EAGLE	33,478	33,478
195	0207605F	WARGAMING AND SIMULATION CENTERS	11,894	11,894
197	0207697F	DISTRIBUTED TRAINING AND EXERCISES	3,811	3,811
198	0208006F	MISSION PLANNING SYSTEMS	96,272	96,272
199	0208007F	TACTICAL DECEPTION	26,533	26,533
201	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS	50,122	50,122
202	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	113,064	113,064
208	0208288F	INTEL DATA APPLICATIONS	967	967
209	0301025F	GEOBASE	1,514	1,514
211	0301113F	CYBER SECURITY INTELLIGENCE SUPPORT	8,476	8,476
218	0301401F	AF MULTI-DOMAIN NON-TRADITIONAL ISR BATTLESPACE AWARENESS.	2,890	2,890
219	0302015F	E–4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	39,868	39,868
220	0303004F	EIT CONNECT	32,900	32,900
221	0303089F	CYBERSPACE OPERATIONS SYSTEMS	4,881	4,881
222	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	33,567	33,567
223	0303133F	HIGH FREQUENCY RADIO SYSTEMS	40,000	35,000
		Program support costs unjustified request		[–5,000]
224	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	95,523	95,523
226	0303248F	ALL DOMAIN COMMON PLATFORM	71,296	71,296
227	0303260F	JOINT MILITARY DECEPTION INITIATIVE	4,682	4,682
228	0304100F	STRATEGIC MISSION PLANNING & EXECUTION SYSTEM (SMPES).	64,944	64,944
230	0304260F	AIRBORNE SIGINT ENTERPRISE	108,947	106,745
		Underexecution		[–2,202]
231	0304310F	COMMERCIAL ECONOMIC ANALYSIS	4,635	4,635
234	0305015F	C2 AIR OPERATIONS SUITE—C2 INFO SERVICES	13,751	13,751
235	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,660	1,660
236	0305022F	ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	18,680	13,570
		Unjustified growth		[–5,110]
237	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	5,031	5,031
238	0305103F	CYBER SECURITY INITIATIVE	301	301
239	0305111F	WEATHER SERVICE	26,329	35,329
		Weather service data migration		[9,000]
240	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS).	8,751	8,751
241	0305116F	AERIAL TARGETS	6,915	6,915
244	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	352	352
245	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	6,930	6,930
246	0305179F	INTEGRATED BROADCAST SERVICE (IBS)	21,588	21,588
247	0305202F	DRAGON U–2	16,842	16,842
248	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	43,158	43,158
249	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,330	14,330
250	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	88,854	88,854
251	0305220F	RQ–4 UAV	1,242	1,242
252	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	12,496	12,496
253	0305238F	NATO AGS	2	2
254	0305240F	SUPPORT TO DCGS ENTERPRISE	31,589	31,589
255	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.	15,322	15,322
256	0305881F	RAPID CYBER ACQUISITION	8,830	8,830
257	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,764	2,764
258	0307577F	INTELLIGENCE MISSION DATA (IMD)	7,090	7,090
259	0401115F	C–130 AIRLIFT SQUADRON	5,427	5,427
260	0401119F	C–5 AIRLIFT SQUADRONS (IF)	29,502	28,286
		SIL early to need		[–1,216]
261	0401130F	C–17 AIRCRAFT (IF)	2,753	2,753
262	0401132F	C–130J PROGRAM	19,100	19,100
263	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,982	5,982
264	0401218F	KC–135S	51,105	49,522
		Comm 2 early to need		[–1,583]
265	0401318F	CV–22	18,127	18,127
266	0408011F	SPECIAL TACTICS / COMBAT CONTROL	9,198	9,198
268	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	17,520	17,520
269	0801380F	AF LVC OPERATIONAL TRAINING (LVC-OT)	25,144	25,144
270	0804743F	OTHER FLIGHT TRAINING	2,265	2,265
272	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,266	2,266
273	0901218F	CIVILIAN COMPENSATION PROGRAM	4,006	4,006
274	0901220F	PERSONNEL ADMINISTRATION	3,078	3,078
275	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	5,309	2,309
		Modeling and simulation development excess growth		[–3,000]
276	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.	4,279	4,279
277	0901554F	DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS)	45,925	45,925

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
278	1202140F	SERVICE SUPPORT TO SPACECOM ACTIVITIES	9,778	9,778
9999	9999999999	CLASSIFIED PROGRAMS	16,814,245	16,587,427
		Classified adjustment		[–212,081]
		Program justification review		[–14,737]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	**23,829,283**	**23,237,403**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	**46,565,356**	**46,292,608**
		RESEARCH, DEVELOPMENT, TEST & EVAL, SF		
		APPLIED RESEARCH		
004	1206601SF	SPACE TECHNOLOGY	206,196	292,584
		Advanced analog microelectronics		[3,000]
		Advanced isotope power systems		[3,000]
		DAF requested realignment of funds		[72,888]
		Space modeling, simulation, and analysis hub		[7,500]
		SUBTOTAL APPLIED RESEARCH	**206,196**	**292,584**
		ADVANCED TECHNOLOGY DEVELOPMENT		
005	1206310SF	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	472,493	465,022
		Defense In Depth as Mission Assurance Spacecraft—Multilevel Security.		[3,000]
		Prior year carryover		[–21,980]
		Technical realignment		[11,509]
006	1206616SF	SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO	110,033	158,033
		DAF requested realignment of funds		[40,000]
		Modular multi-mode propulsion system		[8,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	**582,526**	**623,055**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
007	0604002SF	SPACE FORCE WEATHER SERVICES RESEARCH	849	849
008	1203010SF	SPACE FORCE IT, DATA ANALYTICS, DIGITAL SOLUTIONS	61,723	51,723
		Program decrease		[–10,000]
009	1203164SF	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	353,807	353,807
010	1203622SF	SPACE WARFIGHTING ANALYSIS	95,541	95,541
011	1203710SF	EO/IR WEATHER SYSTEMS	95,615	95,615
013	1206410SF	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	2,081,307	2,056,307
		Inadequate justification—other activities		[–25,000]
016	1206427SF	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	145,948	96,475
		DAF requested realignment of funds to 6616SF		[–40,000]
		Underexecution		[–9,473]
017	1206438SF	SPACE CONTROL TECHNOLOGY	58,374	58,374
018	1206458SF	TECH TRANSITION (SPACE)	164,649	164,649
019	1206730SF	SPACE SECURITY AND DEFENSE PROGRAM	59,784	59,784
020	1206760SF	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	76,554	76,554
021	1206761SF	PROTECTED TACTICAL SERVICE (PTS)	360,126	355,826
		Unjustified request—management services		[–4,300]
022	1206855SF	EVOLVED STRATEGIC SATCOM (ESS)	632,833	632,833
023	1206857SF	SPACE RAPID CAPABILITIES OFFICE	12,036	12,036
024	1206862SF	TACTICALLY RESPONSE SPACE	30,000	50,000
		Program increase		[20,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**4,229,146**	**4,160,373**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
025	1203269SF	GPS III FOLLOW-ON (GPS IIIF)	308,999	308,999
027	1206421SF	COUNTERSPACE SYSTEMS	36,537	36,537
028	1206422SF	WEATHER SYSTEM FOLLOW-ON	79,727	78,127
		Unjustified increase—management services		[–1,600]
029	1206425SF	SPACE SITUATION AWARENESS SYSTEMS	372,827	372,827
030	1206431SF	ADVANCED EHF MILSATCOM (SPACE)	4,068	4,068
031	1206432SF	POLAR MILSATCOM (SPACE)	73,757	73,757
032	1206433SF	WIDEBAND GLOBAL SATCOM (SPACE)	49,445	47,245
		Underexecution		[–2,200]
033	1206440SF	NEXT-GEN OPIR—GROUND	661,367	638,267
		Underexecution		[–23,100]
034	1206442SF	NEXT GENERATION OPIR	222,178	217,178
		Underexecution		[–5,000]
035	1206443SF	NEXT-GEN OPIR—GEO	719,731	715,466
		Unjustified increase—management services		[–4,265]
036	1206444SF	NEXT-GEN OPIR—POLAR	1,013,478	1,010,213
		Unjustified increase—management services		[–3,265]
037	1206445SF	COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	73,501	73,501

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
038	1206446SF	RESILIENT MISSILE WARNING MISSILE TRACKING—LOW EARTH ORBIT (LEO).	1,266,437	1,519,222
		DAF requested realignment of funds		[252,785]
039	1206447SF	RESILIENT MISSILE WARNING MISSILE TRACKING—MEDIUM EARTH ORBIT (MEO).	538,208	790,992
		DAF requested realignment of funds		[252,784]
040	1206448SF	RESILIENT MISSILE WARNING MISSILE TRACKING—INTEGRATED GROUND SEGMENT.	505,569	0
		DAF requested realignment of funds to 6446SF		[–252,785]
		DAF requested realignment of funds to 6447SF		[–252,784]
041	1206853SF	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE)—EMD.	82,188	92,188
		Launch capability development		[10,000]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**6,008,017**	**5,978,587**
		MANAGEMENT SUPPORT		
043	1203622SF	SPACE WARFIGHTING ANALYSIS	3,568	3,568
046	1206392SF	ACQ WORKFORCE—SPACE & MISSILE SYSTEMS	258,969	276,500
		DAF requested realignment of funds		[17,531]
047	1206398SF	SPACE & MISSILE SYSTEMS CENTER—MHA	13,694	15,053
		DAF requested realignment of funds		[1,359]
048	1206601SF	SPACE TECHNOLOGY	91,778	0
		DAF requested realignment of funds		[–91,778]
049	1206759SF	MAJOR T&E INVESTMENT—SPACE	146,797	146,797
050	1206860SF	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	18,023	18,023
052	1206864SF	SPACE TEST PROGRAM (STP)	30,192	30,192
		SUBTOTAL MANAGEMENT SUPPORT	**563,021**	**490,133**
		OPERATIONAL SYSTEMS DEVELOPMENT		
055	1203001SF	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	91,369	91,369
056	1203040SF	DCO-SPACE	76,003	76,003
057	1203109SF	NARROWBAND SATELLITE COMMUNICATIONS	230,785	221,335
		Inadequate justification—management services		[–9,450]
058	1203110SF	SATELLITE CONTROL NETWORK (SPACE)	86,465	84,365
		Underexecution		[–2,100]
059	1203154SF	LONG RANGE KILL CHAINS	243,036	243,036
061	1203173SF	SPACE AND MISSILE TEST AND EVALUATION CENTER	22,039	22,039
062	1203174SF	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	41,483	43,483
		Accelerating Space Operators Education and Experiential Learning		[2,000]
063	1203182SF	SPACELIFT RANGE SYSTEM (SPACE)	11,175	11,175
065	1203330SF	SPACE SUPERIORITY ISR	28,730	28,730
067	1203873SF	BALLISTIC MISSILE DEFENSE RADARS	20,752	28,752
		Perimeter Acquisition Radar Attack Characterization System (PARCS) radar.		[8,000]
068	1203906SF	NCMC—TW/AA SYSTEM	25,545	25,545
069	1203913SF	NUDET DETECTION SYSTEM (SPACE)	93,391	93,391
070	1203940SF	SPACE SITUATION AWARENESS OPERATIONS	264,966	264,966
071	1206423SF	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	317,309	271,909
		Excess to need		[–45,400]
075	1206770SF	ENTERPRISE GROUND SERVICES	155,825	155,825
076	1208053SF	JOINT TACTICAL GROUND SYSTEM	14,568	14,568
9999	9999999999	CLASSIFIED PROGRAMS	5,764,667	6,358,367
		DCO-S		[43,000]
		Space Force realignment of funds for classified program		[270,000]
		Space Force Unfunded Priorities List Classified Program B		[83,000]
		Space Force Unfunded Priorities List Classified Program C		[53,000]
		Space Force Unfunded Priorities List Classified Program D		[54,700]
		USSF UPL—Classified program F		[90,000]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	**7,488,108**	**8,034,858**
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
078	1208248SF	SPACE COMMAND & CONTROL—SOFTWARE PILOT PROGRAM.	122,326	122,326
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**122,326**	**122,326**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, SF.	**19,199,340**	**19,701,916**
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	14,761	14,761
002	0601101E	DEFENSE RESEARCH SCIENCES	311,531	311,531

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
003	0601108D8Z	HIGH ENERGY LASER RESEARCH INITIATIVES	16,329	16,329
004	0601110D8Z	BASIC RESEARCH INITIATIVES	71,783	91,783
		Defense Established Program to Stimulate Competitive Research (DEPSCoR).		[20,000]
005	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	50,430	50,430
006	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	159,549	162,549
		Program increase		[3,000]
007	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	100,467	150,000
		Program increase		[49,533]
008	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	36,235	36,235
		SUBTOTAL BASIC RESEARCH	**761,085**	**833,618**
		APPLIED RESEARCH		
009	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,157	19,157
010	0602115E	BIOMEDICAL TECHNOLOGY	141,081	131,081
		Program decrease		[–10,000]
011	0602128D8Z	PROMOTION AND PROTECTION STRATEGIES	3,219	3,219
012	0602230D8Z	DEFENSE TECHNOLOGY INNOVATION	55,160	40,160
		Realignment		[–15,000]
013	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	46,858	46,858
014	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	66,866	66,866
015	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	333,029	333,029
017	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	240,610	240,610
018	0602668D8Z	CYBER SECURITY RESEARCH	17,437	25,437
		Pacific Intelligence and Innovation Initiative		[5,000]
		Semiconductor industry cybersecurity research		[3,000]
019	0602675D8Z	SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY	4,718	4,718
020	0602702E	TACTICAL TECHNOLOGY	234,549	214,549
		Program decrease		[–20,000]
021	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	344,986	344,986
022	0602716E	ELECTRONICS TECHNOLOGY	572,662	572,662
023	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	208,870	208,870
024	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	11,168	11,168
025	0602890D8Z	HIGH ENERGY LASER RESEARCH	48,804	48,804
026	0602891D8Z	FSRM MODELLING	2,000	2,000
027	1160401BB	SOF TECHNOLOGY DEVELOPMENT	52,287	52,287
		SUBTOTAL APPLIED RESEARCH	**2,403,461**	**2,366,461**
		ADVANCED TECHNOLOGY DEVELOPMENT		
028	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	37,706	42,706
		Advanced Process Technology for Energetics		[5,000]
029	0603021D8Z	NATIONAL SECURITY INNOVATION CAPITAL	15,085	15,085
030	0603121D8Z	SO/LIC ADVANCED DEVELOPMENT	30,102	30,102
031	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	75,593	123,093
		Joint R&D with Israel		[47,500]
032	0603133D8Z	FOREIGN COMPARATIVE TESTING	27,078	27,078
033	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	400,947	409,447
		Advanced manufacturing of energetic materials		[8,500]
034	0603176BR	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	7,990	7,990
035	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	17,825	17,825
036	0603180C	ADVANCED RESEARCH	21,461	28,461
		Radiation Hardened Microelectronics—Faciliity and Workforce Development.		[5,000]
		Testbed for Advanced Digital Low Latency Networks		[2,000]
037	0603183D8Z	JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT &TRANSITION.	52,292	54,292
		Common Hypersonic Glide Body Development		[2,000]
038	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.	19,567	19,567
039	0603260BR	INTELLIGENCE ADVANCED DEVELOPMENT	10,000	10,000
040	0603286E	ADVANCED AEROSPACE SYSTEMS	331,753	321,753
		Program decrease		[–10,000]
041	0603287E	SPACE PROGRAMS AND TECHNOLOGY	134,809	122,309
		Excess growth		[–12,500]
042	0603288D8Z	ANALYTIC ASSESSMENTS	24,328	24,328
043	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	55,626	55,626
044	0603330D8Z	QUANTUM APPLICATION	75,000	75,000
046	0603342D8Z	DEFENSE INNOVATION UNIT (DIU)	104,729	109,729
		Nuclear Advanced Propulsion and power		[2,500]
		Program increase		[2,500]
047	0603375D8Z	TECHNOLOGY INNOVATION	123,837	123,837
048	0603379D8Z	ADVANCED TECHNICAL INTEGRATION	11,000	11,000
049	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	267,073	234,654

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
		Generative Unconstrained Intelligent Drug Engineering-Enhanced Biodefense.		[3,000]
		Program decrease		[–35,419]
050	0603527D8Z	RETRACT LARCH	57,401	57,401
051	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	19,793	19,793
053	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	11,197	11,197
054	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	252,965	365,465
		Additive manufacturing at scale		[5,000]
		Bioindustrial Manufacturing Infrastructure		[100,000]
		Digital manufacturing modernization		[5,000]
		Hypersonic Advanced Composites Manufacturing		[2,500]
055	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	46,404	51,404
		Program increase		[5,000]
056	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.	16,580	16,580
057	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	60,387	60,387
058	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	144,707	144,707
059	0603727D8Z	JOINT WARFIGHTING PROGRAM	2,749	2,749
060	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	254,033	244,033
		Reduce carryover—next generation microelectronics manufacturing		[–10,000]
061	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	321,591	321,591
062	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	885,425	885,425
063	0603767E	SENSOR TECHNOLOGY	358,580	353,330
		Program decrease		[–5,250]
065	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	16,699	16,699
066	0603838D8Z	DEFENSE INNOVATION ACCELERATION (DIA)	257,110	257,110
067	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM.	111,799	111,799
068	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	345,384	345,384
069	0603945D8Z	AUKUS INNOVATION INITIATIVES	25,000	25,000
070	0603950D8Z	NATIONAL SECURITY INNOVATION NETWORK	21,575	28,575
		National Security Innovation Network		[7,000]
071	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	171,668	186,033
		Excess growth		[–5,635]
		HELCAP Thermal Energy Storage		[10,000]
		Increase for tristructural-isotrophic fuel		[10,000]
072	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	156,097	156,097
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	**5,380,945**	**5,524,641**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
074	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	76,764	76,764
075	0603600D8Z	WALKOFF	143,486	143,486
076	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	117,196	89,596
		Program decrease		[–30,600]
		Sustainable Technology Evaluation and Demonstration program increase.		[3,000]
077	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.	220,311	310,311
		INDOPACOM UPL—Enhanced THAAD Mission Support Element Integration (eTMI).		[90,000]
078	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.	903,633	903,633
079	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL.	316,853	292,006
		Excess growth		[–24,847]
080	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	239,159	239,159
081	0603890C	BMD ENABLING PROGRAMS	597,720	596,913
		Poor justification		[–807]
082	0603891C	SPECIAL PROGRAMS—MDA	552,888	635,280
		MDA UPL—Classified increase		[22,892]
		MDA UPL—Electronic Warfare for Missile Defense		[27,300]
		MDA UPL—Left Through Right of Launch Integration		[32,200]
083	0603892C	AEGIS BMD	693,727	689,727
		Program decrease		[–4,000]
084	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	554,201	554,201
085	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.	48,248	48,248
086	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	50,549	50,549
087	0603906C	REGARDING TRENCH	12,564	27,564
		MDA UPL—Classified increase		[15,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
088	0603907C	SEA BASED X-BAND RADAR (SBX)	177,868	177,868
089	0603913C	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000
090	0603914C	BALLISTIC MISSILE DEFENSE TEST	360,455	360,455
091	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	570,258	597,258
		Advanced Reactive Target Simulation		[10,000]
		Hypersonic Maneuvering Extended Range (HMER) Target System		[2,000]
		Hypersonic Target for MDA Advanced Target Front End Configuration 3 (ATFE C3).		[5,000]
		Hypersonic Targets and Countermeasures Program		[10,000]
092	0603923D8Z	COALITION WARFARE	12,103	12,103
093	0604011D8Z	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).	179,278	179,278
094	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,185	3,185
095	0604102C	GUAM DEFENSE DEVELOPMENT	397,578	544,578
		INDOPACOM UPL—Guam Defense System, INDOPACOM		[147,000]
096	0604115C	TECHNOLOGY MATURATION INITIATIVES		6,000
		Diode-Pumped Alkali Laser (DPAL) for Missile Defense		[6,000]
097	0604124D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO)—MIP.	34,350	34,350
098	0604181C	HYPERSONIC DEFENSE	208,997	433,997
		MDA UPL—Glide Phase Interceptor		[225,000]
099	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,085,826	1,062,226
		Classified adjustment		[–28,600]
		Mobile micronuclear reactors		[5,000]
100	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	810,839	752,540
		Radiation-Hardened Fully-Depleted Silicon-on-Insulator Microelectronics.		[2,500]
		Strategic Rad Hard Chiplet Design Accelaration		[2,500]
		Unjustified growth		[–63,299]
101	0604331D8Z	RAPID PROTOTYPING PROGRAM	110,291	110,291
102	0604331J	RAPID PROTOTYPING PROGRAM	9,880	9,880
104	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	2,643	2,643
105	0604551BR	CATAPULT INFORMATION SYSTEM	8,328	8,328
106	0604555D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT—NON S&T.	53,726	60,726
		High Energy Laser Power Beaming		[7,000]
108	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).	3,206	3,206
109	0604790D8Z	RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	79,773	79,773
110	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	28,517	28,517
111	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	103,517	103,517
112	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	2,130,838	2,130,838
113	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	47,577	47,577
114	0604878C	AEGIS BMD TEST	193,484	188,435
		Excess growth		[–5,049]
115	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	111,049	111,049
116	0604880C	LAND-BASED SM–3 (LBSM3)	22,163	22,163
117	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST.	41,824	41,824
118	0202057C	SAFETY PROGRAM MANAGEMENT	2,484	2,484
119	0208059JCY	CYBERCOM ACTIVITIES	65,484	65,484
120	0208085JCY	ROBUST INFRASTRUCTURE AND ACCESS	170,182	135,535
		Unjustified growth		[–34,647]
121	0208086JCY	CYBER TRAINING ENVIRONMENT (CTE)	114,980	114,980
122	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,156	2,156
123	0305103C	CYBER SECURITY INITIATIVE	2,760	2,760
124	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS.	3,000	3,000
125	0305251JCY	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,669	2,669
126	0901579D8Z	OFFICE OF STRATEGIC CAPITAL (OSC)	99,000	99,000
129	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	109,483	109,483
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**12,187,050**	**12,607,593**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
130	0604123D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO)—DEM/VAL ACTIVITIES.	615,246	582,346
		Insufficient justification		[–32,900]
130A	999999	JADC2		174,000
		Program increase—Joint Fires Network (JFN)		[174,000]
131	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	6,229	6,229
132	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	382,977	362,380
		Execution risk		[–20,597]
133	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	9,775	9,775

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
134	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	14,414	14,414
135	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	6,953	6,953
136	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	9,292	9,292
137	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	18,981	18,981
138	0605027D8Z	OUSD(C) IT DEVELOPMENT INITIATIVES	5,456	5,456
140	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM.	32,629	32,629
141	0605141BR	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS).	9,316	9,316
142	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.	6,899	6,899
143	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	297,586	276,586
		Program decrease		[–21,000]
145	0605772D8Z	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	4,110	4,110
146	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM).	8,159	8,159
147	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	14,471	14,471
148	0505167D8Z	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION.	3,770	3,770
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**1,446,263**	**1,545,766**
		MANAGEMENT SUPPORT		
149	0603829J	JOINT CAPABILITY EXPERIMENTATION	12,402	12,402
150	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	12,746	12,746
151	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	8,426	8,426
152	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	833,792	836,292
		Reusable Hypersonic Testbed		[2,500]
153	0604942D8Z	ASSESSMENTS AND EVALUATIONS	5,810	5,810
154	0605001E	MISSION SUPPORT	99,090	99,090
155	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).	187,421	187,421
156	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	61,477	61,477
158	0605142D8Z	SYSTEMS ENGINEERING	39,949	39,949
159	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	6,292	6,292
160	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	21,043	21,043
161	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.	10,504	10,504
162	0605200D8Z	GENERAL SUPPORT TO OUSD(INTELLIGENCE AND SECURITY).	2,980	2,980
163	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	74,382	74,382
170	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	3,831	3,831
171	0605797D8Z	MAINTAINING TECHNOLOGY ADVANTAGE	38,923	38,923
172	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	60,404	60,404
173	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	65,715	65,715
174	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	26,037	26,037
175	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	37,353	37,353
176	0605898E	MANAGEMENT HQ—R&D	14,833	14,833
177	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	3,752	3,752
178	0606005D8Z	SPECIAL ACTIVITIES	18,088	18,088
179	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	14,427	14,427
180	0606114D8Z	ANALYSIS WORKING GROUP (AWG) SUPPORT	4,200	4,200
181	0606135D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES.	17,247	17,247
182	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,386	3,386
183	0606300D8Z	DEFENSE SCIENCE BOARD	2,352	2,352
184	0606301D8Z	AVIATION SAFETY TECHNOLOGIES	213	213
186	0606771D8Z	CYBER RESILIENCY AND CYBERSECURITY POLICY	45,194	45,194
187	0606853BR	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	11,919	11,919
188	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,112	3,112
189	0204571J	JOINT STAFF ANALYTICAL SUPPORT	4,916	4,916
190	0208045K	C4I INTEROPERABILITY	66,152	66,152
195	0305172K	COMBINED ADVANCED APPLICATIONS	5,366	5,366
197	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,069	3,069
199	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	101,319	95,019
		No JLVC acquisition strategy		[–6,300]
200	0808709SE	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI).	740	740
201	0901598C	MANAGEMENT HQ—MDA	28,363	28,363
202	0903235K	JOINT SERVICE PROVIDER (JSP)	5,177	5,177

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
9999	9999999999	CLASSIFIED PROGRAMS	36,315	36,315
		SUBTOTAL MANAGEMENT SUPPORT	**1,998,717**	**1,994,917**
		OPERATIONAL SYSTEMS DEVELOPMENT		
203	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	42,482	42,482
205	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT.	1,017,141	1,025,141
		Domestic advanced microelectronics packaging		[5,000]
		Shipbuilding and ship repair workforce development		[3,000]
206	0607310D8Z	COUNTERPROLIFERATION SPECIAL PROJECTS: OPERATIONAL SYSTEMS DEVELOPMENT.	12,713	12,713
207	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	8,503	8,503
208	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	80,495	80,495
209	0208097JCY	CYBER COMMAND AND CONTROL (CYBER C2)	95,733	95,733
210	0208099JCY	DATA AND UNIFIED PLATFORM (D&UP)	138,558	138,558
214	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	19,299	19,299
215	0303126K	LONG-HAUL COMMUNICATIONS—DCS	37,726	37,726
216	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	5,037	5,037
218	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	97,171	91,171
		Program decrease		[–6,000]
220	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM	8,351	8,351
222	0303153K	DEFENSE SPECTRUM ORGANIZATION	35,995	35,995
223	0303171K	JOINT PLANNING AND EXECUTION SERVICES	5,677	5,677
224	0303228K	JOINT REGIONAL SECURITY STACKS (JRSS)	3,196	3,196
228	0305104D8Z	DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY INITIATIVE.	25,655	25,655
232	0305133V	INDUSTRIAL SECURITY ACTIVITIES	2,134	2,134
235	0305146V	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	2,295	2,295
236	0305172D8Z	COMBINED ADVANCED APPLICATIONS	52,736	52,736
239	0305186D8Z	POLICY R&D PROGRAMS	6,263	6,263
240	0305199D8Z	NET CENTRICITY	23,275	21,963
		Prior year underexecution		[–1,312]
242	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,214	6,214
249	0305327V	INSIDER THREAT	2,971	2,971
250	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.	1,879	1,879
257	0306250JCY	CYBER OPERATIONS TECHNOLOGY SUPPORT	469,385	476,385
		Modernization of Department of Defense Internet Gateway Cyber Defense.		[7,000]
261	0505167D8Z	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION.	1,760	1,760
262	0708012K	LOGISTICS SUPPORT ACTIVITIES	1,420	1,420
263	0708012S	PACIFIC DISASTER CENTERS	1,905	1,905
264	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	3,249	3,249
265	1105219BB	MQ–9 UAV	37,188	67,188
		Adaptive Airborne Enterprise (A2E)		[30,000]
267	1160403BB	AVIATION SYSTEMS	216,174	222,174
		Alternative Domestic Source AC–130J IRSS		[6,000]
268	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	86,737	86,737
269	1160408BB	OPERATIONAL ENHANCEMENTS	216,135	216,135
270	1160431BB	WARRIOR SYSTEMS	263,374	268,374
		Counter Uncrewed Aerial Systems (CUAS) Group 3 Defeat Acceleration.		[5,000]
271	1160432BB	SPECIAL PROGRAMS	529	529
272	1160434BB	UNMANNED ISR	6,727	6,727
273	1160480BB	SOF TACTICAL VEHICLES	9,335	9,335
274	1160483BB	MARITIME SYSTEMS	158,231	158,231
275	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	15,749	15,749
9999	9999999999	CLASSIFIED PROGRAMS	8,463,742	8,463,742
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	**11,683,139**	**11,731,827**
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS		
278	0608648D8Z	ACQUISITION VISIBILITY—SOFTWARE PILOT PROGRAM	21,355	21,355
279	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	33,166	33,166
9999	9999999999	CLASSIFIED PROGRAMS	270,653	270,653
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**325,174**	**325,174**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	**36,185,834**	**36,929,997**
		OPERATIONAL TEST & EVAL, DEFENSE		

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	Conference Authorized
		MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	169,544	169,544
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	103,252	103,252
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	58,693	58,693
		SUBTOTAL MANAGEMENT SUPPORT	**331,489**	**331,489**
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	**331,489**	**331,489**
		TOTAL RDT&E	**144,979,625**	**145,944,719**

TITLE XLIII—OPERATION AND MAINTENANCE

SEC. 4301. OPERATION AND MAINTENANCE.

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2024 Request	Conference Authorized
	OPERATION AND MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	3,943,409	4,203,409
	Program increase: Expanding INDOPACOM campaigning activities		[360,000]
	Unjustified growth		[–100,000]
020	MODULAR SUPPORT BRIGADES	225,238	225,238
030	ECHELONS ABOVE BRIGADE	947,395	933,395
	Underexecution		[–14,000]
040	THEATER LEVEL ASSETS	2,449,141	2,439,141
	Underexecution		[–10,000]
050	LAND FORCES OPERATIONS SUPPORT	1,233,070	1,219,070
	Underexecution		[–14,000]
060	AVIATION ASSETS	2,046,144	2,006,144
	Unjustified growth		[–40,000]
070	FORCE READINESS OPERATIONS SUPPORT	7,149,427	7,095,427
	Unjustified growth		[–54,000]
080	LAND FORCES SYSTEMS READINESS	475,435	475,435
090	LAND FORCES DEPOT MAINTENANCE	1,423,560	1,423,560
100	MEDICAL READINESS	951,499	951,499
110	BASE OPERATIONS SUPPORT	9,943,031	9,930,362
	Fire and Emergency Services		[15,000]
	Unjustified growth		[–27,669]
120	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	5,381,757	5,705,353
	Program increase		[323,596]
130	MANAGEMENT AND OPERATIONAL HEADQUARTERS	313,612	313,612
140	ADDITIONAL ACTIVITIES	454,565	454,565
150	RESET	447,987	447,987
160	US AFRICA COMMAND	414,680	564,680
	AFRICOM UPL—High-risk ISR		[150,000]
170	US EUROPEAN COMMAND	408,529	408,529
180	US SOUTHERN COMMAND	285,692	285,692
190	US FORCES KOREA	88,463	88,463
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	507,845	507,845
210	CYBERSPACE ACTIVITIES—CYBERSECURITY	704,667	704,667
	SUBTOTAL OPERATING FORCES	**39,795,146**	**40,384,073**
	MOBILIZATION		
230	STRATEGIC MOBILITY	470,143	470,143
240	ARMY PREPOSITIONED STOCKS	433,909	433,909
250	INDUSTRIAL PREPAREDNESS	4,244	4,244
	SUBTOTAL MOBILIZATION	**908,296**	**908,296**
	TRAINING AND RECRUITING		
260	OFFICER ACQUISITION	178,428	178,428
270	RECRUIT TRAINING	78,235	78,235

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2024

(In Thousands of Dollars)

	FY 2024 Request	Conference Change	Conference Authorized
DISCRETIONARY AUTHORIZATIONS WITHIN THE JURISDICTION OF THE ARMED SERVICES COMMITTEE			
National Defense Funding, Base Budget Request			
Function 051, Department of Defense-Military			
Division A: Department of Defense Authorizations			
Title I—Procurement			
Aircraft Procurement, Army	3,012,440	300,770	3,313,210
Missile Procurement, Army	4,962,017	–16,750	4,945,267
Weapons & Tracked Combat Vehicles, Army	3,765,521	939,096	4,704,617
Procurement of Ammunition, Army	2,967,578	30,611	2,998,189
Other Procurement, Army	8,672,979	52,774	8,725,753
Aircraft Procurement, Navy	17,336,760	672,149	18,008,909
Weapons Procurement, Navy	6,876,385	–122,072	6,754,313
Procurement of Ammunition, Navy & Marine Corps	1,293,273	27,008	1,320,281
Shipbuilding & Conversion, Navy	32,848,950	74,424	32,923,374
Other Procurement, Navy	14,535,257	4,279	14,539,536
Procurement, Marine Corps	3,979,212	–60,872	3,918,340
Aircraft Procurement, Air Force	20,315,204	–665,390	19,649,814
Missile Procurement, Air Force	5,530,446		5,530,446
Procurement of Ammunition, Air Force	703,158	–32,056	671,102
Other Procurement, Air Force	30,417,892	279,153	30,697,045
Procurement, Space Force	4,714,294	–528,100	4,186,194
Procurement, Defense-Wide	6,056,975	126,100	6,183,075
National Guard & Reserve Equipment		100,000	100,000
Subtotal, Title I—Procurement	**167,988,341**	**1,181,124**	**169,169,465**
Title II—Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	15,775,381	190,771	15,966,152
Research, Development, Test & Evaluation, Navy	26,922,225	–199,668	26,722,557
Research, Development, Test & Evaluation, Air Force	46,565,356	–272,748	46,292,608
Research, Development, Test & Evaluation, Space Force	19,199,340	502,576	19,701,916
Research, Development, Test & Evaluation, Defense-Wide	36,185,834	744,163	36,929,997
Operational Test & Evaluation, Defense	331,489		331,489
Subtotal, Title II—Research, Development, Test and Evaluation	**144,979,625**	**965,094**	**145,944,719**
Title III—Operation and Maintenance			
Operation & Maintenance, Army	59,554,553	268,327	59,822,880
Operation & Maintenance, Army Reserve	3,630,948	–16,300	3,614,648
Operation & Maintenance, Army National Guard	8,683,104	–70,500	8,612,604
Counter-ISIS Train and Equip Fund	397,950		397,950
Operation & Maintenance, Navy	72,244,533	–149,876	72,094,657
Operation & Maintenance, Marine Corps	10,281,913	–58,009	10,223,904
Operation & Maintenance, Navy Reserve	1,380,810	–8,100	1,372,710
Operation & Maintenance, Marine Corps Reserve	329,395	–4,900	324,495

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2024—Continued

(In Thousands of Dollars)

	FY 2024 Request	Conference Change	Conference Authorized
Operation & Maintenance, Air Force	62,750,095	–766,744	61,983,351
Operation & Maintenance, Space Force	5,017,468	–54,027	4,963,441
Operation & Maintenance, Air Force Reserve	4,116,256	–70,500	4,045,756
Operation & Maintenance, Air National Guard	7,253,694	–84,200	7,169,494
Operation & Maintenance, Defense-Wide	52,767,563	–233,835	52,533,728
United States Court of Appeals for the Armed Forces	16,620		16,620
DOD Acquisition Workforce Development Fund	54,977		54,977
Overseas Humanitarian, Disaster, and Civic Aid	114,900		114,900
Cooperative Threat Reduction Account	350,999		350,999
Environmental Restoration, Army	198,760		198,760
Environmental Restoration, Navy	335,240		335,240
Environmental Restoration, Air Force	349,744		349,744
Environmental Restoration, Defense	8,965		8,965
Environmental Restoration, Formerly Used Sites	232,806		232,806
Subtotal, Title III—Operation and Maintenance	**290,071,293**	**–1,248,664**	**288,822,629**
Title IV—Military Personnel			
Military Personnel Appropriations	168,320,510	–2,108,861	166,211,649
Medicare-Eligible Retiree Health Fund Contributions	10,553,456		10,553,456
Subtotal, Title IV—Military Personnel	**178,873,966**	**–2,108,861**	**176,765,105**
Title XIV—Other Authorizations			
National Defense Stockpile Transaction Fund	7,629		7,629
Working Capital Fund, Army	29,213		29,213
Working Capital Fund, Air Force	83,587		83,587
Working Capital Fund, Defense-Wide	114,667		114,667
Working Capital Fund, DECA	1,447,612		1,447,612
Chemical Agents & Munitions Destruction	1,091,844		1,091,844
Drug Interdiction and Counter Drug Activities	886,426	32,500	918,926
Office of the Inspector General	525,365		525,365
Defense Health Program	38,413,960	–110,658	38,303,302
Subtotal, Title XIV—Other Authorizations	**42,600,303**	**–78,158**	**42,522,145**
Total, Division A: Department of Defense Authorizations	**824,513,528**	**–1,289,465**	**823,224,063**
Division B: Military Construction Authorizations			
Military Construction			
Army	1,470,555	441,734	1,912,289
Navy	6,022,187	–718,147	5,304,040
Air Force	2,605,314	552,700	3,158,014
Defense-Wide	2,984,682	213,889	3,198,571
NATO Security Investment Program	293,434	50,000	343,434
Army National Guard	340,186	391,892	732,078
Army Reserve	107,076	127,000	234,076
Navy and Marine Corps Reserve	51,291	15,000	66,291
Air National Guard	178,722	182,543	361,265
Air Force Reserve	291,572	55,000	346,572
Unaccompanied Housing Improvement Fund	496		496

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2024—Continued

(In Thousands of Dollars)

	FY 2024 Request	Conference Change	Conference Authorized
Subtotal, Military Construction	**14,345,515**	**1,311,611**	**15,657,126**
Family Housing			
Construction, Army	304,895	11,389	316,284
Operation & Maintenance, Army	385,485		385,485
Construction, Navy and Marine Corps	277,142		277,142
Operation & Maintenance, Navy and Marine Corps	363,854		363,854
Construction, Air Force	237,097	27,000	264,097
Operation & Maintenance, Air Force	314,386		314,386
Operation & Maintenance, Defense-Wide	50,785		50,785
Improvement Fund	6,611		6,611
Subtotal, Family Housing	**1,940,255**	**38,389**	**1,978,644**
Base Realignment and Closure			
Base Realignment and Closure—Army	150,640	50,000	200,640
Base Realignment and Closure—Navy	108,818	50,000	158,818
Base Realignment and Closure—Air Force	123,990	50,000	173,990
Base Realignment and Closure—Defense-wide	5,726		5,726
Subtotal, Base Realignment and Closure	**389,174**	**150,000**	**539,174**
Total, Division B: Military Construction Authorizations	**16,674,944**	**1,500,000**	**18,174,944**
Total, 051, Department of Defense-Military	**841,188,472**	**210,535**	**841,399,007**
Division C: Department of Energy National Security Authorization and Other Authorizations			
Function 053, Atomic Energy Defense Activities			
Environmental and Other Defense Activities			
Nuclear Energy	177,733	–17,733	160,000
Weapons Activities	18,832,947	288,729	19,121,676
Defense Nuclear Nonproliferation	2,508,959	–64,707	2,444,252
Naval Reactors	1,964,100		1,964,100
Federal Salaries and Expenses	538,994	–20,000	518,994
Defense Environmental Cleanup	7,073,587	–29,824	7,043,763
Defense Uranium Enrichment D&D	427,000	–427,000	0
Other Defense Activities	1,075,197		1,075,197
Subtotal, Environmental and Other Defense Activities	**32,598,517**	**–270,535**	**32,327,982**
Independent Federal Agency Authorization			
Defense Nuclear Facilities Safety Board	47,230		47,230
Subtotal, Independent Federal Agency Authorization	**47,230**	**0**	**47,230**
Subtotal, 053, Atomic Energy Defense Activities	**32,645,747**	**–270,535**	**32,375,212**
Function 054, Defense-Related Activities			
Other Agency Authorizations			

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2024—Continued

(In Thousands of Dollars)

	FY 2024 Request	Conference Change	Conference Authorized
Maritime Security Program	318,000		318,000
Tanker Security Program (previously authorized)	60,000	60,000	120,000
Subtotal, Other Agency Authorizations	**378,000**	**60,000**	**438,000**
Subtotal, 054, Defense-Related Activities	**378,000**	**60,000**	**438,000**
Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations	**33,023,747**	**–210,535**	**32,813,212**
Total, National Defense	**874,212,219**	**0**	**874,212,219**
MEMORANDUM: NON-DEFENSE AUTHORIZATIONS	**692,224**	**431,280**	**1,123,504**
Title XIV—Armed Forces Retirement Home (Function 700)	77,000		77,000
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270)	13,010		13,010
Title XXXV—Maritime Administration (Function 400)	602,214	431,280	1,033,494
MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)			
Title X—General Transfer Authority	[8,000,000]	[–2,000,000]	[6,000,000]
MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)			
Defense Production Act	968,605		968,605

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION

(In Thousands of Dollars)

	FY 2024 Request	Conference Change	Conference Authorized
Summary, Discretionary Authorizations Within the Jurisdiction of the Armed Services Committee			
SUBTOTAL, DEPARTMENT OF DEFENSE (051)	**841,188,472**	**210,535**	**841,399,007**
SUBTOTAL, ATOMIC ENERGY DEFENSE PROGRAMS (053)	**32,645,747**	**–270,535**	**32,375,212**
SUBTOTAL, DEFENSE-RELATED ACTIVITIES (054)	**378,000**	**60,000**	**438,000**
TOTAL, NATIONAL DEFENSE	**874,212,219**		**874,212,219**
Scoring adjustments			
Transfers to non-Defense budget functions (051)	–187,000		–187,000
Defense Production Act, Negative subsidies (051)	–9,000		–9,000
Subtotal, Scoring Adjustments	**–196,000**		**–196,000**
National Defense Discretionary Programs not In the Jurisdiction of the Armed Services Committee or Do Not Require Additional Authorization (CBO Estimates)			
Defense Production Act Purchases	968,605		968,605
Indefinite Account: Disposal of DOD Real Property	7,000		7,000
Indefinite Account: Lease of DOD Real Property	32,000		32,000
Subtotal, Budget Sub-Function 051	**1,007,605**		**1,007,605**
Corps of Engineers—Civil Works, Formerly Utilized Sites Remedial Action Program	200,000		200,000
Subtotal, Budget Sub-Function 053	**200,000**		**200,000**
Other Discretionary Programs	11,125,000		11,125,000
Subtotal, Budget Sub-Function 054	**11,125,000**		**11,125,000**
Total Defense Discretionary Adjustments (050)	**12,136,605**		**12,136,605**
Budget Authority Implication, National Defense Discretionary			
Department of Defense--Military (051)	842,000,077	210,535	842,210,612
Atomic Energy Defense Activities (053)	32,845,747	–270,535	32,575,212
Defense-Related Activities (054)	11,503,000	60,000	11,563,000
Total BA Implication, National Defense Discretionary	**886,348,824**		**886,348,824**
National Defense Mandatory Programs, Current Law (CBO Baseline)			
Concurrent receipt accrual payments to the Military Retirement Fund	19,704,000		19,704,000
Revolving, trust and other DOD Mandatory	2,104,000		2,104,000
TID for CHIPS Act (Defense)	400,000		400,000
Offsetting receipts	–2,001,000		–2,001,000
Subtotal, Budget Sub-Function 051	**20,207,000**		**20,207,000**
Energy employees occupational illness compensation programs and other	2,339,000		2,339,000
DOE Defense environmental cleanup and Weapons activities	37,000		37,000
CDC-Wide Activities and Program Support	56,000		56,000
Subtotal, Budget Sub-Function 053	**2,432,000**		**2,432,000**
Payment to CIA retirement fund	514,000		514,000
Radiation exposure compensation	26,000		26,000
Subtotal, Budget Sub-Function 054	**540,000**		**540,000**

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION—Continued

(In Thousands of Dollars)

	FY 2024 Request	Conference Change	Conference Authorized
Total National Defense Mandatory (050)	**23,179,000**		**23,179,000**
Budget Authority Implication, National Defense Discretionary and Mandatory			
Department of Defense--Military (051)	862,207,077	210,535	862,417,612
Atomic Energy Defense Activities (053)	35,277,747	–270,535	35,007,212
Defense-Related Activities (054)	12,043,000	60,000	12,103,000
Total BA Implication, National Defense Discretionary and Mandatory	**909,527,824**		**909,527,824**

TITLE XLI—PROCUREMENT

SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	AIRCRAFT PROCUREMENT, ARMY										
	FIXED WING										
003	FUTURE UAS FAMILY		53,453		53,453		53,453				53,453
005	SMALL UNMANNED AIRCRAFT SYSTEMS		20,769		20,769		20,769				20,769
	ROTARY										
006	AH–64 APACHE BLOCK IIIA REMAN	42	718,578	42	718,578	42	718,578			42	718,578
007	AH–64 APACHE BLOCK IIIA REMAN AP		110,360		110,360		110,360				110,360
008	UH–60 BLACKHAWK M MODEL (MYP)	24	668,258	24	668,258	24	668,258			24	668,258
009	UH–60 BLACKHAWK M MODEL (MYP) AP		92,494		92,494		92,494				92,494
010	UH–60 BLACK HAWK L AND V MODELS	26	153,196	26	153,196	26	153,196			26	153,196
011	CH–47 HELICOPTER	6	202,487	10	379,987	6	202,487	4	177,500	10	379,987
	Four Additional Aircraft			[4]	[177,500]			[4]	[177,500]		
012	CH–47 HELICOPTER AP		18,936		41,436		18,936		22,500		41,436
	CH–47F Block II—Adv Procurement				[22,500]				[22,500]		
012A	UH–72B LAKOTA HELICOPTER			2	20,000				20,000		20,000
	Two aircraft			[2]	[20,000]				[20,000]		
	MODIFICATION OF AIRCRAFT										
013	MQ–1 PAYLOAD		13,650		13,650		13,650				13,650
014	GRAY EAGLE MODS2		14,959		39,959		14,959		68,000		82,959
	Program increase				[25,000]				[68,000]		
016	AH–64 MODS		113,127		113,127		113,127				113,127
017	CH–47 CARGO HELICOPTER MODS (MYP)		20,689		20,689		20,689				20,689
022	UTILITY HELICOPTER MODS		35,879		65,879		35,879		18,000		53,879
	Black Hawk Mods—60kVA Generators				[15,000]				[15,000]		
	Litter Basket Stabilization Systems				[15,000]				[3,000]		
023	NETWORK AND MISSION PLAN		32,418		32,418		32,418				32,418

024	COMMS, NAV SURVEILLANCE		74,912		74,912		74,912				74,912
025	DEGRADED VISUAL ENVIRONMENT		16,838		16,838		16,838				16,838
026	AVIATION ASSURED PNT		67,383		67,383		67,383				67,383
027	GATM ROLLUP		8,924		8,924		8,924				8,924
029	UAS MODS		2,258		2,258		2,258				2,258
	GROUND SUPPORT AVIONICS										
030	AIRCRAFT SURVIVABILITY EQUIPMENT		161,731		161,731		161,731		–5,230		156,501
	B–Kit unit cost adjustment								[–5,230]		
031	SURVIVABILITY CM		6,526		6,526		6,526				6,526
032	CMWS		72,041		72,041		72,041				72,041
033	COMMON INFRARED COUNTERMEASURES (CIRCM)	125	261,384	125	261,384	125	261,384			125	261,384
	OTHER SUPPORT										
034	COMMON GROUND EQUIPMENT		25,752		25,752		25,752				25,752
035	AIRCREW INTEGRATED SYSTEMS		22,097		22,097		22,097				22,097
036	AIR TRAFFIC CONTROL		21,216		21,216		21,216				21,216
037	LAUNCHER, 2.75 ROCKET		2,125		2,125		2,125				2,125
	TOTAL AIRCRAFT PROCUREMENT, ARMY	**223**	**3,012,440**	**229**	**3,287,440**	**223**	**3,012,440**	**4**	**300,770**	**227**	**3,313,210**
	MISSILE PROCUREMENT, ARMY										
	SURFACE-TO-AIR MISSILE SYSTEM										
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SEN		6,625		6,625		6,625				6,625
003	M-SHORAD—PROCUREMENT	22	400,697	22	390,197	22	400,697		–10,500	22	390,197
	Excess fielding growth				[–10,500]				[–10,500]		
004	MSE MISSILE	230	1,212,832	230	1,212,832	230	1,212,832			230	1,212,832
006	PRECISION STRIKE MISSILE (PRSM)	110	384,071	110	384,071	110	384,071		–6,250	110	377,821
	Unjustified growth: Software maintenance								[–6,250]		
007	INDIRECT FIRE PROTECTION CAPABILITY INC 2–I		313,189		313,189		313,189				313,189
008	MID-RANGE CAPABILITY (MRC)		169,519		169,519		169,519				169,519
	AIR-TO-SURFACE MISSILE SYSTEM										
009	HELLFIRE SYS SUMMARY		21,976		21,976		21,976				21,976
010	JOINT AIR-TO-GROUND MSLS (JAGM)	901	303,409	901	303,409	901	303,409			901	303,409
012	LONG-RANGE HYPERSONIC WEAPON		156,821		156,821		156,821				156,821
	ANTI-TANK/ASSAULT MISSILE SYS										
013	JAVELIN (AAWS-M) SYSTEM SUMMARY	541	199,509	541	199,509	541	199,509			541	199,509
014	TOW 2 SYSTEM SUMMARY	850	120,475	850	120,475	850	120,475			850	120,475
015	GUIDED MLRS ROCKET (GMLRS)	5,016	886,367	5,016	886,367	5,016	886,367			5,016	886,367
016	GUIDED MLRS ROCKET (GMLRS)		55,913		55,913		55,913				55,913
017	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	366	10,334	366	10,334	366	10,334			366	10,334
018	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS	28	179,230	28	179,230	28	179,230			28	179,230
019	ARMY TACTICAL MSL SYS (ATACMS)—SYS SUM		7,307		7,307		7,307				7,307

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	MODIFICATIONS										
021	PATRIOT MODS		212,247		212,247		212,247				212,247
022	STINGER MODS		36,484		36,484		36,484				36,484
023	AVENGER MODS		22,274		22,274		22,274				22,274
025	MLRS MODS		168,198		168,198		168,198				168,198
026	HIMARS MODIFICATIONS		76,266		76,266		76,266				76,266
	SPARES AND REPAIR PARTS										
027	SPARES AND REPAIR PARTS		6,573		6,573		6,573				6,573
	SUPPORT EQUIPMENT & FACILITIES										
028	AIR DEFENSE TARGETS		11,701		11,701		11,701				11,701
	TOTAL MISSILE PROCUREMENT, ARMY	**8,064**	**4,962,017**	**8,064**	**4,951,517**	**8,064**	**4,962,017**		**–16,750**	**8,064**	**4,945,267**
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY										
	TRACKED COMBAT VEHICLES										
001	ARMORED MULTI PURPOSE VEHICLE (AMPV)	91	554,777	91	552,277	91	554,777		–2,500	91	552,277
	Program decrease				[–2,500]				[–2,500]		
003	MOBILE PROTECTED FIREPOWER	33	394,635	33	386,235	33	394,635		–8,000	33	386,635
	Excessive growth—systems technical support				[–8,400]				[–8,000]		
	MODIFICATION OF TRACKED COMBAT VEHICLES										
004	STRYKER UPGRADE	85	614,282	105	756,682	85	614,282	47	135,400	132	749,682
	Excessive growth—fleet modifications				[–4,600]				[–4,600]		
	Program increase			[20]	[147,000]			[47]	[140,000]		
005	BRADLEY FIRE SUPPORT TEAM (BFIST) VEHICLE	128	5,232	128	5,232	128	5,232			128	5,232
006	BRADLEY PROGRAM (MOD)		158,274		252,774		158,274		58,796		217,070
	Program increase				[94,500]				[65,000]		
	Unjustified growth: modification 7 installation								[–6,204]		
007	M109 FOV MODIFICATIONS		90,986		90,986		90,986				90,986
008	PALADIN INTEGRATED MANAGEMENT (PIM)	24	469,152	30	579,152	24	469,152	11	205,000	35	674,152
	Program increase			[6]	[110,000]			[11]	[205,000]		
009	IMPROVED RECOVERY VEHICLE (M88 HERCULES)		41,058		41,058		41,058				41,058
012	JOINT ASSAULT BRIDGE	24	159,804	24	159,804	24	159,804			24	159,804
013	ABRAMS UPGRADE PROGRAM	34	697,883	47	974,383	34	697,883	53	542,400	87	1,240,283

	Abrams Upgrade Predictive Maintenance (PPMX)				[10,000]				[10,000]		
	Program increase			[13]	[266,500]			[53]	[532,400]		
014	ABRAMS UPGRADE PROGRAM AP		102,440		102,440		102,440				102,440
	WEAPONS & OTHER COMBAT VEHICLES										
016	PERSONAL DEFENSE WEAPON (ROLL)	100	510	100	510	100	510			100	510
017	M240 MEDIUM MACHINE GUN (7.62MM)		425		425		425				425
019	MACHINE GUN, CAL .50 M2 ROLL		3,420		3,420		3,420				3,420
020	MORTAR SYSTEMS		8,013		8,013		8,013				8,013
021	LOCATION & AZIMUTH DETERMINATION SYSTEM (LADS		3,174		3,174		3,174				3,174
022	XM320 GRENADE LAUNCHER MODULE (GLM)		14,143		14,143		14,143				14,143
023	PRECISION SNIPER RIFLE		5,248		5,248		5,248				5,248
024	CARBINE		571		571		571		8,000		8,571
	Program Increase—M4 carbine upper receivers								[8,000]		
025	NEXT GENERATION SQUAD WEAPON		292,850		292,850		292,850				292,850
026	HANDGUN		32		32		32				32
	MOD OF WEAPONS AND OTHER COMBAT VEH										
028	M777 MODS		18,920		18,920		18,920				18,920
029	M2 50 CAL MACHINE GUN MODS				8,000						
	M4 Carbine Mods for Upper Receivers				[8,000]						
031	M119 MODIFICATIONS		13,097		13,097		13,097				13,097
032	MORTAR MODIFICATION		423		423		423				423
	SUPPORT EQUIPMENT & FACILITIES										
033	ITEMS LESS THAN $5.0M (WOCV-WTCV)		1,148		1,148		1,148				1,148
034	PRODUCTION BASE SUPPORT (WOCV-WTCV)		115,024		115,024		115,024				115,024
	TOTAL PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY.	**519**	**3,765,521**	**558**	**4,386,021**	**519**	**3,765,521**	**111**	**939,096**	**630**	**4,704,617**
	PROCUREMENT OF AMMUNITION, ARMY										
	SMALL/MEDIUM CAL AMMUNITION										
001	CTG, 5.56MM, ALL TYPES		90,853		106,553		90,853				90,853
	Program increase				[15,700]						
002	CTG, 7.62MM, ALL TYPES		65,370		101,270		65,370		15,000		80,370
	Program increase				[35,900]				[15,000]		
003	NEXT GENERATION SQUAD WEAPON AMMUNITION		191,244		191,244		191,244				191,244
004	CTG, HANDGUN, ALL TYPES		6,597		10,197		6,597				6,597
	Program increase				[3,600]						
005	CTG, .50 CAL, ALL TYPES		41,534		73,294		41,534		22,868		64,402
	Program increase				[31,760]				[22,868]		
006	CTG, 20MM, ALL TYPES		7,925		7,925		7,925				7,925
007	CTG, 25MM, ALL TYPES		38,760		38,760		38,760		–7,257		31,503

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Excess to need								[–7,257]		
008	CTG, 30MM, ALL TYPES		107,805		107,805		107,805				107,805
009	CTG, 40MM, ALL TYPES		148,970		148,970		148,970				148,970
010	CTG, 50MM, ALL TYPES		28,000		28,000		28,000				28,000
	MORTAR AMMUNITION										
011	60MM MORTAR, ALL TYPES		35,160		35,160		35,160				35,160
012	81MM MORTAR, ALL TYPES		40,562		40,562		40,562				40,562
013	120MM MORTAR, ALL TYPES		106,784		106,784		106,784				106,784
	TANK AMMUNITION										
014	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES		300,368		300,368		300,368				300,368
	ARTILLERY AMMUNITION										
015	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES		21,298		21,298		21,298				21,298
016	ARTILLERY PROJECTILE, 155MM, ALL TYPES		150,839		150,839		150,839				150,839
018	PRECISION ARTILLERY MUNITIONS		96,406		96,406		96,406				96,406
019	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL		172,947		172,947		172,947				172,947
	MINES										
020	MINES & CLEARING CHARGES, ALL TYPES		71,182		71,182		71,182				71,182
021	CLOSE TERRAIN SHAPING OBSTACLE		55,374		55,374		55,374				55,374
	ROCKETS										
022	SHOULDER LAUNCHED MUNITIONS, ALL TYPES		18,630		18,630		18,630				18,630
023	ROCKET, HYDRA 70, ALL TYPES		87,293		87,293		87,293				87,293
	OTHER AMMUNITION										
024	CAD/PAD, ALL TYPES		6,564		6,564		6,564				6,564
025	DEMOLITION MUNITIONS, ALL TYPES		24,238		24,238		24,238				24,238
026	GRENADES, ALL TYPES		48,374		48,374		48,374				48,374
027	SIGNALS, ALL TYPES		23,252		23,252		23,252				23,252
028	SIMULATORS, ALL TYPES		11,309		11,309		11,309				11,309
	MISCELLANEOUS										
030	AMMO COMPONENTS, ALL TYPES		3,976		3,976		3,976				3,976
031	NON-LETHAL AMMUNITION, ALL TYPES		3,281		3,281		3,281				3,281
032	ITEMS LESS THAN $5 MILLION (AMMO)		17,436		17,436		17,436				17,436
033	AMMUNITION PECULIAR EQUIPMENT		13,133		13,133		13,133				13,133
034	FIRST DESTINATION TRANSPORTATION (AMMO)		18,068		18,068		18,068				18,068

035	CLOSEOUT LIABILITIES	102	102	102		102
	PRODUCTION BASE SUPPORT					
036	INDUSTRIAL FACILITIES	726,135	726,135	726,135		726,135
037	CONVENTIONAL MUNITIONS DEMILITARIZATION	183,752	80,602	183,752		183,752
	Unjustified growth—EP1800 Conventional Ammunition Demilitarization.		[–98,450]			
	Unjustified growth—EP1803 Non Army Missile Demilitarization.		[–4,700]			
038	ARMS INITIATIVE	4,057	4,057	4,057		4,057
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	**2,967,578**	**2,951,388**	**2,967,578**	**30,611**	**2,998,189**
	OTHER PROCUREMENT, ARMY					
	TACTICAL VEHICLES					
001	SEMITRAILERS, FLATBED:	22,751	22,751	22,751		22,751
002	SEMITRAILERS, TANKERS	40,359	40,359	40,359		40,359
003	HI MOB MULTI-PURP WHLD VEH (HMMWV)	25,904	25,904	25,904		25,904
004	GROUND MOBILITY VEHICLES (GMV)	36,223	61,223	36,223		36,223
	Program increase		[25,000]			
006	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL	839,413	853,413	839,413	–2,095	837,318
	Unit cost increases				[–2,095]	
	Vehicle safety data recorders with predictive logistics for weapons and vehicles.		[14,000]			
007	TRUCK, DUMP, 20T (CCE)	20,075	50,075	20,075	15,000	35,075
	Program increase		[30,000]		[15,000]	
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	110,734	110,734	110,734		110,734
009	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE	28,745	28,745	28,745		28,745
010	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	55,340	55,340	55,340		55,340
011	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	66,428	101,435	66,428	100,000	166,428
	Incomplete development goals		[–14,993]			
	Program increase		[50,000]		[100,000]	
012	PLS ESP	51,868	51,868	51,868		51,868
014	TACTICAL WHEELED VEHICLE PROTECTION KITS	3,792	3,792	3,792		3,792
015	MODIFICATION OF IN SVC EQUIP	80,326	150,326	80,326	57,500	137,826
	HMMWV ABS/ESC		[70,000]		[57,500]	
	NON-TACTICAL VEHICLES					
016	PASSENGER CARRYING VEHICLES	2,203	2,203	2,203		2,203
017	NONTACTICAL VEHICLES, OTHER	8,246	8,246	8,246		8,246
	COMM—JOINT COMMUNICATIONS					
018	SIGNAL MODERNIZATION PROGRAM	161,585	151,185	161,585	–10,400	151,185
	Program decrease		[–10,400]		[–10,400]	

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
019	TACTICAL NETWORK TECHNOLOGY MOD IN SVC		358,646		376,646		358,646		–2,503		356,143
	On-the-Move Sattelite Communications Terminals				[18,000]				[9,500]		
	SATCOM obsolescence previously funded								[–12,003]		
020	DISASTER INCIDENT RESPONSE COMMS TERMINAL (DI		254		254		254				254
021	JCSE EQUIPMENT (USRDECOM)		5,097		5,097		5,097				5,097
	COMM—SATELLITE COMMUNICATIONS										
024	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS		101,181		101,181		101,181				101,181
025	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS		54,849		54,849		54,849				54,849
026	SHF TERM		41,634		41,634		41,634				41,634
027	ASSURED POSITIONING, NAVIGATION AND TIMING		202,370		202,370		202,370				202,370
028	EHF SATELLITE COMMUNICATION		19,122		19,122		19,122				19,122
030	GLOBAL BRDCST SVC—GBS		531		531		531				531
	COMM—C3 SYSTEM										
031	COE TACTICAL SERVER INFRASTRUCTURE (TSI)		77,999		77,999		77,999				77,999
	COMM—COMBAT COMMUNICATIONS										
032	HANDHELD MANPACK SMALL FORM FIT (HMS)		765,109		760,066		765,109		–5,043		760,066
	Excess to need				[–5,043]				[–5,043]		
033	ARMY LINK 16 SYSTEMS		60,767		60,767		60,767				60,767
035	UNIFIED COMMAND SUITE		18,999		18,999		18,999				18,999
036	COTS COMMUNICATIONS EQUIPMENT		492,001		484,901		492,001		–7,100		484,901
	Program decrease				[–7,100]				[–7,100]		
037	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE		1,374		1,374		1,374				1,374
038	ARMY COMMUNICATIONS & ELECTRONICS		52,485		52,485		52,485				52,485
	COMM—INTELLIGENCE COMM										
039	CI AUTOMATION ARCHITECTURE-INTEL		16,767		16,767		16,767				16,767
041	MULTI-DOMAIN INTELLIGENCE		119,989		119,989		119,989				119,989
	INFORMATION SECURITY										
042	INFORMATION SYSTEM SECURITY PROGRAM-ISSP		701		701		701				701
043	COMMUNICATIONS SECURITY (COMSEC)		159,712		159,712		159,712				159,712
044	DEFENSIVE CYBER OPERATIONS		13,848		13,848		13,848				13,848
045	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO		1,502		1,502		1,502				1,502
047	BIOMETRIC ENABLING CAPABILITY (BEC)		453		453		453				453
	COMM—LONG HAUL COMMUNICATIONS										

049	BASE SUPPORT COMMUNICATIONS	23,278	23,278	23,278		23,278
	COMM—BASE COMMUNICATIONS					
050	INFORMATION SYSTEMS	32,608	32,608	32,608		32,608
051	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,949	4,949	4,949		4,949
052	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	243,011	243,011	243,011		243,011
	ELECT EQUIP—TACT INT REL ACT (TIARA)					
055	JTT/CIBS-M	8,543	8,543	8,543		8,543
056	TERRESTRIAL LAYER SYSTEMS (TLS)	85,486	85,486	85,486		85,486
058	DCGS-A-INTEL	2,980	2,980	2,980		2,980
060	TROJAN	30,649	30,649	30,649		30,649
061	MOD OF IN-SVC EQUIP (INTEL SPT)	4,169	4,169	4,169		4,169
062	BIOMETRIC TACTICAL COLLECTION DEVICES	932	932	932		932
	ELECT EQUIP—ELECTRONIC WARFARE (EW)					
063	EW PLANNING & MANAGEMENT TOOLS (EWPMT)	21,278	21,278	21,278		21,278
064	AIR VIGILANCE (AV)	6,641	6,641	6,641		6,641
065	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST	15,941	15,941	15,941		15,941
067	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	22,833	22,833	22,833		22,833
068	CI MODERNIZATION	434	434	434		434
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)					
069	SENTINEL MODS	161,886	176,886	161,886		161,886
	Prophet ESP kits		[15,000]			
070	NIGHT VISION DEVICES	141,143	51,692	141,143	–42,421	98,722
	Rephase to RDT&E for IVAS 1.2 Development		[–89,451]		[–39,137]	
	Restore acquisition accountability: Government program management costs.				[–3,284]	
071	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	15,484	15,484	15,484		15,484
073	FAMILY OF WEAPON SIGHTS (FWS)	185,634	177,534	185,634		185,634
	Program decrease		[–8,100]			
074	ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE	3,652	3,652	3,652		3,652
075	FORWARD LOOKING INFRARED (IFLIR)	20,438	20,438	20,438		20,438
076	COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)	365,376	365,376	365,376	–60,000	305,376
	Execution delays				[–60,000]	
077	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	215,290	210,066	215,290	–5,224	210,066
	Unjustified Cost Growth—Fielding and Systems Engineering.		[–5,224]		[–5,224]	
078	JOINT EFFECTS TARGETING SYSTEM (JETS)	8,932	8,932	8,932		8,932
079	COMPUTER BALLISTICS: LHMBC XM32	2,965	2,965	2,965		2,965
080	MORTAR FIRE CONTROL SYSTEM	8,024	8,024	8,024		8,024
081	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	7,399	7,399	7,399		7,399
082	COUNTERFIRE RADARS	99,782	99,782	99,782		99,782

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	ELECT EQUIP—TACTICAL C2 SYSTEMS										
083	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE		78,512		78,512		78,512				78,512
084	FIRE SUPPORT C2 FAMILY		10,052		10,052		10,052				10,052
085	AIR & MSL DEFENSE PLANNING & CONTROL SYS		68,892		68,892		68,892				68,892
086	IAMD BATTLE COMMAND SYSTEM		412,556		395,456		412,556		–17,100		395,456
	Excess Interim Contractor Support				[–17,100]				[–17,100]		
087	LIFE CYCLE SOFTWARE SUPPORT (LCSS)		4,270		4,270		4,270				4,270
088	NETWORK MANAGEMENT INITIALIZATION AND SERVICE		37,194		37,194		37,194				37,194
089	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)		1,987		1,987		1,987				1,987
090	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP		5,318		5,318		5,318				5,318
091	MOD OF IN-SVC EQUIPMENT (ENFIRE)		4,997		4,997		4,997				4,997
	ELECT EQUIP—AUTOMATION										
092	ARMY TRAINING MODERNIZATION		10,130		10,130		10,130				10,130
093	AUTOMATED DATA PROCESSING EQUIP		61,489		61,489		61,489				61,489
094	ACCESSIONS INFORMATION ENVIRONMENT (AIE)		4,198		4,198		4,198				4,198
096	HIGH PERF COMPUTING MOD PGM (HPCMP)		76,053		76,053		76,053				76,053
097	CONTRACT WRITING SYSTEM		6,061		6,061		6,061				6,061
098	CSS COMMUNICATIONS		56,804		56,804		56,804				56,804
	CLASSIFIED PROGRAMS										
151A	CLASSIFIED PROGRAMS		1,781		1,781		1,781				1,781
	CHEMICAL DEFENSIVE EQUIPMENT										
102	BASE DEFENSE SYSTEMS (BDS)		70,781		70,781		70,781				70,781
103	CBRN DEFENSE		63,198		63,198		63,198				63,198
	BRIDGING EQUIPMENT										
104	TACTICAL BRIDGING		1,157		1,157		1,157				1,157
105	TACTICAL BRIDGE, FLOAT-RIBBON		82,228		82,228		82,228				82,228
106	BRIDGE SUPPLEMENTAL SET		4,414		4,414		4,414				4,414
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT										
110	ROBOTICS AND APPLIQUE SYSTEMS		68,893		68,893		68,893				68,893
112	FAMILY OF BOATS AND MOTORS		4,785		4,785		4,785				4,785
	COMBAT SERVICE SUPPORT EQUIPMENT										
113	HEATERS AND ECU'S		7,617		7,617		7,617				7,617
115	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)		5,356		5,356		5,356				5,356

116	GROUND SOLDIER SYSTEM		167,129		148,324		167,129		–12,867		154,262
	Excess to need				[–18,805]				[–12,867]		
117	MOBILE SOLDIER POWER		15,967		15,967		15,967				15,967
118	FORCE PROVIDER		34,200		34,200		34,200				34,200
120	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM		45,792		45,792		45,792				45,792
121	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS		12,118		12,118		12,118				12,118
	PETROLEUM EQUIPMENT										
123	QUALITY SURVEILLANCE EQUIPMENT		2,507		2,507		2,507				2,507
124	DISTRIBUTION SYSTEMS, PETROLEUM & WATER		40,989		40,989		40,989				40,989
	MEDICAL EQUIPMENT										
125	COMBAT SUPPORT MEDICAL		86,829		86,829		86,829				86,829
	MAINTENANCE EQUIPMENT										
126	MOBILE MAINTENANCE EQUIPMENT SYSTEMS		17,287		17,287		17,287				17,287
	CONSTRUCTION EQUIPMENT										
128	TRACTOR, FULL TRACKED		29,878		29,878		29,878				29,878
129	ALL TERRAIN CRANES		27,725		30,725		27,725		3,000		30,725
	FOATC Type I Cranes				[3,000]				[3,000]		
131	FAMILY OF DIVER SUPPORT EQUIPMENT		1,811		1,811		1,811				1,811
132	CONST EQUIP ESP		8,898		8,898		8,898				8,898
	RAIL FLOAT CONTAINERIZATION EQUIPMENT										
133	ARMY WATERCRAFT ESP		30,592		30,592		30,592				30,592
134	MANEUVER SUPPORT VESSEL (MSV)	4	149,449	5	191,476	4	149,449	1	42,027	5	191,476
	One additional vessel			[1]	[42,027]			[1]	[42,027]		
	GENERATORS										
136	GENERATORS AND ASSOCIATED EQUIP		78,364		78,364		78,364				78,364
137	TACTICAL ELECTRIC POWER RECAPITALIZATION		11,088		11,088		11,088				11,088
	MATERIAL HANDLING EQUIPMENT										
138	FAMILY OF FORKLIFTS		12,982		12,982		12,982				12,982
	TRAINING EQUIPMENT										
139	COMBAT TRAINING CENTERS SUPPORT		56,619		56,619		56,619				56,619
140	TRAINING DEVICES, NONSYSTEM		226,379		226,379		226,379				226,379
141	SYNTHETIC TRAINING ENVIRONMENT (STE)		234,965		213,205		234,965				234,965
	Excess to need—RVCT				[–9,534]						
	Excess to need—STE Live				[–7,226]						
	STE Live Training System				[–5,000]						
142	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING		9,698		9,698		9,698				9,698
	TEST MEASURE AND DIG EQUIPMENT (TMD)										
143	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)		36,149		36,149		36,149				36,149
144	TEST EQUIPMENT MODERNIZATION (TEMOD)		32,623		32,623		32,623				32,623
	OTHER SUPPORT EQUIPMENT										

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
145	PHYSICAL SECURITY SYSTEMS (OPA3)		132,739		132,739		132,739				132,739
146	BASE LEVEL COMMON EQUIPMENT		34,460		34,460		34,460				34,460
147	MODIFICATION OF IN-SVC EQUIPMENT (OPA–3)		35,239		35,239		35,239				35,239
148	BUILDING, PRE-FAB, RELOCATABLE		31,011		31,011		31,011				31,011
149	SPECIAL EQUIPMENT FOR TEST AND EVALUATION		52,481		52,481		52,481				52,481
	OPA2										
151	INITIAL SPARES—C&E		9,169		9,169		9,169				9,169
	TOTAL OTHER PROCUREMENT, ARMY	**4**	**8,672,979**	**5**	**8,742,030**	**4**	**8,672,979**	**1**	**52,774**	**5**	**8,725,753**
	AIRCRAFT PROCUREMENT, NAVY										
	COMBAT AIRCRAFT										
001	F/A–18E/F (FIGHTER) HORNET		41,329		41,329		41,329				41,329
002	JOINT STRIKE FIGHTER CV	19	2,410,569	19	2,382,069	19	2,410,569		–28,500	19	2,382,069
	Flyaway unit cost growth				[–28,500]				[–28,500]		
003	JOINT STRIKE FIGHTER CV AP		189,425		189,425		189,425				189,425
004	JSF STOVL	16	2,126,317	16	2,036,717	16	2,126,317		–42,666	16	2,083,651
	Flyaway unit cost growth				[–89,600]				[–42,666]		
005	JSF STOVL AP		193,125		193,125		193,125				193,125
006	CH–53K (HEAVY LIFT)	15	1,698,050	15	1,698,050	15	1,698,050			15	1,698,050
007	CH–53K (HEAVY LIFT) AP		456,567		456,567		456,567				456,567
008	V–22 (MEDIUM LIFT)		27,216		27,216		27,216	1	135,000	1	162,216
	Program increase—one additional CMV–22 aircraft							[1]	[135,000]		
009	H–1 UPGRADES (UH–1Y/AH–1Z)		4,292		4,292		4,292				4,292
010	P–8A POSEIDON		31,257	2	391,257		31,257	2	360,000	2	391,257
	Two additional aircraft			[2]	[360,000]			[2]	[360,000]		
011	E–2D ADV HAWKEYE		182,817		182,817		182,817	2	438,000	2	620,817
	Two additional aircraft							[2]	[438,000]		
	TRAINER AIRCRAFT										
013	MULTI-ENGINE TRAINING SYSTEM (METS)	26	289,141	26	289,141	26	289,141			26	289,141
	OTHER AIRCRAFT										
015	KC–130J	2	241,291	2	241,291	2	241,291			2	241,291
017	MQ–4 TRITON	2	416,010	2	416,010	2	416,010			2	416,010
019	MQ–8 UAV		1,546		1,546		1,546				1,546

021	MQ–25	3	545,697	3	346,697	3	545,697		–199,000	3	346,697
	Scheduling delays				[–199,000]				[–199,000]		
022	MQ–25 AP		50,576		37,976		50,576		–12,600		37,976
	Scheduling delays				[–12,600]				[–12,600]		
023	MARINE GROUP 5 UAS	5	89,563	5	71,663	5	89,563		–3,500	5	86,063
	Ancillary Equipment carryover								[–3,500]		
	Early to need				[–17,900]						
023A	UC–12W			2	45,000			2	45,000	2	45,000
	USMC UPL—2 additional aircraft			[2]	[45,000]			[2]	[45,000]		
	MODIFICATION OF AIRCRAFT										
024	F–18 A-D UNIQUE		116,551		116,551		116,551				116,551
025	F–18E/F AND EA–18G MODERNIZATION AND SUSTAINM		605,416		605,416		605,416				605,416
026	MARINE GROUP 5 UAS SERIES		98,063		98,063		98,063				98,063
027	AEA SYSTEMS		24,110		24,110		24,110				24,110
028	AV–8 SERIES		22,829		22,829		22,829				22,829
029	INFRARED SEARCH AND TRACK (IRST)		179,193		179,193		179,193				179,193
030	ADVERSARY		69,336		69,336		69,336				69,336
031	F–18 SERIES		640,236		640,236		640,236		–5,812		634,424
	F/A–18 C/D/E/F and EA–18G training equipment previously funded.								[–5,812]		
032	H–53 SERIES		41,414		41,414		41,414				41,414
033	MH–60 SERIES		106,495		106,495		106,495				106,495
034	H–1 SERIES		114,284		143,284		114,284		10,000		124,284
	UH–1Y—SIEPU Upgrades				[29,000]				[10,000]		
035	EP–3 SERIES		8,548		8,548		8,548				8,548
036	E–2 SERIES		183,246		183,246		183,246				183,246
037	TRAINER A/C SERIES		16,376		16,376		16,376				16,376
039	C–130 SERIES		198,220		198,220		198,220		–4,027		194,193
	Technical insertion (OSIP 019–14) Block 7 GFE unjustified growth.								[–4,027]		
040	FEWSG		651		651		651				651
041	CARGO/TRANSPORT A/C SERIES		13,930		13,930		13,930				13,930
042	E–6 SERIES		164,571		164,571		164,571				164,571
043	EXECUTIVE HELICOPTERS SERIES		60,498		60,498		60,498				60,498
044	T–45 SERIES		170,357		170,357		170,357				170,357
045	POWER PLANT CHANGES		21,079		21,079		21,079				21,079
046	JPATS SERIES		28,005		28,005		28,005				28,005
048	COMMON ECM EQUIPMENT		53,614		53,614		53,614				53,614
049	COMMON AVIONICS CHANGES		136,199		136,199		136,199				136,199
050	COMMON DEFENSIVE WEAPON SYSTEM		6,585		6,585		6,585				6,585

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
051	ID SYSTEMS		13,085		13,085		13,085				13,085
052	P–8 SERIES		316,168		316,168		316,168				316,168
053	MAGTF EW FOR AVIATION		24,901		24,901		24,901				24,901
054	MQ–8 SERIES		14,700		14,700		14,700				14,700
055	V–22 (TILT/ROTOR ACFT) OSPREY		215,997		226,887		215,997		10,890		226,887
	V–22 Nacelle Improvement				[10,890]				[10,890]		
056	NEXT GENERATION JAMMER (NGJ)		426,396		426,396		426,396		–2,520		423,876
	Contract savings								[–2,520]		
057	F–35 STOVL SERIES		311,921		311,921		311,921				311,921
058	F–35 CV SERIES		166,909		166,909		166,909				166,909
059	QRC		28,206		28,206		28,206				28,206
060	MQ–4 SERIES		93,951		93,951		93,951		–3,788		90,163
	OSIP (003–23) previously funded								[–3,788]		
	AIRCRAFT SPARES AND REPAIR PARTS										
062	SPARES AND REPAIR PARTS		2,451,244		2,451,244		2,451,244				2,451,244
	AIRCRAFT SUPPORT EQUIP & FACILITIES										
063	COMMON GROUND EQUIPMENT		566,156		561,156		566,156		–5,000		561,156
	Program decrease				[–5,000]				[–5,000]		
064	AIRCRAFT INDUSTRIAL FACILITIES		133,815		133,815		133,815				133,815
065	WAR CONSUMABLES		44,632		44,632		44,632				44,632
066	OTHER PRODUCTION CHARGES		49,907		49,907		49,907				49,907
067	SPECIAL SUPPORT EQUIPMENT		404,178		384,778		404,178		–19,328		384,850
	Flyaway unit cost growth				[–19,400]				[–19,328]		
	TOTAL AIRCRAFT PROCUREMENT, NAVY	**88**	**17,336,760**	**92**	**17,409,650**	**88**	**17,336,760**	**7**	**672,149**	**95**	**18,008,909**
	WEAPONS PROCUREMENT, NAVY										
	BALLISTIC MISSILES										
001	CONVENTIONAL PROMPT STRIKE	8	341,434	8	341,434	8	341,434		–85,358	8	256,076
	Early to need								[–85,358]		
	MODIFICATION OF MISSILES										
002	TRIDENT II MODS		1,284,705		1,284,705		1,284,705				1,284,705
	SUPPORT EQUIPMENT & FACILITIES										
003	MISSILE INDUSTRIAL FACILITIES		7,954		7,954		7,954				7,954

	STRATEGIC MISSILES									
004	TOMAHAWK		72,908		72,908		72,908			72,908
	TACTICAL MISSILES									
005	AMRAAM	374	439,153	374	439,153	374	439,153		374	439,153
006	SIDEWINDER	147	78,165	147	78,165	147	78,165	–2,859	147	75,306
	AUR Block II unit cost increase							[–2,859]		
007	STANDARD MISSILE	125	969,525	125	1,049,325	125	969,525		125	969,525
	INDOPACOM UPL—Standard Missile 1B Variant				[79,800]					
008	STANDARD MISSILE AP		227,320		227,320		227,320			227,320
009	SMALL DIAMETER BOMB II	250	65,863	250	65,863	250	65,863	–1,366	250	64,497
	AUR unit cost growth							[–1,366]		
010	RAM	120	114,896	120	114,896	120	114,896		120	114,896
011	JOINT AIR GROUND MISSILE (JAGM)	264	79,292	264	79,292	264	79,292		264	79,292
012	HELLFIRE	40	6,923	40	6,923	40	6,923		40	6,923
013	AERIAL TARGETS		176,588		176,588		176,588			176,588
014	OTHER MISSILE SUPPORT		3,687		3,687		3,687			3,687
015	LRASM	91	639,636	91	639,636	91	639,636		91	639,636
016	NAVAL STRIKE MISSILE (NSM)	13	29,925	13	29,925	13	29,925		13	29,925
017	NAVAL STRIKE MISSILE (NSM) AP		5,755		5,755		5,755			5,755
	MODIFICATION OF MISSILES									
018	TOMAHAWK MODS		540,944		540,944		540,944	–32,489		508,455
	Contract award delays							[–32,489]		
019	ESSM	147	290,129	147	290,129	147	290,129		147	290,129
020	AARGM-ER	83	162,429	83	162,429	83	162,429		83	162,429
021	AARGM-ER AP		33,273		33,273		33,273			33,273
022	STANDARD MISSILES MODS		89,255		89,255		89,255			89,255
	SUPPORT EQUIPMENT & FACILITIES									
023	WEAPONS INDUSTRIAL FACILITIES		2,037		2,037		2,037			2,037
	ORDNANCE SUPPORT EQUIPMENT									
025	ORDNANCE SUPPORT EQUIPMENT		208,154		208,154		208,154			208,154
	TORPEDOES AND RELATED EQUIP									
026	SSTD		4,830		4,830		4,830			4,830
027	MK–48 TORPEDO	78	308,497	78	351,589	78	308,497		78	308,497
	Program increase				[43,092]					
028	ASW TARGETS		14,817		14,817		14,817			14,817
	MOD OF TORPEDOES AND RELATED EQUIP									
029	MK–54 TORPEDO MODS		104,086		104,086		104,086			104,086
030	MK–48 TORPEDO ADCAP MODS		20,714		20,714		20,714			20,714
031	MARITIME MINES		58,800		83,800		58,800			58,800
	INDOPACOM UPL—Hammerhead Mine				[25,000]					

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	SUPPORT EQUIPMENT										
032	TORPEDO SUPPORT EQUIPMENT		133,187		133,187		133,187				133,187
033	ASW RANGE SUPPORT		4,146		4,146		4,146				4,146
	DESTINATION TRANSPORTATION										
034	FIRST DESTINATION TRANSPORTATION		5,811		5,811		5,811				5,811
	GUNS AND GUN MOUNTS										
035	SMALL ARMS AND WEAPONS		14,165		14,165		14,165				14,165
	MODIFICATION OF GUNS AND GUN MOUNTS										
036	CIWS MODS		4,088		4,088		4,088				4,088
037	COAST GUARD WEAPONS		55,172		55,172		55,172				55,172
038	GUN MOUNT MODS		82,682		82,682		82,682				82,682
039	LCS MODULE WEAPONS	18	3,264	18	3,264	18	3,264			18	3,264
040	AIRBORNE MINE NEUTRALIZATION SYSTEMS		14,357		14,357		14,357				14,357
	SPARES AND REPAIR PARTS										
042	SPARES AND REPAIR PARTS		177,819		177,819		177,819				177,819
	TOTAL WEAPONS PROCUREMENT, NAVY	**1,758**	**6,876,385**	**1,758**	**7,024,277**	**1,758**	**6,876,385**		**–122,072**	**1,758**	**6,754,313**
	PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS										
	NAVY AMMUNITION										
001	GENERAL PURPOSE BOMBS		43,519		43,519		43,519		–4,626		38,893
	02181 laser guided bombs contract award delay								[–4,626]		
002	JDAM	1,464	73,689	1,464	73,689	1,464	73,689			1,464	73,689
003	AIRBORNE ROCKETS, ALL TYPES		67,423		67,423		67,423		–5,195		62,228
	MK 66 rocket motor unit cost growth								[–5,195]		
004	MACHINE GUN AMMUNITION		11,862		11,862		11,862				11,862
005	PRACTICE BOMBS		52,481		52,481		52,481		–6,156		46,325
	01050 BLU–109 contract award delay								[–6,156]		
006	CARTRIDGES & CART ACTUATED DEVICES		72,426		72,426		72,426				72,426
007	AIR EXPENDABLE COUNTERMEASURES		104,529		104,529		104,529				104,529
008	JATOS		7,433		7,433		7,433				7,433
009	5 INCH/54 GUN AMMUNITION		30,871		30,871		30,871		–5,030		25,841
	Insufficient justification								[–5,030]		
010	INTERMEDIATE CALIBER GUN AMMUNITION		41,261		41,261		41,261				41,261

011	OTHER SHIP GUN AMMUNITION		44,044		44,044		44,044			44,044
012	SMALL ARMS & LANDING PARTY AMMO		48,478		48,478		48,478			48,478
013	PYROTECHNIC AND DEMOLITION		9,521		9,521		9,521			9,521
014	AMMUNITION LESS THAN $5 MILLION		1,679		1,679		1,679			1,679
015	EXPEDITIONARY LOITERING MUNITIONS		249,575		324,575		249,575	50,000		299,575
	Goalkeeper				[75,000]			[50,000]		
	MARINE CORPS AMMUNITION									
016	MORTARS		61,274		61,274		61,274			61,274
017	DIRECT SUPPORT MUNITIONS		73,338		73,338		73,338			73,338
018	INFANTRY WEAPONS AMMUNITION		178,240		178,240		178,240	–1,985		176,255
	AB39, CTG. 7.62 millimeter MK 316 mod contract award delay.							[–602]		
	Excess to need: Cartridge, caliber 50 4 API M8/1 API–T M20 linked.							[–157]		
	Excess to need: Cartridge, Caliber 50 Linked MK322 Mod 1/Ball (1000m cap).							[–1,226]		
019	COMBAT SUPPORT MUNITIONS		15,897		15,897		15,897			15,897
020	AMMO MODERNIZATION		17,941		17,941		17,941			17,941
021	ARTILLERY MUNITIONS		82,452		82,452		82,452			82,452
022	ITEMS LESS THAN $5 MILLION		5,340		5,340		5,340			5,340
	TOTAL PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS.	**1,464**	**1,293,273**	**1,464**	**1,368,273**	**1,464**	**1,293,273**	**27,008**	**1,464**	**1,320,281**
	SHIPBUILDING AND CONVERSION, NAVY									
	FLEET BALLISTIC MISSILE SHIPS									
001	OHIO REPLACEMENT SUBMARINE	1	2,443,598	1	2,531,598	1	2,443,598		1	2,443,598
	Submarine industrial base				[88,000]					
002	OHIO REPLACEMENT SUBMARINE AP		3,390,734		3,390,734		3,390,734			3,390,734
	OTHER WARSHIPS									
003	CARRIER REPLACEMENT PROGRAM		1,115,296		1,275,296		1,115,296			1,115,296
	Navy UPL—CVN 75 and CVN 80 SEWIP BLK III				[160,000]					
004	CVN–81		800,492		800,492		800,492			800,492
005	VIRGINIA CLASS SUBMARINE	2	7,129,965	2	7,129,965	2	7,129,965		2	7,129,965
006	VIRGINIA CLASS SUBMARINE AP		3,215,539		2,890,439		3,215,539			3,215,539
	Early to need				[–325,100]					
008	CVN REFUELING OVERHAULS AP		817,646		817,646		817,646	–14,658		802,988
	Excess growth							[–14,658]		
009	DDG 1000		410,400		410,400		410,400			410,400
010	DDG–51	2	4,199,179	2	4,199,179	2	4,199,179		2	4,199,179
011	DDG–51 AP		284,035		439,035		284,035	500,000		784,035

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Explosion welding				[5,000]						
	Program increase				[150,000]				[500,000]		
013	FFG-FRIGATE	2	2,173,698	2	2,163,698	2	2,173,698		–10,000	2	2,163,698
	Insufficient justification				[–10,000]				[–10,000]		
	AMPHIBIOUS SHIPS										
014	LPD FLIGHT II					1	1,863,000		1,000,000		1,000,000
	Program increase for LPD–33—USMC UFR					[1]	[1,863,000]		[1,000,000]		
016	LPD–17			1	750,000						
	LPD–33			[1]	[750,000]						
018	LHA REPLACEMENT		1,830,149		1,830,149		1,830,149				1,830,149
020	EXPEDITIONARY FAST TRANSPORT (EPF)				5,000						
	Expeditionary Medical Ship long-lead time material (LLTM).				[5,000]						
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST										
021	AS SUBMARINE TENDER	1	1,733,234	1	248,000	1	1,733,234		–1,485,234	1	248,000
	Late contract award				[–1,485,234]				[–1,485,234]		
022	TAO FLEET OILER	1	815,420	1	815,420	1	815,420			1	815,420
025	LCU 1700	2	62,532	2	62,532	2	62,532			2	62,532
026	OUTFITTING		557,365		557,365		557,365		–17,684		539,681
	Outfitting early to need								[–17,684]		
028	SERVICE CRAFT		63,815		93,815		63,815		30,000		93,815
	Yard, Repair, Berthing, and Messing Barge				[30,000]				[30,000]		
029	AUXILIARY PERSONNEL LIGHTER			1	72,000	1	72,000		72,000		72,000
	Additional APL–67 class berthing barge					[1]	[72,000]		[72,000]		
	Auxiliary Personnel Lighter			[1]	[72,000]						
030	LCAC SLEP	1	15,286	1	15,286	1	15,286			1	15,286
031	AUXILIARY VESSELS (USED SEALIFT)	2	142,008	2	142,008	2	142,008			2	142,008
032	COMPLETION OF PY SHIPBUILDING PROGRAMS		1,648,559		1,648,559		1,648,559				1,648,559
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	**14**	**32,848,950**	**16**	**32,288,616**	**16**	**34,783,950**		**74,424**	**14**	**32,923,374**
	OTHER PROCUREMENT, NAVY										
	SHIP PROPULSION EQUIPMENT										
001	SURFACE POWER EQUIPMENT		14,003		14,003		14,003				14,003

	GENERATORS								
002	SURFACE COMBATANT HM&E	105,441		105,441	105,441		–5,341		100,100
	DDG 51 ship control system cost growth						[–5,341]		
	NAVIGATION EQUIPMENT								
003	OTHER NAVIGATION EQUIPMENT	110,286		110,286	110,286				110,286
	OTHER SHIPBOARD EQUIPMENT								
004	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	262,951		262,951	262,951				262,951
005	DDG MOD	628,532		638,532	628,532		9,000		637,532
	Navy Common Actuator			[10,000]			[9,000]		
006	FIREFIGHTING EQUIPMENT	34,782		34,782	34,782				34,782
007	COMMAND AND CONTROL SWITCHBOARD	2,458		2,458	2,458				2,458
008	LHA/LHD MIDLIFE	104,369		104,369	104,369				104,369
009	LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	10,529		10,529	10,529				10,529
010	POLLUTION CONTROL EQUIPMENT	23,272		23,272	23,272				23,272
011	SUBMARINE SUPPORT EQUIPMENT	112,526		112,526	112,526				112,526
012	VIRGINIA CLASS SUPPORT EQUIPMENT	32,076		32,076	32,076				32,076
013	LCS CLASS SUPPORT EQUIPMENT	18,832		18,832	18,832				18,832
014	SUBMARINE BATTERIES	28,221		28,221	28,221				28,221
015	LPD CLASS SUPPORT EQUIPMENT	91,890		91,890	91,890		–6,616		85,274
	HWISW obsolescence installation cost growth						[–6,616]		
016	DDG 1000 CLASS SUPPORT EQUIPMENT	232,124		294,024	232,124		61,900		294,024
	Navy UPL			[61,900]			[61,900]		
017	STRATEGIC PLATFORM SUPPORT EQUIP	25,058		25,058	25,058				25,058
018	DSSP EQUIPMENT	4,623		4,623	4,623				4,623
020	LCAC	10,794		10,794	10,794				10,794
021	UNDERWATER EOD EQUIPMENT	19,549		19,549	19,549				19,549
022	ITEMS LESS THAN $5 MILLION	86,001		86,001	86,001				86,001
023	CHEMICAL WARFARE DETECTORS	3,288		3,288	3,288				3,288
	REACTOR PLANT EQUIPMENT								
024	SHIP MAINTENANCE, REPAIR AND MODERNIZATION	2,746,313		2,746,313	2,746,313				2,746,313
025	REACTOR POWER UNITS	2,016		2,016	2,016				2,016
026	REACTOR COMPONENTS	390,148		390,148	390,148				390,148
	OCEAN ENGINEERING								
027	DIVING AND SALVAGE EQUIPMENT	18,086		18,086	18,086				18,086
	SMALL BOATS								
028	STANDARD BOATS	74,963	7	86,963	74,963	5	9,000	5	83,963
	40-foot Patrol Boats		[7]	[12,000]		[5]	[9,000]		
	PRODUCTION FACILITIES EQUIPMENT								
029	OPERATING FORCES IPE	187,495		187,495	187,495				187,495
	OTHER SHIP SUPPORT								

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
030	LCS COMMON MISSION MODULES EQUIPMENT		49,060		19,060		49,060				49,060
	Excess to need				[–30,000]						
031	LCS MCM MISSION MODULES		93,961		58,961		93,961		–14,291		79,670
	Excess to need				[–35,000]				[–14,291]		
033	LCS SUW MISSION MODULES		12,102		12,102		12,102				12,102
034	LCS IN-SERVICE MODERNIZATION		171,704		146,704		171,704		–17,030		154,674
	Excessive cost growth				[–25,000]				[–17,030]		
035	SMALL & MEDIUM UUV		61,951		51,951		61,951				61,951
	Late contract award—Razorback				[–5,000]						
	Late execution—Viperfish				[–5,000]						
	LOGISTIC SUPPORT										
036	LSD MIDLIFE & MODERNIZATION		7,594		7,594		7,594				7,594
	SHIP SONARS										
037	SPQ–9B RADAR		7,267		7,267		7,267				7,267
038	AN/SQQ–89 SURF ASW COMBAT SYSTEM		138,065		138,065		138,065				138,065
039	SSN ACOUSTIC EQUIPMENT		463,577		453,577		463,577				463,577
	Excessive cost growth				[–10,000]						
040	UNDERSEA WARFARE SUPPORT EQUIPMENT		23,452		23,452		23,452				23,452
	ASW ELECTRONIC EQUIPMENT										
041	SUBMARINE ACOUSTIC WARFARE SYSTEM		46,726		46,726		46,726				46,726
042	SSTD		14,560		14,560		14,560				14,560
043	FIXED SURVEILLANCE SYSTEM		420,069		420,069		420,069				420,069
044	SURTASS		33,910		33,910		33,910				33,910
	ELECTRONIC WARFARE EQUIPMENT										
045	AN/SLQ–32		329,513		329,513		329,513				329,513
	RECONNAISSANCE EQUIPMENT										
046	SHIPBOARD IW EXPLOIT		379,230		354,230		379,230		–16,925		362,305
	Excessive cost growth				[–15,000]				[–16,925]		
	Program decrease				[–10,000]						
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)		4,082		4,082		4,082				4,082
	OTHER SHIP ELECTRONIC EQUIPMENT										
048	COOPERATIVE ENGAGEMENT CAPABILITY		37,677		37,677		37,677				37,677
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)		15,374		15,374		15,374				15,374

050	ATDLS	50,148	50,148	50,148		50,148
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,918	3,918	3,918		3,918
052	MINESWEEPING SYSTEM REPLACEMENT	16,814	16,814	16,814		16,814
054	NAVSTAR GPS RECEIVERS (SPACE)	37,319	37,319	37,319		37,319
055	AMERICAN FORCES RADIO AND TV SERVICE	2,750	2,750	2,750		2,750
056	STRATEGIC PLATFORM SUPPORT EQUIP	6,437	6,437	6,437		6,437
	AVIATION ELECTRONIC EQUIPMENT					
057	ASHORE ATC EQUIPMENT	89,237	89,237	89,237		89,237
058	AFLOAT ATC EQUIPMENT	90,487	85,487	90,487	–2,118	88,369
	Excessive cost growth		[–5,000]		[–2,118]	
059	ID SYSTEMS	59,234	59,234	59,234		59,234
060	JOINT PRECISION APPROACH AND LANDING SYSTEM	3,343	3,343	3,343		3,343
061	NAVAL MISSION PLANNING SYSTEMS	39,180	39,180	39,180		39,180
	OTHER SHORE ELECTRONIC EQUIPMENT					
062	MARITIME INTEGRATED BROADCAST SYSTEM	6,994	6,994	6,994		6,994
063	TACTICAL/MOBILE C4I SYSTEMS	52,026	52,026	52,026		52,026
064	DCGS-N	16,579	16,579	16,579		16,579
065	CANES	467,587	472,587	467,587		467,587
	Program increase		[5,000]			
066	RADIAC	16,475	16,475	16,475		16,475
067	CANES-INTELL	48,207	48,207	48,207		48,207
068	GPETE	25,761	25,761	25,761		25,761
069	MASF	16,475	16,475	16,475		16,475
070	INTEG COMBAT SYSTEM TEST FACILITY	6,345	6,345	6,345		6,345
071	EMI CONTROL INSTRUMENTATION	4,282	4,282	4,282		4,282
073	IN-SERVICE RADARS AND SENSORS	255,256	240,256	255,256	–15,000	240,256
	Insufficient justification		[–15,000]		[–15,000]	
	SHIPBOARD COMMUNICATIONS					
074	BATTLE FORCE TACTICAL NETWORK	74,180	74,180	74,180		74,180
075	SHIPBOARD TACTICAL COMMUNICATIONS	29,776	29,776	29,776		29,776
076	SHIP COMMUNICATIONS AUTOMATION	96,916	96,916	96,916		96,916
077	COMMUNICATIONS ITEMS UNDER $5M	14,107	14,107	14,107		14,107
	SUBMARINE COMMUNICATIONS					
078	SUBMARINE BROADCAST SUPPORT	73,791	74,991	73,791		73,791
	Navy UPL—VIOLET		[1,200]			
079	SUBMARINE COMMUNICATION EQUIPMENT	83,178	83,178	83,178		83,178
	SATELLITE COMMUNICATIONS					
080	SATELLITE COMMUNICATIONS SYSTEMS	72,871	72,871	72,871		72,871
081	NAVY MULTIBAND TERMINAL (NMT)	37,921	37,921	37,921		37,921
	SHORE COMMUNICATIONS					

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
082	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)		5,065		5,065		5,065				5,065
	CRYPTOGRAPHIC EQUIPMENT										
083	INFO SYSTEMS SECURITY PROGRAM (ISSP)		154,890		154,890		154,890				154,890
084	MIO INTEL EXPLOITATION TEAM		1,079		1,079		1,079				1,079
	CRYPTOLOGIC EQUIPMENT										
085	CRYPTOLOGIC COMMUNICATIONS EQUIP		17,483		17,483		17,483				17,483
	OTHER ELECTRONIC SUPPORT										
086	COAST GUARD EQUIPMENT		77,458		77,458		77,458				77,458
	SONOBUOYS										
088	SONOBUOYS—ALL TYPES		311,177		321,177		311,177				311,177
	Increase industrial capacity				[10,000]						
	AIRCRAFT SUPPORT EQUIPMENT										
089	MINOTAUR		5,396		5,396		5,396				5,396
090	WEAPONS RANGE SUPPORT EQUIPMENT		147,556		147,556		147,556				147,556
091	AIRCRAFT SUPPORT EQUIPMENT		162,273		162,273		162,273				162,273
092	ADVANCED ARRESTING GEAR (AAG)		11,930		11,930		11,930				11,930
093	ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM (EMALS		17,836		17,836		17,836				17,836
094	METEOROLOGICAL EQUIPMENT		19,703		19,703		19,703				19,703
095	LEGACY AIRBORNE MCM		12,202		12,202		12,202				12,202
097	AVIATION SUPPORT EQUIPMENT		82,115		82,115		82,115				82,115
098	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL		152,687		152,687		152,687				152,687
099	ARCHITECT & CAP FOR AUTONOMY IN NAV ENTER		1,612		1,612		1,612				1,612
	SHIP GUN SYSTEM EQUIPMENT										
100	SHIP GUN SYSTEMS EQUIPMENT		6,404		6,404		6,404				6,404
	SHIP MISSILE SYSTEMS EQUIPMENT										
101	HARPOON SUPPORT EQUIPMENT		227		227		227				227
102	SHIP MISSILE SUPPORT EQUIPMENT		294,511		294,511		294,511				294,511
103	TOMAHAWK SUPPORT EQUIPMENT		92,432		92,432		92,432				92,432
	FBM SUPPORT EQUIPMENT										
104	STRATEGIC MISSILE SYSTEMS EQUIP		325,318		325,318		325,318				325,318
	ASW SUPPORT EQUIPMENT										
105	SSN COMBAT CONTROL SYSTEMS		133,063		133,063		133,063				133,063
106	ASW SUPPORT EQUIPMENT		27,469		27,469		27,469				27,469

	OTHER ORDNANCE SUPPORT EQUIPMENT				
107	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	27,864	27,864	27,864	27,864
108	ITEMS LESS THAN $5 MILLION	6,171	6,171	6,171	6,171
	OTHER EXPENDABLE ORDNANCE				
109	ANTI-SHIP MISSILE DECOY SYSTEM	56,630	61,130	56,630	56,630
	CONUS-Based Repair, Refurbishment and Production of NULKA Decoy Canisters.		[4,500]		
110	SUBMARINE TRAINING DEVICE MODS	76,954	76,954	76,954	76,954
111	SURFACE TRAINING EQUIPMENT	209,487	209,487	209,487	209,487
	CIVIL ENGINEERING SUPPORT EQUIPMENT				
112	PASSENGER CARRYING VEHICLES	3,827	3,827	3,827	3,827
113	GENERAL PURPOSE TRUCKS	4,570	4,570	4,570	4,570
114	CONSTRUCTION & MAINTENANCE EQUIP	56,829	56,829	56,829	56,829
115	FIRE FIGHTING EQUIPMENT	16,583	16,583	16,583	16,583
116	TACTICAL VEHICLES	24,236	24,236	24,236	24,236
117	AMPHIBIOUS EQUIPMENT	4,504	4,504	4,504	4,504
118	POLLUTION CONTROL EQUIPMENT	3,898	3,898	3,898	3,898
119	ITEMS LESS THAN $5 MILLION	67,286	67,286	67,286	67,286
120	PHYSICAL SECURITY VEHICLES	1,286	1,286	1,286	1,286
	SUPPLY SUPPORT EQUIPMENT				
121	SUPPLY EQUIPMENT	33,258	33,258	33,258	33,258
122	FIRST DESTINATION TRANSPORTATION	6,977	6,977	6,977	6,977
123	SPECIAL PURPOSE SUPPLY SYSTEMS	659,529	655,863	659,529	659,529
	Program decrease		[–3,666]		
	TRAINING DEVICES				
124	TRAINING SUPPORT EQUIPMENT	2,083	2,083	2,083	2,083
125	TRAINING AND EDUCATION EQUIPMENT	106,542	66,542	106,542	106,542
	Excessive cost growth		[–25,000]		
	Program decrease		[–15,000]		
	COMMAND SUPPORT EQUIPMENT				
126	COMMAND SUPPORT EQUIPMENT	44,448	81,348	44,448	44,448
	AFRICOM UPL—Somalia Persistent Presence		[36,900]		
127	MEDICAL SUPPORT EQUIPMENT	12,529	12,529	12,529	12,529
129	NAVAL MIP SUPPORT EQUIPMENT	5,408	5,408	5,408	5,408
130	OPERATING FORCES SUPPORT EQUIPMENT	12,105	12,105	12,105	12,105
131	C4ISR EQUIPMENT	7,670	7,670	7,670	7,670
132	ENVIRONMENTAL SUPPORT EQUIPMENT	52,597	42,597	52,597	52,597
	Excessive cost growth		[–10,000]		
133	PHYSICAL SECURITY EQUIPMENT	108,901	108,901	108,901	108,901
134	ENTERPRISE INFORMATION TECHNOLOGY	42,154	42,154	42,154	42,154

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	OTHER										
139	NEXT GENERATION ENTERPRISE SERVICE		177,585		177,585		177,585				177,585
140	CYBERSPACE ACTIVITIES		23,176		23,176		23,176				23,176
	CLASSIFIED PROGRAMS										
143A	CLASSIFIED PROGRAMS		16,290		27,790		16,290		1,700		17,990
	Program increase				[11,500]				[1,700]		
	SPARES AND REPAIR PARTS										
142	SPARES AND REPAIR PARTS		645,900		625,900		645,900				645,900
	Program decrease				[–20,000]						
143	VIRGINIA CLASS (VACL) SPARES AND REPAIR PARTS		470,000		470,000		470,000				470,000
	UNDISTRIBUTED										
144	UNDISTRIBUTED				–26,000						
	Decommission CG–69 USS Vicksburg				[–56,000]						
	Restore CG–63 USS Cowpens				[30,000]						
	TOTAL OTHER PROCUREMENT, NAVY		**14,535,257**	**7**	**14,433,591**		**14,535,257**	**5**	**4,279**	**5**	**14,539,536**
	PROCUREMENT, MARINE CORPS										
	TRACKED COMBAT VEHICLES										
001	AAV7A1 PIP		3,353		3,353		3,353				3,353
002	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	80	557,564	80	552,464	80	557,564		–3,500	80	554,064
	Unjustified growth—Program Management				[–5,100]				[–3,500]		
003	LAV PIP		42,052		42,052		42,052				42,052
	ARTILLERY AND OTHER WEAPONS										
004	155MM LIGHTWEIGHT TOWED HOWITZER		489		489		489				489
005	ARTILLERY WEAPONS SYSTEM		165,268		165,268		165,268				165,268
006	WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION		14,004		14,004		14,004				14,004
	GUIDED MISSILES										
007	TOMAHAWK	34	105,192	34	105,192	34	105,192			34	105,192
008	NAVAL STRIKE MISSILE (NSM)	90	169,726	90	169,726	90	169,726			90	169,726
009	NAVAL STRIKE MISSILE (NSM) AP		39,244		39,244		39,244				39,244
010	GROUND BASED AIR DEFENSE		249,103		249,103		253,603		4,500		253,603
	Program increase						[4,500]		[4,500]		
011	ANTI-ARMOR MISSILE-JAVELIN		54,883		54,883		54,883				54,883

012	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)		23,627		23,627		23,627		23,627
013	ANTI-ARMOR MISSILE-TOW		2,007		2,007		2,007		2,007
014	GUIDED MLRS ROCKET (GMLRS)	48	8,867	48	8,867	48	8,867	48	8,867
	COMMAND AND CONTROL SYSTEMS								
015	COMMON AVIATION COMMAND AND CONTROL SYSTEM		75,382		69,482		75,382	–2,474	72,908
	Unjustified fielding growth				[–5,900]			[–2,474]	
	REPAIR AND TEST EQUIPMENT								
016	REPAIR AND TEST EQUIPMENT		53,590		53,590		53,590		53,590
	OTHER SUPPORT (TEL)								
017	MODIFICATION KITS		1,782		1,782		1,782		1,782
	COMMAND AND CONTROL SYSTEM (NON-TEL)								
018	ITEMS UNDER $5 MILLION (COMM & ELEC)		122,917		122,917		122,917	–4,879	118,038
	SBNVG unit cost growth							[–4,879]	
019	AIR OPERATIONS C2 SYSTEMS		23,744		23,744		23,744		23,744
	RADAR + EQUIPMENT (NON-TEL)								
020	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)		66,291		66,291		66,291		66,291
	INTELL/COMM EQUIPMENT (NON-TEL)								
021	ELECTRO MAGNETIC SPECTRUM OPERATIONS (EMSO)		177,270		177,270		177,270		177,270
022	GCSS-MC		4,144		4,144		4,144		4,144
023	FIRE SUPPORT SYSTEM		58,483		58,483		58,483		58,483
024	INTELLIGENCE SUPPORT EQUIPMENT		148,062		150,062		148,062		148,062
	Marine Innovation Unit				[2,000]				
026	UNMANNED AIR SYSTEMS (INTEL)		52,273		52,273		52,273	–3,364	48,909
	Unit cost growth							[–3,364]	
027	DCGS-MC		68,289		73,389		68,289	5,100	73,389
	USMC UPL #5				[5,100]			[5,100]	
028	UAS PAYLOADS		19,088		19,088		19,088		19,088
	OTHER SUPPORT (NON-TEL)								
031	EXPEDITIONARY SUPPORT EQUIPMENT		2,010		2,010		2,010		2,010
032	MARINE CORPS ENTERPRISE NETWORK (MCEN)		259,044		259,044		259,044	–14,565	244,479
	Network transport excess growth							[–14,565]	
033	COMMON COMPUTER RESOURCES		27,966		27,966		27,966		27,966
034	COMMAND POST SYSTEMS		71,109		71,109		71,109	–1,958	69,151
	Unit cost growth							[–1,958]	
035	RADIO SYSTEMS		544,059		544,059		544,059	–39,732	504,327
	Unexecutable growth							[–39,732]	
036	COMM SWITCHING & CONTROL SYSTEMS		46,276		46,276		46,276		46,276
037	COMM & ELEC INFRASTRUCTURE SUPPORT		27,111		27,111		27,111		27,111
038	CYBERSPACE ACTIVITIES		27,583		27,583		27,583		27,583
040	UNMANNED EXPEDITIONARY SYSTEMS		13,564		13,564		13,564		13,564

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

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		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	CLASSIFIED PROGRAMS										
057A	CLASSIFIED PROGRAMS		2,799		2,799		2,799				2,799
	ADMINISTRATIVE VEHICLES										
043	COMMERCIAL CARGO VEHICLES		34,169		34,169		34,169				34,169
	TACTICAL VEHICLES										
044	MOTOR TRANSPORT MODIFICATIONS		17,299		17,299		17,299				17,299
045	JOINT LIGHT TACTICAL VEHICLE	396	232,501	396	233,501	396	232,501			396	232,501
	Vehicle safety data recorders with predictive logistics for weapons and vehicles.				[1,000]						
046	TRAILERS		2,034		2,034		2,034				2,034
	ENGINEER AND OTHER EQUIPMENT										
047	TACTICAL FUEL SYSTEMS		12,956		12,956		12,956				12,956
048	POWER EQUIPMENT ASSORTED		28,899		28,899		28,899				28,899
049	AMPHIBIOUS SUPPORT EQUIPMENT		15,691		15,691		15,691				15,691
050	EOD SYSTEMS		41,200		41,200		41,200				41,200
	MATERIALS HANDLING EQUIPMENT										
051	PHYSICAL SECURITY EQUIPMENT		53,949		53,949		53,949				53,949
	GENERAL PROPERTY										
052	FIELD MEDICAL EQUIPMENT		5,457		5,457		5,457				5,457
053	TRAINING DEVICES		96,577		96,577		96,577				96,577
054	FAMILY OF CONSTRUCTION EQUIPMENT		29,883		29,883		29,883				29,883
055	ULTRA-LIGHT TACTICAL VEHICLE (ULTV)		17,034		17,034		17,034				17,034
	OTHER SUPPORT										
056	ITEMS LESS THAN $5 MILLION		27,691		27,691		27,691				27,691
	SPARES AND REPAIR PARTS										
057	SPARES AND REPAIR PARTS		35,657		35,657		35,657				35,657
	TOTAL PROCUREMENT, MARINE CORPS	**648**	**3,979,212**	**648**	**3,976,312**	**648**	**3,983,712**		**–60,872**	**648**	**3,918,340**
	AIRCRAFT PROCUREMENT, AIR FORCE										
	STRATEGIC OFFENSIVE										
001	B–21 RAIDER		1,617,093		1,617,093		1,617,093				1,617,093
002	B–21 RAIDER AP		708,000		708,000		708,000				708,000
	TACTICAL FORCES										

003	F–35	48	4,877,121	48	4,752,321	48	4,877,121		–103,740	48	4,773,381
	Flyaway unit cost growth				[–124,800]				[–103,740]		
004	F–35 AP		402,000		402,000		402,000				402,000
005	F–15EX	24	2,670,039	24	2,469,591	24	2,469,591		–227,178	24	2,442,861
	DAF requested realignment of funds						[–200,448]				
	Other support costs unjustified growth								[–26,730]		
	Technical realignment				[–200,448]				[–200,448]		
006	F–15EX AP		228,000		350,600		228,000				228,000
	FY25 6 additional aircraft				[92,000]						
	Program increase				[30,600]						
	TACTICAL AIRLIFT										
007	KC–46A MDAP	15	2,882,590	15	2,882,590	15	2,882,590		–47,571	15	2,835,019
	Commodities activation excess to need								[–41,000]		
	Cost overestimation: Other government costs								[–6,571]		
	OTHER AIRLIFT										
008	C–130J		34,921		34,921		34,921				34,921
	HELICOPTERS										
011	MH–139A	7	228,807	7	228,807	7	228,807			7	228,807
012	COMBAT RESCUE HELICOPTER		282,533		282,533		282,533	2	97,216	2	379,749
	Obsolesence ahead of need								[–22,784]		
	Program increase—two aircraft							[2]	[120,000]		
	MISSION SUPPORT AIRCRAFT										
013	CIVIL AIR PATROL A/C		3,013		11,900		3,013		8,887		11,900
	Program increase				[8,887]				[8,887]		
	OTHER AIRCRAFT										
015	TARGET DRONES	20	42,226	20	42,226	20	42,226			20	42,226
017	E–11 BACN/HAG	1	67,367	1	67,367	1	67,367			1	67,367
	STRATEGIC AIRCRAFT										
019	B–2A		107,980		107,980		107,980		–3,600		104,380
	Excess to need: IFF transponder								[–3,600]		
020	B–1B		12,757		9,782		9,782		–2,975		9,782
	DAF requested realignment of funds						[–2,975]				
	Technical realignment				[–2,975]				[–2,975]		
021	B–52		65,815		51,798		51,798		–17,216		48,599
	Cost overestimation: Tactical data links program support.								[–3,199]		
	DAF requested realignment of funds						[–14,017]				
	Technical realignment				[–14,017]				[–14,017]		
022	LARGE AIRCRAFT INFRARED COUNTERMEASURES		21,723		21,723		21,723				21,723
	TACTICAL AIRCRAFT										

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
024	E–11 BACN/HAG		58,923		58,923		58,923				58,923
025	F–15		34,830		155,278		155,278		120,448		155,278
	DAF requested realignment of funds						[120,448]				
	Technical realignment				[120,448]				[120,448]		
026	F–16		297,342		397,342		297,342		63,401		360,743
	Comms suite upgrade installation delays								[–5,454]		
	Comms suite upgrade kits previously funded								[–5,705]		
	IVEWS restoration				[100,000]				[100,000]		
	SLEP costs previously funded								[–25,440]		
027	F–22A		794,676		794,676		794,676		–434,997		359,679
	Sensor enhancement delays								[–434,997]		
028	F–35 MODIFICATIONS		451,798		451,798		451,798				451,798
029	F–15 EPAW		280,658		280,658		280,658		–15,681		264,977
	SEPM unjustified growth								[–15,681]		
	AIRLIFT AIRCRAFT										
031	C–5		24,377		24,377		24,377				24,377
032	C–17A		140,560		140,560		140,560				140,560
033	C–32A		19,060		19,060		19,060				19,060
034	C–37A		13,454		13,454		13,454				13,454
	TRAINER AIRCRAFT										
035	GLIDER MODS		5,270		5,270		5,270				5,270
036	T–6		2,942		2,942		2,942				2,942
037	T–1		10,950		10,950		10,950				10,950
038	T–38		125,340		125,340		125,340				125,340
	OTHER AIRCRAFT										
040	U–2 MODS		54,727		54,727		54,727				54,727
042	C–12		446		446		446				446
044	VC–25A MOD		29,707		29,707		29,707				29,707
045	C–40		8,921		8,921		8,921				8,921
046	C–130		71,177		93,177		71,177		20,000		91,177
	iMAFFS				[22,000]				[20,000]		
047	C–130J MODS		121,258		121,258		121,258				121,258
048	C–135		153,595		153,595		153,595				153,595

049	COMPASS CALL	144,686	194,686	144,686	50,000	194,686
	SABER integration on EC–37B aircraft		[50,000]		[50,000]	
050	COMBAT FLIGHT INSPECTION—CFIN	446	446	446		446
051	RC–135	220,138	220,138	240,138		220,138
	RC–135 alternate PNT upgrades			[20,000]		
052	E–3	1,350	1,350	1,350		1,350
052A	E–7A AP		300,000			
	USAF UPL		[300,000]			
053	E–4	13,055	13,055	13,055		13,055
056	H–1	816	816	816		816
057	H–60	4,207	4,207	4,207		4,207
060	HC/MC–130 MODIFICATIONS	101,055	101,055	101,055		101,055
061	OTHER AIRCRAFT	54,134	73,403	73,403	19,269	73,403
	DAF requested realignment of funds			[11,619]		
	DAF requested realignment of funds for SLPA-A			[7,650]		
	Technical realignment		[11,619]		[11,619]	
	Technical realignment—Sentinel Aircraft Procurement		[7,650]		[7,650]	
062	MQ–9 MODS	98,063	98,063	98,063		98,063
064	SENIOR LEADER C3 SYSTEM—AIRCRAFT	24,847	24,847	24,847		24,847
065	CV–22 MODS	153,006	153,006	153,006		153,006
	AIRCRAFT SPARES AND REPAIR PARTS					
066	INITIAL SPARES/REPAIR PARTS	781,521	772,877	772,877	–8,644	772,877
	DAF requested realignment of funds			[–8,644]		
	Technical realignment		[–8,644]		[–8,644]	
	COMMON SUPPORT EQUIPMENT					
067	AIRCRAFT REPLACEMENT SUPPORT EQUIP	157,664	157,664	157,664		157,664
	POST PRODUCTION SUPPORT					
068	B–2A	1,838	1,838	1,838		1,838
069	B–2B	15,207	15,207	15,207		15,207
072	MC–130J	10,117	10,117	10,117		10,117
074	F–16	1,075	1,075	1,075		1,075
075	F–22A	38,418	38,418	38,418		38,418
	INDUSTRIAL PREPAREDNESS					
079	INDUSTRIAL RESPONSIVENESS	18,874	18,874	18,874		18,874
	WAR CONSUMABLES					
080	WAR CONSUMABLES	27,482	27,482	27,482		27,482
	OTHER PRODUCTION CHARGES					
081	OTHER PRODUCTION CHARGES	1,478,044	1,513,644	1,558,044	–183,009	1,295,035
	Classified adjustment		[190,000]			
	DAF requested realignment of funds			[80,000]	[80,000]	

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Excess to need				[–229,400]				[–229,400]		
	Program decrease				[–5,000]						
	T–7A depot activation ahead of need								[–33,609]		
	Technical realignment				[80,000]						
	CLASSIFIED PROGRAMS										
083A	CLASSIFIED PROGRAMS		17,165		17,165		17,165				17,165
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	**115**	**20,315,204**	**115**	**20,743,124**	**115**	**20,328,837**	**2**	**–665,390**	**117**	**19,649,814**
	MISSILE PROCUREMENT, AIR FORCE										
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC										
001	MISSILE REPLACEMENT EQ-BALLISTIC		69,319		69,319		69,319				69,319
	BALLISTIC MISSILES										
003	GROUND BASED STRATEGIC DETERRENT AP		539,300		539,300		539,300				539,300
	STRATEGIC										
004	LONG RANGE STAND-OFF WEAPON		66,816		66,816		66,816				66,816
	TACTICAL										
005	REPLAC EQUIP & WAR CONSUMABLES		37,318		37,318		37,318				37,318
006	JOINT AIR-SURFACE STANDOFF MISSILE	550	915,996	550	915,996	550	915,996			550	915,996
007	JOINT AIR-SURFACE STANDOFF MISSILE AP		769,672		769,672		769,672				769,672
008	JOINT STRIKE MISSILE	48	161,011	48	161,011	48	161,011			48	161,011
009	LRASM0	27	87,796	27	87,796	27	87,796			27	87,796
010	LRASM0 AP		99,871		99,871		99,871				99,871
011	SIDEWINDER (AIM–9X)	192	95,643	192	95,643	192	95,643			192	95,643
012	AMRAAM	457	489,049	457	489,049	457	489,049			457	489,049
013	AMRAAM AP		212,410		212,410		212,410				212,410
014	PREDATOR HELLFIRE MISSILE		1,049		1,049		1,049				1,049
015	SMALL DIAMETER BOMB	874	48,734	874	48,734	874	48,734			874	48,734
016	SMALL DIAMETER BOMB II	920	291,553	920	291,553	920	291,553			920	291,553
017	STAND-IN ATTACK WEAPON (SIAW)	14	41,947	14	41,947	14	41,947			14	41,947
	INDUSTRIAL FACILITIES										
018	INDUSTRIAL PREPAREDNESS/POL PREVENTION		793		793		793				793
	CLASS IV										
019	ICBM FUZE MOD		115,745		115,745		115,745				115,745

020	ICBM FUZE MOD AP		43,044		43,044		43,044			43,044
021	MM III MODIFICATIONS		48,639		48,639		48,639			48,639
022	AIR LAUNCH CRUISE MISSILE (ALCM)		41,494		41,494		41,494			41,494
	MISSILE SPARES AND REPAIR PARTS									
023	MSL SPRS/REPAIR PARTS (INITIAL)		6,840		6,840		6,840			6,840
024	MSL SPRS/REPAIR PARTS (REPLEN)		75,191		75,191		75,191			75,191
	SPECIAL PROGRAMS									
029	SPECIAL UPDATE PROGRAMS		419,498		419,498		419,498			419,498
	CLASSIFIED PROGRAMS									
029A	CLASSIFIED PROGRAMS		851,718		851,718		851,718			851,718
	TOTAL MISSILE PROCUREMENT, AIR FORCE	**3,082**	**5,530,446**	**3,082**	**5,530,446**	**3,082**	**5,530,446**		**3,082**	**5,530,446**
	PROCUREMENT OF AMMUNITION, AIR FORCE									
	ROCKETS									
001	ROCKETS		18,483		18,483		18,483			18,483
	CARTRIDGES									
002	CARTRIDGES		101,104		101,104		101,104	–500		100,604
	Small cal/ground munitions—(A143) 7.62MM ball linked unit cost adjustment.							[–500]		
	BOMBS									
004	GENERAL PURPOSE BOMBS		142,118		142,118		142,118	–14,855		127,263
	Previously funded items							[–14,855]		
005	MASSIVE ORDNANCE PENETRATOR (MOP)		14,074		14,074		14,074	–12,824		1,250
	Unjustified request							[–12,824]		
006	JOINT DIRECT ATTACK MUNITION	1,772	132,364	1,772	132,364	1,772	132,364	–3,877	1,772	128,487
	PSC other government costs unjustified growth							[–3,877]		
007	B–61		68		68		68			68
008	B61–12 TRAINER		10,100		10,100		10,100			10,100
	OTHER ITEMS									
009	CAD/PAD		51,487		51,487		51,487			51,487
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD)		6,707		6,707		6,707			6,707
011	SPARES AND REPAIR PARTS		585		585		585			585
013	FIRST DESTINATION TRANSPORTATION		2,299		2,299		2,299			2,299
014	ITEMS LESS THAN $5,000,000		5,115		5,115		5,115			5,115
	FLARES									
015	EXPENDABLE COUNTERMEASURES		79,786		79,786		79,786			79,786
	FUZES									
016	FUZES		109,562		109,562		109,562			109,562
	SMALL ARMS									
017	SMALL ARMS		29,306		29,306		29,306			29,306

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	**1,772**	**703,158**	**1,772**	**703,158**	**1,772**	**703,158**		**–32,056**	**1,772**	**671,102**
	PROCUREMENT, SPACE FORCE										
	SPACE PROCUREMENT, SF										
001	AF SATELLITE COMM SYSTEM		64,345		64,345		64,345				64,345
003	COUNTERSPACE SYSTEMS		52,665		52,665		52,665				52,665
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS		25,057		25,057		25,057				25,057
005	FABT FORCE ELEMENT TERMINAL		121,634		121,634		121,634				121,634
007	GENERAL INFORMATION TECH—SPACE		3,451		3,451		3,451				3,451
008	GPSIII FOLLOW ON		119,700		70,400		119,700		–49,300		70,400
	Request for Equitable Adjustment				[–49,300]				[–49,300]		
009	GPS III SPACE SEGMENT		121,770		103,670		121,770		–18,100		103,670
	Unjustified growth SV 03–10 production				[–18,100]				[–18,100]		
010	GLOBAL POSTIONING (SPACE)		893		893		893				893
011	HERITAGE TRANSITION		6,110		6,110		6,110				6,110
012	JOINT TACTICAL GROUND STATIONS		580		580		580				580
013	SPACEBORNE EQUIP (COMSEC)		83,168		83,168		83,168				83,168
014	MILSATCOM		44,672		44,672		44,672				44,672
015	SBIR HIGH (SPACE)		39,438		39,438		39,438				39,438
016	SPECIAL SPACE ACTIVITIES		840,913		380,213		380,213		–460,700		380,213
	Classified overrun				[–497,000]						
	Space Force realignment of funds						[–497,000]		[–497,000]		
	Space Force Unfunded Priorities List Classified Program A.						[36,300]		[36,300]		
	USSF UPL—Classified program A				[36,300]						
017	MOBILE USER OBJECTIVE SYSTEM		101,147		101,147		101,147				101,147
018	NATIONAL SECURITY SPACE LAUNCH	10	2,142,846	10	2,142,846	10	2,142,846			10	2,142,846
020	PTES HUB	12	56,482	12	56,482	12	56,482			12	56,482
021	ROCKET SYSTEMS LAUNCH PROGRAM		74,848		74,848		74,848				74,848
022	SPACE DEVELOPMENT AGENCY LAUNCH	5	529,468	5	529,468	5	529,468			5	529,468
023	SPACE MODS		166,596		166,596		166,596				166,596
024	SPACELIFT RANGE SYSTEM SPACE		114,505		114,505		114,505				114,505
	SPARES										

025	SPARES AND REPAIR PARTS		906		906		906				906
	SUPPORT EQUIPMENT										
026	POWER CONDITIONING EQUIPMENT		3,100		3,100		3,100				3,100
	UNDISTRIBUTED										
027	UNDISTRIBUTED				–434,000						
	WGS–12 delayed contract award				[–434,000]						
	TOTAL PROCUREMENT, SPACE FORCE	**27**	**4,714,294**	**27**	**3,752,194**	**27**	**4,253,594**		**–528,100**	**27**	**4,186,194**
	OTHER PROCUREMENT, AIR FORCE										
	PASSENGER CARRYING VEHICLES										
001	PASSENGER CARRYING VEHICLES		6,123		6,123		6,123				6,123
	CARGO AND UTILITY VEHICLES										
002	MEDIUM TACTICAL VEHICLE		3,961		3,961		3,961				3,961
003	CAP VEHICLES		1,027		1,027		1,027				1,027
004	CARGO AND UTILITY VEHICLES		45,036		47,338		47,338		2,302		47,338
	DAF requested realignment of funds						[328]				
	DAF requested realignment of funds from OMAF SAG 11R.						[1,974]				
	Technical realignment				[2,302]				[2,302]		
	SPECIAL PURPOSE VEHICLES										
005	JOINT LIGHT TACTICAL VEHICLE		57,780		57,780		57,780		–6,059		51,721
	Utility unjustified unit cost growth								[–6,059]		
006	SECURITY AND TACTICAL VEHICLES		390		390		390				390
007	SPECIAL PURPOSE VEHICLES		79,023		82,803		82,803		3,780		82,803
	DAF requested realignment of funds						[340]				
	DAF requested realignment of funds from OMAF SAG 11R.						[3,440]				
	Technical realignment				[3,780]				[3,780]		
	FIRE FIGHTING EQUIPMENT										
008	FIRE FIGHTING/CRASH RESCUE VEHICLES		70,252		70,252		70,252				70,252
	MATERIALS HANDLING EQUIPMENT										
009	MATERIALS HANDLING VEHICLES		73,805		75,895		75,895		2,090		75,895
	DAF requested realignment of funds from OMAF SAG 11R.						[1,805]				
	DAF requested realignment of funds from OPAF line 11						[285]				
	Technical realignment				[2,090]				[2,090]		
	BASE MAINTENANCE SUPPORT										
010	RUNWAY SNOW REMOV AND CLEANING EQU		22,030		22,030		22,030				22,030
011	BASE MAINTENANCE SUPPORT VEHICLES		223,354		240,634		240,634		17,280		240,634
	DAF requested realignment of funds						[–953]				

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	DAF requested realignment of funds from OMAF SAG 11R.						[18,233]				
	Technical realignment				[17,280]				[17,280]		
	COMM SECURITY EQUIPMENT(COMSEC)										
013	COMSEC EQUIPMENT		98,600		98,600		98,600				98,600
	INTELLIGENCE PROGRAMS										
015	INTERNATIONAL INTEL TECH & ARCHITECTURES		5,393		5,393		5,393				5,393
016	INTELLIGENCE TRAINING EQUIPMENT		5,012		5,012		5,012				5,012
017	INTELLIGENCE COMM EQUIPMENT		40,042		40,042		40,042				40,042
	ELECTRONICS PROGRAMS										
018	AIR TRAFFIC CONTROL & LANDING SYS		67,581		67,581		67,581				67,581
019	NATIONAL AIRSPACE SYSTEM		3,841		3,841		3,841				3,841
020	BATTLE CONTROL SYSTEM—FIXED		1,867		1,867		1,867				1,867
022	3D EXPEDITIONARY LONG-RANGE RADAR		83,735		83,735		83,735				83,735
023	WEATHER OBSERVATION FORECAST		28,530		28,530		28,530				28,530
024	STRATEGIC COMMAND AND CONTROL		73,593		73,593		73,593				73,593
025	CHEYENNE MOUNTAIN COMPLEX		8,221		8,221		8,221				8,221
026	MISSION PLANNING SYSTEMS		17,078		17,078		17,078				17,078
029	STRATEGIC MISSION PLANNING & EXECUTION SYSTEM		3,861		3,861		3,861				3,861
	SPCL COMM-ELECTRONICS PROJECTS										
030	GENERAL INFORMATION TECHNOLOGY		206,142		212,093		237,093		5,951		212,093
	DAF requested realignment of funds						[30,951]				
	Insufficient justification				[–25,000]				[–25,000]		
	Technical realignment				[30,951]				[30,951]		
031	AF GLOBAL COMMAND & CONTROL SYS		2,582		2,582		2,582				2,582
032	BATTLEFIELD AIRBORNE CONTROL NODE (BACN)		30		30		30				30
033	MOBILITY COMMAND AND CONTROL		3,768		3,768		3,768				3,768
034	AIR FORCE PHYSICAL SECURITY SYSTEM		208,704		208,704		208,704				208,704
035	COMBAT TRAINING RANGES		346,340		346,340		346,340		–3,050		343,290
	Unit cost growth: P6CTS								[–3,050]		
036	MINIMUM ESSENTIAL EMERGENCY COMM N		84,102		84,102		84,102				84,102
037	WIDE AREA SURVEILLANCE (WAS)		11,594		11,594		11,594				11,594
038	C3 COUNTERMEASURES		148,818		148,818		148,818				148,818

044	AIR & SPACE OPERATIONS CENTER (AOC)	5,032	5,032	5,032		5,032
	AIR FORCE COMMUNICATIONS					
046	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED	108,532	322,704	322,704	214,172	322,704
	DAF requested realignment of funds			[214,172]		
	Technical realignment		[214,172]		[214,172]	
047	AFNET	154,911	129,911	154,911	–2,293	152,618
	Insufficient justification		[–25,000]		[–2,293]	
048	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,381	5,381	5,381		5,381
049	USCENTCOM	18,025	18,025	18,025		18,025
050	USSTRATCOM	4,436	4,436	4,436		4,436
051	USSPACECOM	27,073	27,073	27,073		27,073
	ORGANIZATION AND BASE					
052	TACTICAL C-E EQUIPMENT	226,819	226,819	226,819		226,819
053	RADIO EQUIPMENT	30,407	30,407	30,407		30,407
054	BASE COMM INFRASTRUCTURE	113,563	113,563	113,563		113,563
	MODIFICATIONS					
055	COMM ELECT MODS	98,224	118,224	98,224	17,000	115,224
	NORTHCOM UPL—Over the Horizon Radar Acceleration		[20,000]		[17,000]	
	PERSONAL SAFETY & RESCUE EQUIP					
056	PERSONAL SAFETY AND RESCUE EQUIPMENT	60,473	60,473	60,473		60,473
	DEPOT PLANT+MTRLS HANDLING EQ					
057	POWER CONDITIONING EQUIPMENT	9,235	9,235	9,235		9,235
058	MECHANIZED MATERIAL HANDLING EQUIP	15,662	15,662	15,662		15,662
	BASE SUPPORT EQUIPMENT					
059	BASE PROCURED EQUIPMENT	77,875	77,875	77,875		77,875
060	ENGINEERING AND EOD EQUIPMENT	280,734	323,018	288,968	13,234	293,968
	DAF requested realignment of funds			[2,284]		
	DAF requested realignment of funds from OMAF SAG 11R.			[5,950]	[5,950]	
	Recovery of Air Bases Denied by Ordnance Program		[40,000]		[5,000]	
	Technical realignment		[2,284]		[2,284]	
061	MOBILITY EQUIPMENT	207,071	232,271	232,271	25,200	232,271
	DAF requested realignment of funds from OMAF SAG 11R.			[25,200]		
	Technical realignment		[25,200]		[25,200]	
062	FUELS SUPPORT EQUIPMENT (FSE)	218,790	218,790	218,790	–10,454	208,336
	All Terrain Berm Storage System schedule discrepancies.				[–7,215]	
	Fuel storage bladder unjustified unit cost growth				[–3,239]	
063	BASE MAINTENANCE AND SUPPORT EQUIPMENT	51,914	57,864	51,914		51,914

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Technical realignment				[5,950]						
	SPECIAL SUPPORT PROJECTS										
065	DARP RC135		28,882		28,882		28,882				28,882
066	DCGS-AF		129,655		129,655		129,655				129,655
070	SPECIAL UPDATE PROGRAM		1,042,833		1,042,833		1,042,833				1,042,833
	CLASSIFIED PROGRAMS										
072A	CLASSIFIED PROGRAMS		25,456,490		25,456,490		25,456,490				25,456,490
	SPARES AND REPAIR PARTS										
071	SPARES AND REPAIR PARTS (CYBER)		1,032		1,032		1,032				1,032
072	SPARES AND REPAIR PARTS		12,628		12,628		12,628				12,628
	TOTAL OTHER PROCUREMENT, AIR FORCE		**30,417,892**		**30,731,901**		**30,721,901**		**279,153**		**30,697,045**
	PROCUREMENT, DEFENSE-WIDE										
	MAJOR EQUIPMENT, SDA										
001	MAJOR EQUIPMENT, DPAA	10	516	10	516	10	516			10	516
002	MAJOR EQUIPMENT, OSD		186,006		186,006		186,006				186,006
	MAJOR EQUIPMENT, DISA										
011	INFORMATION SYSTEMS SECURITY		12,275		12,275		12,275				12,275
012	TELEPORT PROGRAM		42,399		42,399		42,399				42,399
014	ITEMS LESS THAN $5 MILLION		47,538		47,538		47,538				47,538
015	DEFENSE INFORMATION SYSTEM NETWORK		39,472		39,472		39,472				39,472
016	WHITE HOUSE COMMUNICATION AGENCY		118,523		118,523		118,523				118,523
017	SENIOR LEADERSHIP ENTERPRISE		94,591		94,591		94,591				94,591
018	JOINT REGIONAL SECURITY STACKS (JRSS)		22,714				15,714				22,714
	Program decrease				[–22,714]						
	Program reduction						[–7,000]				
019	JOINT SERVICE PROVIDER		107,637		97,637		107,637		–10,000		97,637
	Insufficient justification				[–10,000]				[–10,000]		
020	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)		33,047		33,047		33,047				33,047
	MAJOR EQUIPMENT, DLA										
028	MAJOR EQUIPMENT		30,355		30,355		30,355				30,355
	MAJOR EQUIPMENT, DCSA										
029	MAJOR EQUIPMENT		2,135		2,135		2,135				2,135

	MAJOR EQUIPMENT, TJS										
030	MAJOR EQUIPMENT, TJS		3,747		3,747		3,747				3,747
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY										
031	THAAD	11	216,782	17	316,782	11	216,782	6	100,000	17	316,782
	6 additional THAAD Interceptors			[6]	[100,000]			[6]	[100,000]		
033	AEGIS BMD	27	374,756	27	419,756	27	374,756			27	374,756
	MDA UPL—SM–3 Blk 1B Life Extension				[45,000]						
035	BMDS AN/TPY–2 RADARS		29,108		29,108		29,108				29,108
036	SM–3 IIAS	12	432,824	12	432,824	12	432,824			12	432,824
037	ARROW 3 UPPER TIER SYSTEMS	1	80,000	1	80,000	1	80,000			1	80,000
038	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	1	40,000	1	40,000	1	40,000			1	40,000
039	DEFENSE OF GUAM PROCUREMENT	1	169,627	1	169,627	1	169,627			1	169,627
040	AEGIS ASHORE PHASE III		2,390		2,390		2,390				2,390
041	IRON DOME	1	80,000	1	80,000	1	80,000			1	80,000
042	AEGIS BMD HARDWARE AND SOFTWARE	9	27,825	9	27,825	9	27,825			9	27,825
	MAJOR EQUIPMENT, DHRA										
043	PERSONNEL ADMINISTRATION		3,704		3,704		3,704				3,704
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY										
046	VEHICLES		366		366		366				366
047	OTHER MAJOR EQUIPMENT		12,787		12,787		12,787				12,787
048	DTRA CYBER ACTIVITIES		21,413		21,413		21,413				21,413
	MAJOR EQUIPMENT, DODEA										
049	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		1,358		1,358		1,358				1,358
	MAJOR EQUIPMENT, DMACT										
050	MAJOR EQUIPMENT		13,012		13,012		13,012				13,012
	MAJOR EQUIPMENT, USCYBERCOM										
051	CYBERSPACE OPERATIONS		129,082		131,582		160,082				129,082
	Additional resourcing				[2,500]						
	Modernization of Department of Defense Internet Gateway Cyber Defense.						[31,000]				
	CLASSIFIED PROGRAMS										
	UNDISTRIBUTED										
073A	CLASSIFIED PROGRAMS		658,529		658,529		658,529				658,529
	AVIATION PROGRAMS										
053	ARMED OVERWATCH/TARGETING	12	266,846	12	266,846	12	266,846			12	266,846
054	MANNED ISR		7,000		7,000		7,000				7,000
055	MC–12		600		600		600				600
057	ROTARY WING UPGRADES AND SUSTAINMENT		261,012		261,012		261,012		–5,000		256,012
	Underexecution								[–5,000]		
058	UNMANNED ISR		26,997		29,497		26,997				26,997

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2024 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Commercial-off-the-Shelf (COTS) Miniaturized Unmanned Aerial System (UAS) Ground Control Stations.				[2,500]						
059	NON-STANDARD AVIATION		25,782		25,782		25,782		–4,000		21,782
	Theater Basing Initiatives excess to need								[–4,000]		
060	U–28		7,198		7,198		7,198				7,198
061	MH–47 CHINOOK		149,883		149,883		149,883				149,883
062	CV–22 MODIFICATION		75,981		75,981		75,981				75,981
063	MQ–9 UNMANNED AERIAL VEHICLE		17,684		17,684		17,684				17,684
064	PRECISION STRIKE PACKAGE		108,497		108,497		108,497				108,497
065	AC/MC–130J		319,754		319,754		319,754				319,754
066	C–130 MODIFICATIONS		18,796		18,796		18,796				18,796
	SHIPBUILDING										
067	UNDERWATER SYSTEMS		66,111		73,111		78,171		7,000		73,111
	Deep Submergence Collective Propulsion				[7,000]				[7,000]		
	Seal Delivery Vehicle (SDV) Sonar Payload for Subsea Seabed Acceleration.						[12,060]				
	AMMUNITION PROGRAMS										
068	ORDNANCE ITEMS <$5M		147,831		147,831		147,831				147,831
	OTHER PROCUREMENT PROGRAMS										
069	INTELLIGENCE SYSTEMS		203,400		203,400		203,400				203,400
070	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS		5,718		5,718		5,718				5,718
071	OTHER ITEMS <$5M		108,816		106,316		108,816		–2,500		106,316
	Program decrease				[–2,500]				[–2,500]		
072	COMBATANT CRAFT SYSTEMS		55,064		58,730		55,064				55,064
	Combat Craft Assault for Naval Special Warfare—one craft.				[3,666]						
073	SPECIAL PROGRAMS		20,412		20,412		20,412				20,412
074	TACTICAL VEHICLES		56,561		56,561		56,561				56,561
075	WARRIOR SYSTEMS <$5M		329,837		379,824		344,637		40,600		370,437
	Counter Uncrewed Aerial Systems (CUAS) Group 3 Defeat Acceleration.						[14,800]				

	USSOCOM UPL—Counter Uncrewed Aerial Systems (CUAS) Group 3 Defeat Acceleration.				[49,987]				[40,600]		
076	COMBAT MISSION REQUIREMENTS		4,987		4,987		4,987				4,987
077	OPERATIONAL ENHANCEMENTS INTELLIGENCE		23,639		23,639		23,639				23,639
078	OPERATIONAL ENHANCEMENTS		322,341		322,341		322,341				322,341
	CBDP										
079	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		159,884		159,884		159,884				159,884
080	CB PROTECTION & HAZARD MITIGATION		231,826		231,826		236,826				231,826
	Chemical nerve agent countermeasures						[5,000]				
	TOTAL PROCUREMENT, DEFENSE-WIDE	**85**	**6,056,975**	**91**	**6,232,414**	**85**	**6,112,835**	**6**	**126,100**	**91**	**6,183,075**
	NATIONAL GUARD AND RESERVE EQUIPMENT										
	UNDISTRIBUTED										
006	UNDISTRIBUTED				100,000				100,000		100,000
	Program increase				[100,000]				[100,000]		
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT				**100,000**				**100,000**		**100,000**
	TOTAL PROCUREMENT	**17,863**	**167,988,341**	**17,928**	**168,612,352**	**17,865**	**169,840,643**	**136**	**1,181,124**	**17,999**	**169,169,465**

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY					
		BASIC RESEARCH					
001	0601102A	DEFENSE RESEARCH SCIENCES	296,670	301,670	296,670	5,000	301,670
		AI-Enhanced Quantum Computing		[5,000]		[5,000]	
002	0601103A	UNIVERSITY RESEARCH INITIATIVES	75,672	75,672	75,672		75,672
003	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	108,946	112,946	108,946	2,000	110,946
		Biotechnology research		[2,000]			
		Hypervelocity research and testing		[2,000]		[2,000]	
004	0601121A	CYBER COLLABORATIVE RESEARCH ALLIANCE	5,459	5,459	5,459		5,459
005	0601601A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH.	10,708	10,708	10,708		10,708
		SUBTOTAL BASIC RESEARCH	**497,455**	**506,455**	**497,455**	**7,000**	**504,455**
		APPLIED RESEARCH					
006	0602002A	ARMY AGILE INNOVATION AND DEVELOPMENT-APPLIED RESEARCH.	5,613	5,613	5,613		5,613
008	0602134A	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	6,242	6,242	6,242		6,242
009	0602141A	LETHALITY TECHNOLOGY	85,578	100,578	85,578	10,000	95,578
		Armaments technology for unmanned systems		[2,500]		[2,500]	

		Convergent Advanced Manufacturing for Extreme Environments.		[5,000]		[2,500]	
		Crtitical energetic materials chemistries		[2,500]		[2,500]	
		Overmatching the Speed of Battle		[2,500]			
		Universal Nanocrystalline Alloys Lethality		[2,500]		[2,500]	
010	0602142A	ARMY APPLIED RESEARCH	34,572	34,572	34,572		34,572
011	0602143A	SOLDIER LETHALITY TECHNOLOGY	104,470	116,970	114,470	20,500	124,970
		Airborne Pathfinder			[10,000]	[8,000]	
		Body armor research		[2,500]		[2,500]	
		Digital night vision technology		[5,000]		[5,000]	
		Pathfinder program		[2,500]		[2,500]	
		Wafer-Level Vacuum Packaging (WLVP) of Microbolometers		[2,500]		[2,500]	
012	0602144A	GROUND TECHNOLOGY	60,005	74,905	80,005	25,500	85,505
		Cold weather research		[2,500]		[2,500]	
		Critical hybrid advanced materials processing			[7,000]	[5,000]	
		Engineered repair materials for roadways			[3,000]	[3,000]	
		Engineered Repair Materials for Roadways to Support Effective Maneuver of Military Assets.		[1,500]			
		Geosynthetics Performance Testing		[3,300]			
		HMAR Production		[2,500]			
		Polar proving ground and training program		[2,500]	[5,000]	[5,000]	
		Research and development of smart concrete materials		[2,600]			
		Titanium metal powder production technology			[5,000]	[10,000]	
013	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	166,500	167,000	181,500	14,000	180,500
		Fuel cells for next generation combat vehicles			[5,000]	[3,500]	
		High Mobility Multipurpose Wheeled Vehicle (HMMWD – Humvee) Gunner Restraint System (GRS).		[500]		[500]	
		Hydrogen fuel source research and development			[10,000]	[10,000]	
014	0602146A	NETWORK C3I TECHNOLOGY	81,618	91,618	81,618	5,000	86,618
		Intelligent Resilience of Communications Signals		[2,500]		[2,500]	
		Man-portable doppler radar		[5,000]			
		Secure Microelectronic Interposer Technology		[2,500]		[2,500]	

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
015	0602147A	LONG RANGE PRECISION FIRES TECHNOLOGY	34,683	37,183	34,683	2,500	37,183
		Additive manufacturing for low-cost missile applications		[2,500]		[2,500]	
016	0602148A	FUTURE VERTICLE LIFT TECHNOLOGY	73,844	76,344	73,844	2,500	76,344
		eVTOL power source development		[2,500]		[2,500]	
017	0602150A	AIR AND MISSILE DEFENSE TECHNOLOGY	33,301	60,801	38,301	27,500	60,801
		Counter UAS research		[5,000]			
		Counter-Unmanned Aircraft Systems technology			[5,000]	[5,000]	
		High energy laser enabling and support technology		[2,500]		[2,500]	
		High energy Laser in a Box		[20,000]		[20,000]	
018	0602180A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES.	24,142	24,142	24,142		24,142
019	0602181A	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	14,297	14,297	14,297		14,297
020	0602182A	C3I APPLIED RESEARCH	30,659	30,659	30,659		30,659
021	0602183A	AIR PLATFORM APPLIED RESEARCH	48,163	53,163	48,163	1,500	49,663
		Unmanned aerial and ground sensor network		[2,500]		[1,500]	
		Vision-Based Navigation for Small Unmanned Aerial Systems.		[2,500]			
022	0602184A	SOLDIER APPLIED RESEARCH	18,986	18,986	18,986		18,986
023	0602213A	C3I APPLIED CYBER	22,714	22,714	22,714		22,714
024	0602386A	BIOTECHNOLOGY FOR MATERIALS—APPLIED RESEARCH	16,736	16,736	16,736		16,736
025	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	19,969	19,969	19,969		19,969
026	0602787A	MEDICAL TECHNOLOGY	66,266	76,166	71,266	9,900	76,166
		Precision Medicine for Bone Injuries		[4,900]		[4,900]	
		Preventing trauma-related stress disorder			[5,000]	[5,000]	
		WRAIR Mitochonchondria TBI program		[5,000]			
		SUBTOTAL APPLIED RESEARCH	**948,358**	**1,048,658**	**1,003,358**	**118,900**	**1,067,258**

		ADVANCED TECHNOLOGY DEVELOPMENT					
027	0603002A	MEDICAL ADVANCED TECHNOLOGY	4,147	12,147	4,147	8,000	12,147
		Hearing Protections Communications		[8,000]		[8,000]	
028	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	16,316	16,316	16,316		16,316
029	0603025A	ARMY AGILE INNOVATION AND DEMONSTRATION	23,156	23,156	23,156		23,156
030	0603040A	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES.	13,187	13,187	18,187	5,000	18,187
		Tactical artificial intelligence and machine learning			[5,000]	[5,000]	
031	0603041A	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	33,332	33,332	33,332		33,332
032	0603042A	C3I ADVANCED TECHNOLOGY	19,225	19,225	19,225		19,225
033	0603043A	AIR PLATFORM ADVANCED TECHNOLOGY	14,165	14,165	14,165		14,165
034	0603044A	SOLDIER ADVANCED TECHNOLOGY	1,214	1,214	1,214		1,214
036	0603116A	LETHALITY ADVANCED TECHNOLOGY	20,582	30,582	20,582	–2,827	17,755
		Battlefield Armaments and Ammunition Supply Chain		[10,000]			
		Energetics Materials and Manufacturing Technology		[2,500]			
		Program decrease		[–5,000]		[–2,827]	
		Systems materials and hardened structures		[2,500]			
037	0603117A	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	136,280	136,280	136,280		136,280
038	0603118A	SOLDIER LETHALITY ADVANCED TECHNOLOGY	102,778	109,278	102,778	2,500	105,278
		Autonomous Long Range Resupply		[2,500]		[2,500]	
		Paratrooper and Powered Paragliders Autopilot System (PAPPAS).		[4,000]			
039	0603119A	GROUND ADVANCED TECHNOLOGY	40,597	45,597	45,597	7,500	48,097
		3D Printed Cold Weather Structures		[2,500]			
		Advanced composites and multi-material protective systems.			[5,000]	[5,000]	
		Research supporting rapid entry in Arctic conditions		[2,500]		[2,500]	
040	0603134A	COUNTER IMPROVISED-THREAT SIMULATION	21,672	21,672	21,672		21,672
041	0603386A	BIOTECHNOLOGY FOR MATERIALS—ADVANCED RESEARCH	59,871	59,871	59,871		59,871
042	0603457A	C3I CYBER ADVANCED DEVELOPMENT	28,847	28,847	28,847		28,847

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
043	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	255,772	250,772	265,772		255,772
		Excessive cost growth		[–5,000]			
		High Performance Computing Modernization Program increase.			[10,000]		
044	0603462A	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY.	217,394	227,394	224,394	17,500	234,894
		Advanced Manufacturing Center of Excellence			[7,000]	[12,500]	
		Next Generation Combat Vehicle Advanced Technology (Silent Watch Hydrogen Fuel Cell).		[10,000]		[5,000]	
045	0603463A	NETWORK C3I ADVANCED TECHNOLOGY	105,549	105,549	105,549		105,549
046	0603464A	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	153,024	225,024	158,024	35,000	188,024
		Al-Li solid rocket motors		[10,000]			
		Aluminum-Lithium Alloy Solid Rocket Motor			[5,000]	[5,000]	
		Assured Munition Position, Navigation, Timing, and Navigational Warfare.		[10,000]			
		ERAMS Advanced Technology		[8,000]			
		Maneuvering Submunitions for Precision Strike Missile		[9,000]		[5,000]	
		Missile Virtual Interactive Testbeds And Labs		[15,000]		[5,000]	
		XM1155 Glide Flight Projectile		[20,000]		[20,000]	
047	0603465A	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	158,795	178,795	158,795	15,000	173,795
		Additive manufacturing		[10,000]		[10,000]	
		Army Aviation Cybersecurity and Electromagnetic Activity (CEMA).		[5,000]			
		Next Generation Vertical Takeoff and Landing Concepts for Unmanned Aircraft.		[5,000]		[5,000]	
048	0603466A	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	21,015	34,315	26,015	2,500	23,515

		Armaments Based Counter Small Unmanned Aerial Systems.		[7,000]			
		Rapid Assurance Modernization Program-Test			[5,000]		
		SHORAD S&T Engineering and Integration (SSEI) Lab		[6,300]		[2,500]	
049	0603920A	HUMANITARIAN DEMINING	9,068	23,000	9,068	13,932	23,000
		Program increase		[13,932]		[13,932]	
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**1,455,986**	**1,609,718**	**1,492,986**	**104,105**	**1,560,091**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
051	0603305A	ARMY MISSLE DEFENSE SYSTEMS INTEGRATION	12,904	43,904	12,904	20,000	32,904
		Artificial Intelligence Decision Aids for All Domain Operations.		[6,000]		[5,000]	
		Capability for Advanced Protetive Technologies Assessment and Integration (CAPTAIN).		[8,000]		[8,000]	
		Integrated Environmental Control and Power		[5,000]		[5,000]	
		Pulsed Laser for Hypersonic Defense		[5,000]			
		Resilient Position, Navigation, and Timing Development (PNT).		[7,000]		[2,000]	
052	0603308A	ARMY SPACE SYSTEMS INTEGRATION	19,120	24,120	19,120	5,000	24,120
		Essential Multi-Function Multi-Mission Payload Development.		[5,000]		[5,000]	
054	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	47,537	47,537	47,537		47,537
055	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	91,323	91,323	91,323		91,323
056	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	43,026	29,926	43,026		43,026
		Slow expenditure—Ground Combat Platform		[–13,100]			
057	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	3,550	3,550	3,550		3,550
058	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	65,567	65,567	65,567		65,567
059	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	73,675	73,675	73,675		73,675
060	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	31,720	36,720	31,720	2,500	34,220
		Program decrease				[–2,500]	
		Underwater Cut and Capture Demonstration		[5,000]		[5,000]	
061	0603790A	NATO RESEARCH AND DEVELOPMENT	4,143	4,143	4,143		4,143

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
062	0603801A	AVIATION—ADV DEV	1,502,160	1,464,160	1,502,160	–1,356	1,500,804
		FARA—Excess to need		[–50,000]		[–13,356]	
		Modular Communication, Command, and Control Suite (MC3–Suite).		[12,000]		[12,000]	
063	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	7,604	7,604	7,604		7,604
064	0603807A	MEDICAL SYSTEMS—ADV DEV	1,602	1,602	1,602		1,602
065	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	27,681	25,825	27,681	–1,856	25,825
		Excessive growth—Program management		[–1,333]		[–1,333]	
		Slow expenditure rate—Advance Development		[–523]		[–523]	
066	0604017A	ROBOTICS DEVELOPMENT	3,024	3,024	3,024		3,024
067	0604019A	EXPANDED MISSION AREA MISSILE (EMAM)	97,018	97,018	97,018		97,018
068	0604020A	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.	117,557	117,557	117,557		117,557
069	0604035A	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	38,851	38,851	38,851		38,851
070	0604036A	MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	191,394	191,394	191,394		191,394
071	0604037A	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV.	10,626	10,626	10,626		10,626
072	0604100A	ANALYSIS OF ALTERNATIVES	11,095	11,095	11,095		11,095
073	0604101A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	5,144	5,144	5,144		5,144
074	0604103A	ELECTRONIC WARFARE PLANNING AND MANAGEMENT TOOL (EWPMT).	2,260	2,260	2,260		2,260
075	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	53,143	24,096	53,143		53,143
		Slow expenditure rate		[–29,047]			
076	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	816,663	816,663	816,663		816,663
077	0604115A	TECHNOLOGY MATURATION INITIATIVES	281,314	281,314	281,314		281,314
078	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	281,239	240,065	281,239	–7,245	273,994
		Delayed expenditure—contract award delay		[–41,174]		[–7,245]	

079	0604119A	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING.	204,914	204,914	204,914		204,914
080	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	40,930	33,090	40,930		40,930
		Slow expenditure rate—ALTNAV		[–5,236]			
		Slow expenditure rate—Mounted APNT		[–2,604]			
081	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	109,714	78,686	109,714		109,714
		Slow expenditure rate—Reconfig Virtual Collective Trainer		[–3,524]			
		Slow expenditure rate—STE Live		[–25,451]			
		Slow expenditure rate—SVT		[–2,053]			
082	0604134A	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	16,426	16,426	16,426		16,426
083	0604135A	STRATEGIC MID-RANGE FIRES	31,559	31,559	31,559		31,559
084	0604182A	HYPERSONICS	43,435	43,435	43,435		43,435
085	0604403A	FUTURE INTERCEPTOR	8,040	8,040	8,040		8,040
086	0604531A	COUNTER—SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT.	64,242	64,242	64,242		64,242
087	0604541A	UNIFIED NETWORK TRANSPORT	40,915	40,915	40,915		40,915
9999	9999999999	CLASSIFIED PROGRAMS	19,200	29,200	19,200		19,200
		Pilot program		[10,000]			
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**4,420,315**	**4,309,270**	**4,420,315**	**17,043**	**4,437,358**
		SYSTEM DEVELOPMENT & DEMONSTRATION					
091	0604201A	AIRCRAFT AVIONICS	13,673	13,673	13,673		13,673
092	0604270A	ELECTRONIC WARFARE DEVELOPMENT	12,789	12,789	12,789		12,789
093	0604601A	INFANTRY SUPPORT WEAPONS	64,076	62,732	64,076		64,076
		Slow expenditure		[–1,344]			
094	0604604A	MEDIUM TACTICAL VEHICLES	28,226	3,226	28,226	–25,000	3,226
		Incomplete development goals		[–25,000]			
		Program decrease				[–25,000]	
095	0604611A	JAVELIN	7,827	7,827	7,827		7,827

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
096	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	44,197	44,197	44,197		44,197
097	0604633A	AIR TRAFFIC CONTROL	1,134	11,134	1,134	10,000	11,134
		Integrated Mission Planning & Airspace Control Tools (IMPACT).		[10,000]		[10,000]	
098	0604641A	TACTICAL UNMANNED GROUND VEHICLE (TUGV)	142,125	142,125	142,125		142,125
099	0604642A	LIGHT TACTICAL WHEELED VEHICLES	53,564	9,671	53,564	–43,893	9,671
		Incomplete development goals		[–43,893]		[–43,893]	
100	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	102,201	102,201	102,201		102,201
101	0604710A	NIGHT VISION SYSTEMS—ENG DEV	48,720	133,143	56,220	34,109	82,829
		Enhanced Night Vision Goggle—Binocular capability enhancements.			[7,500]		
		Rephase from Procurement for IVAS 1.2 development		[89,451]		[39,137]	
		Slow expenditure—Joint Effects Targetting System (JETS)		[–5,028]		[–5,028]	
102	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,223	2,223	2,223		2,223
103	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	21,441	21,441	21,441		21,441
104	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	74,738	84,738	74,738	10,000	84,738
		Software Integration Digital Eco-system		[10,000]		[10,000]	
105	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	30,985	30,985	30,985		30,985
106	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	13,626	13,626	13,626		13,626
107	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	8,802	8,802	8,802		8,802
108	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	20,828	20,828	20,828		20,828
109	0604802A	WEAPONS AND MUNITIONS—ENG DEV	243,851	258,851	243,851	10,000	253,851
		Long Range Precision Guidance Kit		[15,000]		[10,000]	
110	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	37,420	37,420	42,420	5,000	42,420
		Ultra-Lightweight Camouflage Net System			[5,000]	[5,000]	

111	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV.	34,214	34,214	34,214		34,214
112	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	6,496	6,496	6,496		6,496
113	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	13,581	13,581	13,581		13,581
114	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	168,574	160,778	168,574		168,574
		Slow expenditure rate—Expeditionary Army Command Post		[–5,049]			
		Slow expenditure rate—Sustainment Transport System		[–2,747]			
115	0604820A	RADAR DEVELOPMENT	94,944	94,944	94,944		94,944
116	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	2,965	2,965	2,965		2,965
117	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	11,333	11,333	11,333		11,333
118	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	79,250	79,250	79,250	–1,200	78,050
		Maintain program management level of effort				[–1,200]	
119	0604854A	ARTILLERY SYSTEMS—EMD	42,490	42,490	42,490		42,490
120	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	104,024	104,024	104,024		104,024
121	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	102,084	102,084	102,084		102,084
123	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	18,662	18,662	18,662		18,662
124	0605031A	JOINT TACTICAL NETWORK (JTN)	30,328	30,328	30,328		30,328
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	11,509	11,509	11,509		11,509
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	1,050	1,050	1,050		1,050
128	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	27,714	27,714	27,714		27,714
129	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	4,318	4,318	4,318		4,318
130	0605047A	CONTRACT WRITING SYSTEM	16,355	16,355	16,355		16,355
131	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)	27,571	27,571	27,571		27,571
132	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	24,900	24,900	24,900		24,900
133	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	196,248	196,248	196,248		196,248
134	0605053A	GROUND ROBOTICS	35,319	35,319	35,319		35,319
135	0605054A	EMERGING TECHNOLOGY INITIATIVES	201,274	149,834	201,274	–51,440	149,834
		Program decrease		[–2,500]		[–51,440]	
		Prototype delay		[–48,940]			
137	0605144A	NEXT GENERATION LOAD DEVICE—MEDIUM	36,970	25,559	36,970		36,970

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Unjustified cost growth		[–11,411]			
139	0605148A	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD	132,136	132,136	132,136		132,136
140	0605203A	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	81,657	81,657	81,657		81,657
141	0605205A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)	31,284	31,284	31,284	–3,923	27,361
		Unjustified growth				[–3,923]	
142	0605206A	CI AND HUMINT EQUIPMENT PROGRAM-ARMY (CIHEP-A)	2,170	2,170	2,170		2,170
143	0605216A	JOINT TARGETING INTEGRATED COMMAND AND COORDINATION SUITE (JTIC2S).	9,290	9,290	9,290		9,290
144	0605224A	MULTI-DOMAIN INTELLIGENCE	41,003	41,003	41,003		41,003
146	0605231A	PRECISION STRIKE MISSILE (PRSM)	272,786	272,786	272,786		272,786
147	0605232A	HYPERSONICS EMD	900,920	900,920	900,920		900,920
148	0605233A	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	27,361	27,361	27,361		27,361
149	0605235A	STRATEGIC MID-RANGE CAPABILITY	348,855	348,855	348,855		348,855
150	0605236A	INTEGRATED TACTICAL COMMUNICATIONS	22,901	22,901	22,901		22,901
151	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	3,014	3,014	3,014		3,014
152	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	284,095	273,195	284,095		284,095
		Capability development excess growth		[–10,900]			
153	0605531A	COUNTER—SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION.	36,016	36,016	36,016		36,016
154	0605625A	MANNED GROUND VEHICLE	996,653	875,753	996,653	–120,900	875,753
		OMFV slow expenditure		[–120,900]		[–120,900]	
155	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	15,129	15,129	15,129		15,129
156	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	27,243	26,143	27,243	–1,100	26,143
		Slow expenditure		[–1,100]		[–1,100]	
157	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	1,167	1,167	1,167		1,167
158	0303032A	TROJAN—RH12	3,879	3,879	3,879		3,879

159	0304270A	ELECTRONIC WARFARE DEVELOPMENT	137,186	137,186	137,186		137,186
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	**5,639,364**	**5,485,003**	**5,651,864**	**–178,347**	**5,461,017**
		MANAGEMENT SUPPORT					
160	0604256A	THREAT SIMULATOR DEVELOPMENT	38,492	38,492	38,492		38,492
161	0604258A	TARGET SYSTEMS DEVELOPMENT	11,873	26,873	11,873	10,000	21,873
		Program increase		[5,000]		[5,000]	
		U.S. Replacement for Foreign Engines for Aerial Targets		[10,000]		[5,000]	
162	0604759A	MAJOR T&E INVESTMENT	76,167	76,167	76,167		76,167
163	0605103A	RAND ARROYO CENTER	37,078	37,078	37,078		37,078
164	0605301A	ARMY KWAJALEIN ATOLL	314,872	314,872	314,872		314,872
165	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	95,551	95,551	95,551		95,551
167	0605601A	ARMY TEST RANGES AND FACILITIES	439,118	439,118	449,118		439,118
		Radar Range Replacement Program			[10,000]		
168	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	42,220	72,220	42,220	5,000	47,220
		Rapid Assurance Modernization Program		[30,000]		[5,000]	
169	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	37,518	37,518	37,518		37,518
170	0605606A	AIRCRAFT CERTIFICATION	2,718	2,718	2,718		2,718
172	0605706A	MATERIEL SYSTEMS ANALYSIS	26,902	26,902	26,902		26,902
173	0605709A	EXPLOITATION OF FOREIGN ITEMS	7,805	7,805	7,805		7,805
174	0605712A	SUPPORT OF OPERATIONAL TESTING	75,133	75,133	75,133		75,133
175	0605716A	ARMY EVALUATION CENTER	71,118	71,118	71,118		71,118
176	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	11,204	11,204	11,204		11,204
177	0605801A	PROGRAMWIDE ACTIVITIES	93,895	93,895	93,895		93,895
178	0605803A	TECHNICAL INFORMATION ACTIVITIES	31,327	36,227	31,327		31,327
		Modeling & Simulation—Infrastructure		[4,900]			
179	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	50,409	50,409	50,409		50,409
180	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,629	1,629	1,629		1,629
181	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	55,843	55,843	55,843		55,843
182	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	91,340	95,340	91,340		91,340
		Mission Control Center Modernization		[4,000]			

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
183	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	6,348	6,348	6,348		6,348
185	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	6,025	6,025	6,025		6,025
		SUBTOTAL MANAGEMENT SUPPORT	**1,624,585**	**1,678,485**	**1,634,585**	**15,000**	**1,639,585**
		OPERATIONAL SYSTEMS DEVELOPMENT					
187	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	14,465	14,465	14,465		14,465
188	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	7,472	7,472	7,472		7,472
189	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	8,425	8,425	8,425		8,425
190	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	1,507	1,507	11,507	21,500	23,007
		Program increase			[10,000]	[21,500]	
191	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	9,265	24,265	19,265	12,500	21,765
		714C Engine Enhancement		[15,000]		[7,500]	
		Program increase			[10,000]	[5,000]	
192	0607139A	IMPROVED TURBINE ENGINE PROGRAM	201,247	191,062	201,247	–10,185	191,062
		Excessive growth—Government Planning		[–1,721]		[–1,721]	
		Slow expenditure rate		[–8,464]		[–8,464]	
193	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	3,014	3,014	3,014		3,014
194	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	25,393	25,393	25,393		25,393
195	0607145A	APACHE FUTURE DEVELOPMENT	10,547	35,547	20,547	7,500	18,047
		Apache future development program increase			[10,000]	[7,500]	
		Apache modernization		[25,000]			
196	0607148A	AN/TPQ–53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM.	54,167	54,167	54,167		54,167
197	0607150A	INTEL CYBER DEVELOPMENT	4,345	4,345	4,345		4,345
198	0607312A	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	19,000	19,000	19,000		19,000

199	0607313A	ELECTRONIC WARFARE DEVELOPMENT	6,389	6,389	6,389		6,389
200	0607315A	ENDURING TURBINE ENGINES AND POWER SYSTEMS	2,411	2,411	2,411		2,411
201	0607665A	FAMILY OF BIOMETRICS	797	797	797		797
202	0607865A	PATRIOT PRODUCT IMPROVEMENT	177,197	177,197	177,197		177,197
203	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCS).	42,177	42,177	42,177		42,177
204	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	146,635	149,935	146,635	77,855	224,490
		Abrams Modernization Program		[15,000]		[88,300]	
		Slow expenditure—Stryker Combat Vehicle Improvement Program.		[–11,700]		[–10,445]	
205	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	122,902	110,802	122,902	–12,100	110,802
		Excess growth—ERCA range prototype build		[–5,900]		[–5,900]	
		Slow expenditure—Extended Range Cannon Artillery		[–6,200]		[–6,200]	
207	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	146	146	146		146
208	0203758A	DIGITIZATION	1,515	1,515	1,515		1,515
209	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	4,520	4,520	4,520		4,520
210	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	10,044	10,044	10,044		10,044
211	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	281	281	281		281
212	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	75,952	75,952	75,952		75,952
213	0208053A	JOINT TACTICAL GROUND SYSTEM	203	203	203		203
216	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	301	301	301		301
217	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	15,323	15,323	15,323		15,323
218	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	13,082	13,082	13,082		13,082
219	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	26,838	26,838	26,838		26,838
222	0305179A	INTEGRATED BROADCAST SERVICE (IBS)	9,456	9,456	9,456		9,456
225	0305219A	MQ–1C GRAY EAGLE UAS	6,629	6,629	6,629		6,629
227	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	75,317	85,317	75,317	10,000	85,317
		Additive manufacturing expansion		[10,000]		[10,000]	
9999	9999999999	CLASSIFIED PROGRAMS	8,786	6,286	8,786		8,786
		Program decrease		[–2,500]			
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**1,105,748**	**1,134,263**	**1,135,748**	**107,070**	**1,212,818**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS					
228	0608041A	DEFENSIVE CYBER—SOFTWARE PROTOTYPE DEVELOPMENT	83,570	83,570	83,570		83,570
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**83,570**	**83,570**	**83,570**		**83,570**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY	**15,775,381**	**80,041**	**144,500**	**190,771**	**15,966,152**
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY					
		BASIC RESEARCH					
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	96,355	101,355	96,355	10,000	106,355
		Defense University Research Instrumentation Program (DURIP).		[5,000]		[10,000]	
002	0601153N	DEFENSE RESEARCH SCIENCES	540,908	543,908	540,908	3,000	543,908
		Hypersonic research initiatives		[3,000]		[3,000]	
		SUBTOTAL BASIC RESEARCH	**637,263**	**645,263**	**637,263**	**13,000**	**650,263**
		APPLIED RESEARCH					
003	0602114N	POWER PROJECTION APPLIED RESEARCH	23,982	23,982	23,982		23,982
004	0602123N	FORCE PROTECTION APPLIED RESEARCH	142,148	144,648	142,148	2,500	144,648
		Cavitation erosion research		[2,500]		[2,500]	
005	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	59,208	66,708	59,208	9,500	68,708
		Next Generation Lithium Ion Batteries		[5,000]			
		Unmanned logistics solutions		[2,500]		[9,500]	
006	0602235N	COMMON PICTURE APPLIED RESEARCH	52,090	52,090	52,090		52,090
007	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	74,722	74,722	82,722	3,000	77,722
		Research on foreign malign influence operations			[8,000]	[3,000]	

008	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	92,473	92,473	92,473		92,473
009	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	80,806	90,806	87,806	9,000	89,806
		Continous distributed sensing systems		[10,000]		[4,000]	
		Intelligent Autonomous Systems for Seabed Warfare			[7,000]	[5,000]	
010	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	7,419	7,419	7,419		7,419
011	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	61,503	69,003	61,503	12,500	74,003
		Academic Partnerships for Submarine & Undersea Vehicle Research & Manufacturing.		[5,000]		[10,000]	
		Undersea Sensing and Communications		[2,500]		[2,500]	
012	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	182,662	185,162	182,662		182,662
		Long endurance mobile autonomous passive acoustic sensing research.		[2,500]			
013	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	30,435	30,435	30,435		30,435
014	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	133,828	133,828	133,828		133,828
015	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACITIVITIES.	85,063	80,063	85,063		85,063
		Early to need		[–5,000]			
		SUBTOTAL APPLIED RESEARCH	**1,026,339**	**1,051,339**	**1,041,339**	**36,500**	**1,062,839**
		ADVANCED TECHNOLOGY DEVELOPMENT					
016	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	29,512	29,512	29,512		29,512
017	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,418	8,418	8,418		8,418
018	0603273N	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS.	112,329	112,329	112,329		112,329
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	308,217	320,717	323,217	23,000	331,217
		Adaptive Future Force			[5,000]	[5,000]	
		Early to need		[–5,000]			
		Hardware In the Loop capabilities			[5,000]	[8,000]	
		Hybrid electrical VTOL UAS development		[2,500]			
		Long Range Maneuvering Projectile		[15,000]		[10,000]	
		Next generation unmanned aerial system distribution platform.			[5,000]		

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	15,556	15,556	15,556		15,556
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	264,700	267,200	264,700	2,500	267,200
		Automated acoustic signal classifier		[2,500]		[2,500]	
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	61,843	61,843	61,843		61,843
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	5,100	5,100	9,100	1,500	6,600
		Balloon catheter hemorrhage control device			[4,000]	[1,500]	
024	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	75,898	75,898	75,898		75,898
025	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	2,048	2,048	2,048		2,048
026	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	132,931	142,931	132,931	1,500	134,431
		HEL weapon system		[10,000]		[1,500]	
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**1,016,552**	**1,041,552**	**1,035,552**	**28,500**	**1,045,052**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
027	0603128N	UNMANNED AERIAL SYSTEM	108,225	108,225	108,225	–3,172	105,053
		ILS support previously funded				[–3,172]	
028	0603178N	LARGE UNMANNED SURFACE VEHICLES (LUSV)	117,400	117,400	117,400		117,400
029	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	40,653	45,653	40,653	3,000	43,653
		Autonomous surface and underwater dual-modality vehicles.		[5,000]		[3,000]	
030	0603216N	AVIATION SURVIVABILITY	20,874	20,874	20,874		20,874
031	0603239N	NAVAL CONSTRUCTION FORCES	7,821	7,821	7,821		7,821
032	0603254N	ASW SYSTEMS DEVELOPMENT	17,090	17,090	17,090		17,090
033	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,721	3,721	3,721		3,721
034	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	6,216	16,216	6,216	3,000	9,216

		Tier 2.5 LO Inspection Technology		[10,000]		[3,000]	
035	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	34,690	34,690	34,690		34,690
036	0603506N	SURFACE SHIP TORPEDO DEFENSE	730	730	730		730
037	0603512N	CARRIER SYSTEMS DEVELOPMENT	6,095	6,095	6,095		6,095
038	0603525N	PILOT FISH	916,208	916,208	916,208		916,208
039	0603527N	RETRACT LARCH	7,545	7,545	7,545		7,545
040	0603536N	RETRACT JUNIPER	271,109	271,109	271,109		271,109
041	0603542N	RADIOLOGICAL CONTROL	811	811	811		811
042	0603553N	SURFACE ASW	1,189	1,189	1,189		1,189
043	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	88,415	88,415	88,415		88,415
044	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	15,119	15,119	15,119		15,119
045	0603563N	SHIP CONCEPT ADVANCED DESIGN	89,939	94,939	89,939	7,000	96,939
		Support for Additive Manufacturing		[5,000]		[7,000]	
046	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	121,402	126,402	121,402	5,000	126,402
		Ship Concept Advanced Design		[5,000]		[5,000]	
047	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	319,656	319,656	319,656		319,656
048	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	133,911	138,911	133,911	5,000	138,911
		Support Shipboard Distribution of High-Power Energy		[5,000]		[5,000]	
049	0603576N	CHALK EAGLE	116,078	116,078	116,078		116,078
050	0603581N	LITTORAL COMBAT SHIP (LCS)	32,615	32,615	32,615		32,615
051	0603582N	COMBAT SYSTEM INTEGRATION	18,610	18,610	18,610		18,610
052	0603595N	OHIO REPLACEMENT	257,076	267,076	262,076	10,000	267,076
		Advanced composites for wet submarine applications			[5,000]		
		Rapid composites		[10,000]		[10,000]	
053	0603596N	LCS MISSION MODULES	31,464	16,464	31,464		31,464
		Insufficient justification		[–15,000]			
054	0603597N	AUTOMATED TEST AND RE-TEST (ATRT)	10,809	10,809	10,809		10,809
055	0603599N	FRIGATE DEVELOPMENT	112,972	112,972	112,972	–2,800	110,172
		Live fire test and evaluation early to need				[–2,800]	
056	0603609N	CONVENTIONAL MUNITIONS	9,030	9,030	9,030		9,030
057	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	128,782	110,982	128,782	–9,593	119,189
		Slow expenditure		[–17,800]		[–9,593]	

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	44,766	44,766	44,766		44,766
059	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	10,751	10,751	10,751		10,751
060	0603721N	ENVIRONMENTAL PROTECTION	24,457	24,457	24,457		24,457
061	0603724N	NAVY ENERGY PROGRAM	72,214	77,214	72,214	5,000	77,214
		Marine Energy Systems for Sensors and Microgrids		[5,000]		[5,000]	
062	0603725N	FACILITIES IMPROVEMENT	10,149	10,149	10,149		10,149
063	0603734N	CHALK CORAL	687,841	522,841	687,841	–165,000	522,841
		Program decrease		[–165,000]		[–165,000]	
064	0603739N	NAVY LOGISTIC PRODUCTIVITY	4,712	2,712	4,712		4,712
		Program decrease		[–2,000]			
065	0603746N	RETRACT MAPLE	420,455	420,455	420,455		420,455
066	0603748N	LINK PLUMERIA	2,100,474	1,000,174	2,100,474	–50,000	2,050,474
		Project 2937: Unjustified requirements		[–1,100,300]		[–50,000]	
067	0603751N	RETRACT ELM	88,036	88,036	88,036		88,036
068	0603764M	LINK EVERGREEN	547,005	547,005	547,005		547,005
069	0603790N	NATO RESEARCH AND DEVELOPMENT	6,265	6,265	6,265		6,265
070	0603795N	LAND ATTACK TECHNOLOGY	1,624	4,124	1,624		1,624
		Hypervelocity Projectile—Seeker Integration		[2,500]			
071	0603851M	JOINT NON-LETHAL WEAPONS TESTING	31,058	31,058	31,058		31,058
072	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL.	22,590	22,590	22,590		22,590
073	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	52,129	52,129	52,129		52,129
074	0604014N	F/A –18 INFRARED SEARCH AND TRACK (IRST)	32,127	32,127	32,127		32,127
075	0604027N	DIGITAL WARFARE OFFICE	181,001	181,001	181,001		181,001
076	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	110,506	105,506	110,506	–16,515	93,991
		Late execution—MEDUSA		[–5,000]			
		Medusa unexecutable contract award date				[–16,515]	

077	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	71,156	71,156	71,156		71,156
078	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION..	214,100	214,100	214,100		214,100
079	0604031N	LARGE UNMANNED UNDERSEA VEHICLES	6,900	6,900	6,900		6,900
080	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	118,182	118,182	118,182		118,182
082	0604127N	SURFACE MINE COUNTERMEASURES	16,127	16,127	16,127		16,127
083	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	34,684	34,684	34,684		34,684
084	0604289M	NEXT GENERATION LOGISTICS	5,991	5,991	5,991		5,991
085	0604292N	FUTURE VERTICAL LIFT (MARITIME STRIKE)	2,100	2,100	2,100		2,100
086	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	131,763	131,763	131,763		131,763
087	0604454N	LX (R)	21,319	21,319	21,319		21,319
088	0604536N	ADVANCED UNDERSEA PROTOTYPING	104,328	104,328	104,328	–21,725	82,603
		Program delays				[–21,725]	
089	0604636N	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	11,567	11,567	11,567		11,567
090	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	5,976	195,976	195,976	190,000	195,976
		Nuclear-armed sea-launched cruise missile			[190,000]		
		SLCM-N		[190,000]		[190,000]	
091	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.	9,993	9,993	9,993		9,993
092	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.	237,655	237,655	237,655		237,655
093	0605512N	MEDIUM UNMANNED SURFACE VEHICLES (MUSVS))	85,800	85,800	85,800	–11,552	74,248
		Program delays				[–11,552]	
094	0605513N	UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES	176,261	176,261	176,261	–4,281	171,980
		Prior year underexecution				[–4,281]	
095	0605514M	GROUND BASED ANTI-SHIP MISSILE	36,383	36,383	36,383		36,383
096	0605516M	LONG RANGE FIRES	36,763	36,763	36,763		36,763
097	0605518N	CONVENTIONAL PROMPT STRIKE (CPS)	901,064	921,064	901,064		901,064
		Mach-TB		[20,000]			
098	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	10,167	10,167	10,167		10,167

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
099	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	539	9,439	539	8,900	9,439
		KAMAN KARGO		[8,900]		[8,900]	
100	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	1,250	1,250	1,250		1,250
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**9,734,483**	**8,695,783**	**9,929,483**	**–47,738**	**9,686,745**
		SYSTEM DEVELOPMENT & DEMONSTRATION					
101	0603208N	TRAINING SYSTEM AIRCRAFT	44,120	44,120	44,120		44,120
102	0604038N	MARITIME TARGETING CELL	30,922	30,922	30,922		30,922
103	0604212M	OTHER HELO DEVELOPMENT	101,209	101,209	101,209	–17,595	83,614
		Project 3406 insufficient justification				[–17,595]	
104	0604212N	OTHER HELO DEVELOPMENT	2,604	2,604	2,604		2,604
105	0604214M	AV–8B AIRCRAFT—ENG DEV	8,263	8,263	8,263		8,263
106	0604215N	STANDARDS DEVELOPMENT	4,039	4,039	4,039		4,039
107	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	62,350	62,350	62,350		62,350
108	0604221N	P–3 MODERNIZATION PROGRAM	771	771	771		771
109	0604230N	WARFARE SUPPORT SYSTEM	109,485	109,485	109,485		109,485
110	0604231N	COMMAND AND CONTROL SYSTEMS	87,457	87,457	87,457		87,457
111	0604234N	ADVANCED HAWKEYE	399,919	449,219	399,919	20,000	419,919
		Navy UPL—E–2D Theater Combat ID and HECTR		[49,300]		[20,000]	
112	0604245M	H–1 UPGRADES	29,766	29,766	29,766		29,766
113	0604261N	ACOUSTIC SEARCH SENSORS	51,531	51,531	51,531		51,531
114	0604262N	V–22A	137,597	137,597	137,597		137,597
115	0604264N	AIR CREW SYSTEMS DEVELOPMENT	42,155	42,155	42,155		42,155
116	0604269N	EA–18	172,507	172,507	172,507		172,507
117	0604270N	ELECTRONIC WARFARE DEVELOPMENT	171,384	171,384	171,384	–3,034	168,350
		Prior year underexecution				[–3,034]	

118	0604273M	EXECUTIVE HELO DEVELOPMENT	35,376	35,376	35,376		35,376
119	0604274N	NEXT GENERATION JAMMER (NGJ)	40,477	40,477	40,477		40,477
120	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	451,397	466,397	451,397	10,000	461,397
		Navy Multiband Terminal		[5,000]		[5,000]	
		Satellite Terminal (transportable) Non-Geostationary		[10,000]		[5,000]	
121	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	250,577	199,645	250,577	–50,932	199,645
		Next Generation Jammer—Low Band		[–50,932]		[–50,932]	
122	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	453,311	453,311	453,311	–15,250	438,061
		Aegis capability package 2024 delays				[–5,500]	
		Software SW factory insufficient justification				[–9,750]	
124	0604329N	SMALL DIAMETER BOMB (SDB)	52,211	52,211	52,211		52,211
125	0604366N	STANDARD MISSILE IMPROVEMENTS	418,187	493,187	418,187	–29,376	388,811
		Prior year underexecution				[–29,376]	
		Program increase		[75,000]			
126	0604373N	AIRBORNE MCM	11,368	11,368	11,368		11,368
127	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	66,445	68,945	66,445	2,500	68,945
		Stratospheric Balloon Research		[2,500]		[2,500]	
128	0604419N	ADVANCED SENSORS APPLICATION PROGRAM (ASAP)			13,000	10,000	10,000
		Program increase			[13,000]	[10,000]	
129	0604501N	ADVANCED ABOVE WATER SENSORS	115,396	115,396	115,396		115,396
130	0604503N	SSN–688 AND TRIDENT MODERNIZATION	93,435	93,435	93,435		93,435
131	0604504N	AIR CONTROL	42,656	42,656	42,656		42,656
132	0604512N	SHIPBOARD AVIATION SYSTEMS	10,442	10,442	10,442		10,442
133	0604518N	COMBAT INFORMATION CENTER CONVERSION	11,359	11,359	11,359		11,359
134	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	90,307	90,307	90,307		90,307
135	0604530N	ADVANCED ARRESTING GEAR (AAG)	10,658	10,658	10,658		10,658
136	0604558N	NEW DESIGN SSN	234,356	241,356	234,356	7,000	241,356
		Precision Manuevering Unit		[7,000]		[7,000]	
137	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	71,516	71,516	71,516		71,516
138	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	22,462	22,462	22,462		22,462
139	0604574N	NAVY TACTICAL COMPUTER RESOURCES	4,279	4,279	4,279		4,279

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
140	0604601N	MINE DEVELOPMENT	104,731	99,731	104,731		104,731
		Program decrease		[–5,000]			
141	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	229,668	229,668	229,668	–8,500	221,168
		Project 3418 testing ahead of need				[–8,500]	
142	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	9,064	9,064	9,064		9,064
143	0604657M	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS—ENG DEV.	62,329	62,329	62,329	–20,181	42,148
		OPF-M termination				[–20,181]	
144	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	9,319	9,319	9,319		9,319
145	0604727N	JOINT STANDOFF WEAPON SYSTEMS	1,964	1,964	1,964		1,964
146	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	158,426	158,426	158,426		158,426
147	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	47,492	52,492	47,492		47,492
		Ship Self Defense (Soft Kill)		[5,000]			
148	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	125,206	125,206	125,206		125,206
149	0604761N	INTELLIGENCE ENGINEERING	19,969	19,969	19,969		19,969
150	0604771N	MEDICAL DEVELOPMENT	6,061	6,061	6,061		6,061
151	0604777N	NAVIGATION/ID SYSTEM	45,262	45,262	45,262		45,262
154	0604850N	SSN(X)	361,582	361,582	361,582	–39,754	321,828
		Unjustified growth—management and support costs				[–7,950]	
		Unjustified growth—NSWC studies				[–13,804]	
		Unjustified growth—shipbuilder studies				[–18,000]	
155	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	22,663	22,663	22,663		22,663
156	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	282,138	283,138	282,138	1,000	283,138
		Cyber supply chain risk management		[1,000]		[1,000]	
157	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	8,340	8,340	8,340		8,340
158	0605180N	TACAMO MODERNIZATION	213,743	213,743	213,743		213,743
159	0605212M	CH–53K RDTE	222,288	222,288	222,288		222,288

160	0605215N	MISSION PLANNING	86,448	86,448	86,448		86,448
161	0605217N	COMMON AVIONICS	81,076	81,076	81,076		81,076
162	0605220N	SHIP TO SHORE CONNECTOR (SSC)	1,343	1,343	1,343		1,343
163	0605327N	T-AO 205 CLASS	71	71	71		71
164	0605414N	UNMANNED CARRIER AVIATION (UCA)	220,404	220,404	220,404	–20,403	200,001
		Test excess to need due to EDM delays				[–20,403]	
165	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM)	384	384	384		384
166	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	36,027	36,027	36,027		36,027
167	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	132,449	132,449	132,449		132,449
168	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	103,236	103,236	103,236		103,236
169	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	2,609	2,609	2,609		2,609
170	0204202N	DDG–1000	231,778	231,778	231,778	–8,334	223,444
		Prior year underexecution				[–8,334]	
171	0301377N	COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW)	17,531	17,531	17,531		17,531
172	0304785N	ISR & INFO OPERATIONS	174,271	174,271	174,271		174,271
173	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	2,068	2,068	2,068		2,068
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	**6,962,234**	**7,061,102**	**6,975,234**	**–162,859**	**6,799,375**
		MANAGEMENT SUPPORT					
174	0604256N	THREAT SIMULATOR DEVELOPMENT	22,918	22,918	22,918		22,918
175	0604258N	TARGET SYSTEMS DEVELOPMENT	18,623	18,623	18,623		18,623
176	0604759N	MAJOR T&E INVESTMENT	74,221	74,221	74,221		74,221
177	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,229	3,229	3,229		3,229
178	0605154N	CENTER FOR NAVAL ANALYSES	45,672	45,672	45,672		45,672
180	0605804N	TECHNICAL INFORMATION SERVICES	1,000	1,000	1,000		1,000
181	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	124,328	131,828	124,328		124,328
		Program increase		[7,500]			
182	0605856N	STRATEGIC TECHNICAL SUPPORT	4,053	4,053	4,053		4,053
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	203,447	203,447	203,447		203,447
184	0605864N	TEST AND EVALUATION SUPPORT	481,975	481,975	484,975		481,975

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Atlantic Undersea Test and Evaluation Center improvements.			[3,000]		
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	29,399	29,399	29,399		29,399
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	27,504	27,504	27,504		27,504
187	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	9,183	9,183	9,183		9,183
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	34,976	34,976	34,976		34,976
189	0605898N	MANAGEMENT HQ—R&D	41,331	41,331	41,331		41,331
190	0606355N	WARFARE INNOVATION MANAGEMENT	37,340	37,340	37,340		37,340
191	0305327N	INSIDER THREAT	2,246	2,246	2,246		2,246
192	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	2,168	2,168	2,168		2,168
		SUBTOTAL MANAGEMENT SUPPORT	**1,163,613**	**1,171,113**	**1,166,613**		**1,163,613**
		OPERATIONAL SYSTEMS DEVELOPMENT					
196	0604840M	F–35 C2D2	544,625	507,125	544,625	–35,503	509,122
		TR–3/B4 Unplanned cost growth		[–37,500]		[–35,503]	
197	0604840N	F–35 C2D2	543,834	506,334	543,834	–31,568	512,266
		TR–3/B4 Unplanned cost growth		[–37,500]		[–31,568]	
198	0605520M	MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS	99,860	89,360	99,860	–10,500	89,360
		Slow expenditure		[–10,500]		[–10,500]	
199	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	153,440	153,440	153,440		153,440
200	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	321,648	321,648	331,648		321,648
		Fleet Ballistic Missile Strategic Weapon System			[10,000]		
201	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	62,694	62,694	62,694		62,694
202	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	92,869	92,869	92,869		92,869
203	0101402N	NAVY STRATEGIC COMMUNICATIONS	51,919	72,319	51,919		51,919
		Navy UPL—VIOLET - Navy Strategic Communications		[20,400]			

204	0204136N	F/A–18 SQUADRONS	333,783	333,783	333,783	–12,000	321,783
		Next generation naval mission planning system insufficient justification.				[–12,000]	
205	0204228N	SURFACE SUPPORT	8,619	8,619	8,619		8,619
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	122,834	122,834	122,834		122,834
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM	76,279	76,279	76,279		76,279
208	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	1,103	1,103	1,103		1,103
209	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	1,991	1,991	1,991		1,991
210	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	92,674	77,574	92,674	–8,600	84,074
		Slow expenditure		[–15,100]		[–8,600]	
211	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	115,894	115,894	115,894		115,894
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	61,677	61,677	61,677		61,677
213	0205601N	ANTI-RADIATION MISSILE IMPROVEMENT	59,555	59,555	59,555		59,555
214	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	29,973	29,973	29,973		29,973
215	0205632N	MK–48 ADCAP	213,165	213,165	213,165		213,165
216	0205633N	AVIATION IMPROVEMENTS	143,277	143,277	143,277		143,277
217	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	152,546	152,546	152,546		152,546
218	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	192,625	183,725	192,625	–8,900	183,725
		Marine Electromagnetic Warfare Ground Family of Systems		[–7,200]		[–7,200]	
		Tactical Communication Modernization		[–1,700]		[–1,700]	
219	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S).	12,565	12,565	12,565		12,565
220	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.	83,900	83,900	83,900		83,900
221	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	27,794	27,794	27,794		27,794
222	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).	47,762	47,762	47,762		47,762
223	0206629M	AMPHIBIOUS ASSAULT VEHICLE	373	373	373		373
224	0207161N	TACTICAL AIM MISSILES	36,439	36,439	36,439		36,439
225	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	29,198	29,198	29,198		29,198

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
226	0208043N	PLANNING AND DECISION AID SYSTEM (PDAS)	3,565	3,565	3,565		3,565
230	0303138N	AFLOAT NETWORKS	49,995	49,995	49,995		49,995
231	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	33,390	33,390	33,390		33,390
232	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	7,304	7,304	7,304		7,304
233	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	11,235	11,235	11,235		11,235
234	0305205N	UAS INTEGRATION AND INTEROPERABILITY	16,409	16,409	16,409		16,409
235	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	51,192	43,992	51,192		51,192
		Distributed Common Ground System Marine Corps (DCGS-MC).		[–7,200]			
236	0305220N	MQ–4C TRITON	12,094	12,094	12,094		12,094
237	0305231N	MQ–8 UAV	29,700	29,700	29,700		29,700
238	0305232M	RQ–11 UAV	2,107	2,107	2,107		2,107
239	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASL0)	2,999	2,999	2,999		2,999
240	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	49,460	49,460	49,460		49,460
241	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	13,005	13,005	13,005		13,005
242	0305251N	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,000	2,000	2,000		2,000
243	0305421N	RQ–4 MODERNIZATION	300,378	300,378	300,378		300,378
244	0307577N	INTELLIGENCE MISSION DATA (IMD)	788	788	788		788
245	0308601N	MODELING AND SIMULATION SUPPORT	10,994	10,994	10,994		10,994
246	0702207N	DEPOT MAINTENANCE (NON-IF)	23,248	23,248	23,248		23,248
247	0708730N	MARITIME TECHNOLOGY (MARITECH)	3,284	3,284	3,284		3,284
9999	9999999999	CLASSIFIED PROGRAMS	2,021,376	2,061,376	2,021,376	40,000	2,061,376
		INDOPACOM UPL		[40,000]		[40,000]	
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**6,359,438**	**6,303,138**	**6,369,438**	**–67,071**	**6,292,367**

SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS

249	0608013N	RISK MANAGEMENT INFORMATION—SOFTWARE PILOT PROGRAM.	11,748	11,748	11,748		11,748
250	0608231N	MARITIME TACTICAL COMMAND AND CONTROL (MTC2)—SOFTWARE PILOT PROGRAM.	10,555	10,555	10,555		10,555
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**22,303**	**22,303**	**22,303**		**22,303**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	**26,922,225**	**–930,632**	**255,000**	**–199,668**	**26,722,557**
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF					
		BASIC RESEARCH					
001	0601102F	DEFENSE RESEARCH SCIENCES	401,486	401,486	401,486		401,486
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	182,372	186,872	182,372		182,372
		UARC Advanced Research on Strategic Deterrence—TriPolar Game Theory.		[2,000]			
		University Consortium for Space Technology		[2,500]			
		SUBTOTAL BASIC RESEARCH	**583,858**	**588,358**	**583,858**		**583,858**
		APPLIED RESEARCH					
003	0602020F	FUTURE AF CAPABILITIES APPLIED RESEARCH	90,713	88,213	90,713		90,713
		University Consortium for Space Technology		[–2,500]			
004	0602022F	UNIVERSITY AFFILIATED RESEARCH CENTER (UARC)—TACTICAL AUTONOMY.	8,018	8,018	8,018		8,018
005	0602102F	MATERIALS	142,325	147,325	151,325	20,500	162,825
		Advanced materials science for manufacturing research			[9,000]	[9,000]	
		High energy synchrotron x-ray research		[2,500]		[9,000]	
		Materials development for high mach capabilities		[2,500]		[2,500]	
006	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	161,268	163,768	161,268	2,500	163,768
		Aerospace engineering systems security integration		[2,500]		[2,500]	
007	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	146,921	144,421	146,921		146,921
		Program decrease		[–2,500]			
008	0602203F	AEROSPACE PROPULSION	184,867	189,867	184,867	5,000	189,867

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		High mach turbine engine		[5,000]		[5,000]	
009	0602204F	AEROSPACE SENSORS	216,269	216,269	216,269		216,269
011	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS ACTIVITIES.	10,303	10,303	10,303		10,303
012	0602602F	CONVENTIONAL MUNITIONS	160,599	160,599	160,599		160,599
013	0602605F	DIRECTED ENERGY TECHNOLOGY	129,961	129,961	118,452	–11,509	118,452
		DAF requested realignment of funds to 6601SF			[–11,509]	[–11,509]	
014	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	182,076	178,567	220,076	48,000	230,076
		Distributed quantum information sciences networking testbed.			[5,000]	[5,000]	
		Future Flag experimentation testbed			[15,000]	[25,000]	
		Ion trapped quantum information sciences computer			[8,000]	[8,000]	
		JADC2 Operational Testbed		[5,000]			
		Multi-domain radio frequency spectrum testing environment.			[5,000]	[5,000]	
		Secure Interference Avoiding Connectivity of Autonomous AI Machines.		[3,000]			
		Secure interference-avoiding connectivity of autonomous artificially intelligent machines.			[5,000]	[5,000]	
		Technical realignment		[–11,509]			
		SUBTOTAL APPLIED RESEARCH	**1,433,320**	**1,437,311**	**1,468,811**	**64,491**	**1,497,811**
		ADVANCED TECHNOLOGY DEVELOPMENT					
015	0603032F	FUTURE AF INTEGRATED TECHNOLOGY DEMOS	255,855	230,855	213,655	–42,200	213,655
		Program reduction			[–42,200]	[–42,200]	
		Rocket Cargo early to need		[–25,000]			
016	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	30,372	32,872	30,372		30,372

		Metals Affordability Initiative		[2,500]			
017	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	10,478	10,478	10,478		10,478
018	0603203F	ADVANCED AEROSPACE SENSORS	48,046	48,046	48,046	–2,200	45,846
		Multi-spectrum sensing demonstration excess to need				[–2,200]	
019	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	51,896	57,896	61,896	20,000	71,896
		Hybrid Electric Propulsion		[6,000]		[7,500]	
		Semiautonomous adversary air platform			[10,000]	[12,500]	
020	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	56,789	59,289	56,789		56,789
		Additive manufacturing for energetics		[2,500]			
021	0603270F	ELECTRONIC COMBAT TECHNOLOGY	32,510	32,510	32,510		32,510
022	0603273F	SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS.	70,321	70,321	70,321		70,321
023	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	2	2	2		2
024	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	15,593	15,593	15,593		15,593
025	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	132,311	132,311	132,311		132,311
026	0603605F	ADVANCED WEAPONS TECHNOLOGY	102,997	92,997	102,997	–10,000	92,997
		Excessive cost growth		[–10,000]		[–10,000]	
027	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	44,422	46,922	49,422	7,500	51,922
		Additive manufacturing for aerospace parts			[5,000]	[5,000]	
		High accuracy robotics		[2,500]		[2,500]	
028	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	37,779	40,279	37,779	2,500	40,279
		Modeling and simulation conversion software		[2,500]		[2,500]	
029	0207412F	CONTROL AND REPORTING CENTER (CRC)	2,005	2,005	2,005		2,005
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**891,376**	**872,376**	**864,176**	**–24,400**	**866,976**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
030	0603036F	MODULAR ADVANCED MISSILE	105,238		105,238	–105,238	
		Program decrease		[–105,238]		[–105,238]	
031	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	6,237	6,237	6,237		6,237
032	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	21,298	21,298	21,298		21,298

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
033	0603790F	NATO RESEARCH AND DEVELOPMENT	2,208	2,208	2,208		2,208
034	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	45,319	45,319	75,319		45,319
		Enhanced ICBM guidance capability and testing			[30,000]		
035	0604001F	NC3 ADVANCED CONCEPTS	10,011	10,011	10,011		10,011
037	0604003F	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	500,575	500,575	500,575		500,575
038	0604004F	ADVANCED ENGINE DEVELOPMENT	595,352	595,352	595,352		595,352
039	0604005F	NC3 COMMERCIAL DEVELOPMENT & PROTOTYPING	78,799	78,799	78,799		78,799
040	0604006F	DEPT OF THE AIR FORCE TECH ARCHITECTURE	2,620			–2,620	
		DAF requested realignment of funds to 64858F			[–2,620]	[–2,620]	
		Technical realignment		[–2,620]			
041	0604007F	E–7	681,039	718,239	681,039		681,039
		Rapid Prototyping		[37,200]			
042	0604009F	AFWERX PRIME	83,336	88,336	83,336	5,000	88,336
		Agility Prime		[5,000]		[5,000]	
043	0604015F	LONG RANGE STRIKE—BOMBER	2,984,143	2,984,143	2,984,143		2,984,143
044	0604025F	RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	154,300	154,300	154,300		154,300
045	0604032F	DIRECTED ENERGY PROTOTYPING	1,246	1,246	1,246		1,246
046	0604033F	HYPERSONICS PROTOTYPING	150,340			–150,340	
		Air-Launched Rapid Response Weapon (ARRW)		[–150,340]		[–150,340]	
		Air-Launched Rapid Response Weapon reduction			[–150,340]		
047	0604183F	HYPERSONICS PROTOTYPING—HYPERSONIC ATTACK CRUISE MISSILE (HACM).	381,528	401,528	381,528		381,528
		HACM Production and Tooling Investment		[20,000]			
048	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	18,041	18,041	18,041		18,041
049	0604257F	ADVANCED TECHNOLOGY AND SENSORS	27,650	27,650	27,650	–2,470	25,180
		Imaging and targeting support excess growth				[–2,470]	
050	0604288F	SURVIVABLE AIRBORNE OPERATIONS CENTER (SAOC)	888,829	888,829	888,829	–98,292	790,537

		EMO excess to need				[–69,716]	
		Management services overestimation				[–15,919]	
		Test and evaluation excess to need				[–12,657]	
051	0604317F	TECHNOLOGY TRANSFER	26,638	26,638	26,638		26,638
052	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	19,266	19,266	19,266		19,266
053	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	37,121	37,121	37,121		37,121
054	0604534F	ADAPTIVE ENGINE TRANSITION PROGRAM (AETP)				280,000	280,000
		Technology Maturation and Risk Reduction				[280,000]	
055	0604668F	JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS)	37,026	37,026	37,026		37,026
056	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	31,833	31,833	31,833		31,833
057	0604858F	TECH TRANSITION PROGRAM	210,806	235,476	235,476	24,670	235,476
		DAF requested realignment of funds from OMAF SAG 11R			[17,550]	[17,550]	
		DAF requested realignment of funds from OMAF SAG 11Z			[4,500]	[4,500]	
		DAF requested realignment of funds from RDAF 64006F			[2,620]	[2,620]	
		Technical realignment		[24,670]			
058	0604860F	OPERATIONAL ENERGY AND INSTALLATION RESILIENCE	46,305	46,305	46,305	–10,402	35,903
		Excess growth				[–10,402]	
059	0605164F	AIR REFUELING CAPABILITY MODERNIZATION	19,400	19,400	19,400		19,400
061	0207110F	NEXT GENERATION AIR DOMINANCE	2,326,128	1,775,528	2,326,128		2,326,128
		Project 646007: Program deferment		[–550,600]			
062	0207179F	AUTONOMOUS COLLABORATIVE PLATFORMS	118,826	176,013	101,013	–17,813	101,013
		DAF requested realignment of funds			[–17,813]	[–17,813]	
		Project 647123: Air-Air Refueling TMRR		[75,000]			
		Technical realignment		[–17,813]			
063	0207420F	COMBAT IDENTIFICATION	1,902	1,902	1,902		1,902
064	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	19,763	19,763	19,763		19,763
065	0207522F	AIRBASE AIR DEFENSE SYSTEMS (ABADS)	78,867	78,867	78,867		78,867
066	0208030F	WAR RESERVE MATERIEL—AMMUNITION	8,175	8,175	8,175		8,175
068	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	25,157	25,157	25,157		25,157
069	0305601F	MISSION PARTNER ENVIRONMENTS	17,727	17,727	17,727		17,727
072	0708051F	RAPID SUSTAINMENT MODERNIZATION (RSM)	43,431	43,431	43,431		43,431

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
073	0808737F	INTEGRATED PRIMARY PREVENTION	9,364	9,364	9,364		9,364
074	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	28,294	28,294	28,294		28,294
075	1206415F	U.S. SPACE COMMAND RESEARCH AND DEVELOPMENT SUPPORT.	14,892	14,892	14,892		14,892
075A	0605057F	NEXT GENERATION AIR-REFUELING SYSTEM		7,928		7,928	7,928
		Technical realignment		[7,928]		[7,928]	
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**9,859,030**	**9,202,217**	**9,742,927**	**–69,577**	**9,789,453**
		SYSTEM DEVELOPMENT & DEMONSTRATION					
076	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	9,757	34,757	9,757	8,000	17,757
		RAACM		[15,000]		[5,000]	
		Stand-Off Attack Weapon Technology		[10,000]		[3,000]	
077	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	163,156	163,156	163,156		163,156
078	0604222F	NUCLEAR WEAPONS SUPPORT	45,884	45,884	45,884		45,884
079	0604270F	ELECTRONIC WARFARE DEVELOPMENT	13,804	13,804	13,804		13,804
080	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	74,023	79,023	79,023	5,000	79,023
		DAF requested realignment of funds			[5,000]	[5,000]	
		Technical realignment		[5,000]			
081	0604287F	PHYSICAL SECURITY EQUIPMENT	10,605	10,605	10,605		10,605
082	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	5,918	5,918	5,918		5,918
083	0604604F	SUBMUNITIONS	3,345	3,345	3,345		3,345
084	0604617F	AGILE COMBAT SUPPORT	21,967	21,967	21,967		21,967
085	0604706F	LIFE SUPPORT SYSTEMS	39,301	39,301	39,301		39,301
086	0604735F	COMBAT TRAINING RANGES	152,569	152,569	152,569		152,569
087	0604932F	LONG RANGE STANDOFF WEAPON	911,406	891,406	891,406	–20,000	891,406
		DAF realignment of funds			[–20,000]	[–20,000]	

		Technical realignment		[–20,000]			
088	0604933F	ICBM FUZE MODERNIZATION	71,732	71,732	71,732		71,732
089	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	2,256	2,256	2,256		2,256
090	0605031F	JOINT TACTICAL NETWORK (JTN)	452	452	452		452
091	0605056F	OPEN ARCHITECTURE MANAGEMENT	36,582	36,582	36,582		36,582
092	0605057F	NEXT GENERATION AIR-REFUELING SYSTEM	7,928		7,928	–7,928	
		Technical realignment		[–7,928]		[–7,928]	
093	0605223F	ADVANCED PILOT TRAINING	77,252	65,652	77,252	–2,272	74,980
		Program delay		[–11,600]		[–2,272]	
094	0605229F	HH–60W	48,268	48,268	48,268	–892	47,376
		Support costs excess to need				[–892]	
095	0605238F	GROUND BASED STRATEGIC DETERRENT EMD	3,746,935	3,739,285	3,739,285	–7,650	3,739,285
		DAF requested realignment of funds			[–7,650]	[–7,650]	
		Technical realignment		[–7,650]			
096	0207171F	F–15 EPAWSS	13,982	13,982	13,982		13,982
097	0207279F	ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY	56,225	56,225	56,225		56,225
098	0207328F	STAND IN ATTACK WEAPON	298,585	298,585	298,585	–13,000	285,585
		Aircraft integration delays				[–13,000]	
099	0207701F	FULL COMBAT MISSION TRAINING	7,597	17,597	7,597	10,000	17,597
		Airborne Augmented Reality for Pilot Training		[10,000]		[10,000]	
100	0208036F	MEDICAL C-CBRNE PROGRAMS	2,006	2,006	2,006		2,006
102	0305205F	ENDURANCE UNMANNED AERIAL VEHICLES	30,000	30,000	30,000		30,000
103	0401221F	KC–46A TANKER SQUADRONS	124,662	124,662	124,662	–37,207	87,455
		Aircrew training system previously funded				[–9,864]	
		Direct mission support excess to need				[–7,168]	
		Test and evaluation previously funded				[–20,175]	
104	0401319F	VC–25B	490,701	433,701	470,701	–57,000	433,701
		5G interference mitigation for critical aircraft navigation and sensor systems on the Presidential Aircraft Fleet.			[30,000]		
		Excess to need		[–57,000]		[–57,000]	
		Program reduction			[–50,000]		
105	0701212F	AUTOMATED TEST SYSTEMS	12,911	12,911	12,911		12,911

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
106	0804772F	TRAINING DEVELOPMENTS	1,922	1,922	1,922		1,922
106A	0102417F	OVER-THE-HORIZON BACKSCATTER RADAR		428,754		428,754	428,754
		Technical realignment		[428,754]		[428,754]	
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	**6,481,731**	**6,846,307**	**6,439,081**	**305,805**	**6,787,536**
		MANAGEMENT SUPPORT					
107	0604256F	THREAT SIMULATOR DEVELOPMENT	16,626	16,626	16,626		16,626
108	0604759F	MAJOR T&E INVESTMENT	31,143	31,143	31,143		31,143
109	0605101F	RAND PROJECT AIR FORCE	38,398	38,398	38,398		38,398
110	0605502F	SMALL BUSINESS INNOVATION RESEARCH	1,466	1,466	1,466		1,466
111	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	13,736	13,736	13,736		13,736
112	0605807F	TEST AND EVALUATION SUPPORT	913,213	946,026	946,026	32,813	946,026
		DAF requested realignment of funds			[32,813]	[32,813]	
		Technical realignment		[32,813]			
113	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	317,901	317,901	317,901		317,901
114	0605828F	ACQ WORKFORCE- GLOBAL REACH	541,677	545,677	541,677		541,677
		Aircraft Cannon Digital Modeling		[4,000]			
115	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	551,213	546,513	536,513	–14,700	536,513
		DAF requested realignment of funds			[–14,700]	[–14,700]	
		Department of Defense software factories		[10,000]			
		Technical realignment		[–14,700]			
117	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION	243,780	273,780	273,780	30,000	273,780
		DAF requested realignment of funds			[30,000]	[30,000]	
		Technical realignment		[30,000]			
118	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	109,030	77,030	77,030	–32,000	77,030
		DAF requested realignment of funds			[–32,000]	[–32,000]	
		Technical realignment		[–32,000]			

119	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS	336,788	336,788	336,788		336,788
120	0605898F	MANAGEMENT HQ—R&D	5,005	6,705	6,705	1,700	6,705
		DAF requested realignment of funds			[1,700]	[1,700]	
		Technical realignment		[1,700]			
121	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	87,889	87,889	87,889		87,889
122	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT.	35,065	35,065	35,065		35,065
123	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	89,956	89,956	89,956		89,956
124	0606398F	MANAGEMENT HQ—T&E	7,453	7,453	7,453		7,453
126	0303255F	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4)—STRATCOM.	20,871	30,871	40,871	25,000	45,871
		NC3 network sensor demonstration			[10,000]	[15,000]	
		NC3 Rapid Engineering Architecture Collaboration Hub (REACH).			[10,000]	[10,000]	
		NC3 STRATCOM		[10,000]			
127	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	100,357	100,357	100,357		100,357
128	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	20,478	20,478	20,478		20,478
129	0804731F	GENERAL SKILL TRAINING	796	796	6,796		796
		Security Work Readiness for Duty			[6,000]		
132	1001004F	INTERNATIONAL ACTIVITIES	3,917	3,917	3,917		3,917
		SUBTOTAL MANAGEMENT SUPPORT	**3,486,758**	**3,528,571**	**3,530,571**	**42,813**	**3,529,571**
		OPERATIONAL SYSTEMS DEVELOPMENT					
134	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	41,464	41,464	41,464	–1,182	40,282
		T–6 avionics replacement program delay				[–1,182]	
135	0604283F	BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT	40,000	5,000	40,000		40,000
		ARSR–4 Replacement Hawai'i Radar		[–35,000]			
136	0604445F	WIDE AREA SURVEILLANCE	8,018	8,018	8,018		8,018
137	0604617F	AGILE COMBAT SUPPORT	5,645	5,645	5,645		5,645
139	0604840F	F–35 C2D2	1,275,268	1,185,268	1,270,268	–6,993	1,268,275
		DAF requested realignment of funds			[–5,000]	[–5,000]	

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Program decrease		[–10,000]		[–1,993]	
		Technical realignment		[–5,000]			
		TR–3/B4 Unplanned cost growth		[–75,000]			
140	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	40,203	40,203	40,203		40,203
141	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	49,613	49,613	49,613		49,613
142	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	93,881	93,881	93,881		93,881
143	0605278F	HC/MC–130 RECAP RDT&E	36,536	11,536	36,536	–25,000	11,536
		Excess to need		[–5,000]		[–5,000]	
		Program decrease		[–20,000]		[–20,000]	
144	0606018F	NC3 INTEGRATION	22,910	22,910	22,910		22,910
145	0101113F	B–52 SQUADRONS	950,815	921,832	964,832	–6,622	944,193
		DAF requested realignment of funds			[14,017]	[14,017]	
		Scheduling delays		[–43,000]		[–20,639]	
		Technical realignment		[14,017]			
146	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	290	290	290		290
147	0101126F	B–1B SQUADRONS	12,619	12,619	12,619		12,619
148	0101127F	B–2 SQUADRONS	87,623	87,623	87,623		87,623
149	0101213F	MINUTEMAN SQUADRONS	33,237	43,237	33,237	10,000	43,237
		Legacy Weapons Software Translation/Modernization		[5,000]		[5,000]	
		Multi-Domain Command and Control Tool		[5,000]		[5,000]	
150	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	24,653	24,653	24,653		24,653
151	0101318F	SERVICE SUPPORT TO STRATCOM—GLOBAL STRIKE	7,562	7,562	7,562		7,562
153	0101328F	ICBM REENTRY VEHICLES	475,415	475,415	475,415		475,415
155	0102110F	MH–139A	25,737	25,737	25,737		25,737
156	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	831	831	831		831
157	0102412F	NORTH WARNING SYSTEM (NWS)	102	102	102		102

158	0102417F	OVER-THE-HORIZON BACKSCATTER RADAR	428,754	35,000	428,754	–393,754	35,000
		NORTHCOM UPL—Over the Horizon Radar Acceleration		[35,000]		[35,000]	
		Technical realignment		[–428,754]		[–428,754]	
159	0202834F	VEHICLES AND SUPPORT EQUIPMENT—GENERAL	15,498	19,498	19,498	4,000	19,498
		DAF requested realignment of funds			[4,000]	[4,000]	
		Technical realignment		[4,000]			
160	0205219F	MQ–9 UAV	81,123	81,123	81,123		81,123
161	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE	2,303	2,303	2,303		2,303
162	0207040F	MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT	7,312	7,312	7,312		7,312
164	0207133F	F–16 SQUADRONS	98,633	139,233	98,633	40,600	139,233
		IVEWS restoration		[40,600]		[40,600]	
165	0207134F	F–15E SQUADRONS	50,965	50,965	50,965		50,965
166	0207136F	MANNED DESTRUCTIVE SUPPRESSION	16,543	16,543	16,543		16,543
167	0207138F	F–22A SQUADRONS	725,889	740,889	725,889	15,000	740,889
		Cyber Resiliency		[15,000]		[15,000]	
168	0207142F	F–35 SQUADRONS	97,231	107,231	97,231		97,231
		Operational Test Data Sharing		[10,000]			
169	0207146F	F–15EX	100,006	100,006	100,006		100,006
170	0207161F	TACTICAL AIM MISSILES	41,958	41,958	41,958		41,958
171	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	53,679	53,679	53,679		53,679
172	0207227F	COMBAT RESCUE—PARARESCUE	726	726	726		726
173	0207238F	E–11A	64,888	64,888	64,888		64,888
174	0207247F	AF TENCAP	25,749	25,749	25,749		25,749
175	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	11,872	11,872	11,872		11,872
176	0207253F	COMPASS CALL	66,932	66,932	66,932		66,932
177	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	55,223	65,223	55,223	5,000	60,223
		Additive manufacturing expansion		[10,000]		[5,000]	
178	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	132,937	132,937	132,937		132,937
179	0207327F	SMALL DIAMETER BOMB (SDB)	37,518	49,518	37,518	3,000	40,518
		GLSDB Maritime Seeker		[12,000]		[3,000]	
180	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	72,059	72,059	72,059		72,059
181	0207412F	CONTROL AND REPORTING CENTER (CRC)	17,498	17,498	17,498		17,498

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
183	0207418F	AFSPECWAR—TACP	2,106	2,106	2,106		2,106
185	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	72,010	72,010	72,010		72,010
186	0207438F	THEATER BATTLE MANAGEMENT (TBM) C4I	6,467	6,467	6,467		6,467
187	0207439F	ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR).	10,388	10,388	10,388		10,388
188	0207444F	TACTICAL AIR CONTROL PARTY-MOD	10,060	10,060	10,060		10,060
189	0207452F	DCAPES	8,233	8,233	8,233		8,233
190	0207521F	AIR FORCE CALIBRATION PROGRAMS	2,172	2,172	2,172		2,172
192	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	2,049	2,049	2,049		2,049
193	0207590F	SEEK EAGLE	33,478	33,478	33,478		33,478
195	0207605F	WARGAMING AND SIMULATION CENTERS	11,894	11,894	11,894		11,894
197	0207697F	DISTRIBUTED TRAINING AND EXERCISES	3,811	3,811	3,811		3,811
198	0208006F	MISSION PLANNING SYSTEMS	96,272	96,272	96,272		96,272
199	0208007F	TACTICAL DECEPTION	26,533	26,533	26,533		26,533
201	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS	50,122	50,122	50,122		50,122
202	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	113,064	113,064	113,064		113,064
208	0208288F	INTEL DATA APPLICATIONS	967	967	967		967
209	0301025F	GEOBASE	1,514	1,514	1,514		1,514
211	0301113F	CYBER SECURITY INTELLIGENCE SUPPORT	8,476	8,476	8,476		8,476
218	0301401F	AF MULTI-DOMAIN NON-TRADITIONAL ISR BATTLESPACE AWARENESS.	2,890	2,890	3,390		2,890
		Military Cyber Cooperation Activities with the Kingdom of Jordan.			[500]		
219	0302015F	E–4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	39,868	39,868	39,868		39,868
220	0303004F	EIT CONNECT	32,900	32,900	32,900		32,900
221	0303089F	CYBERSPACE OPERATIONS SYSTEMS	4,881	4,881	4,881		4,881

222	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	33,567	33,567	33,567		33,567
223	0303133F	HIGH FREQUENCY RADIO SYSTEMS	40,000	40,000	40,000	–5,000	35,000
		Program support costs unjustified request				[–5,000]	
224	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	95,523	95,523	95,523		95,523
226	0303248F	ALL DOMAIN COMMON PLATFORM	71,296	56,296	71,296		71,296
		Insufficient justification		[–15,000]			
227	0303260F	JOINT MILITARY DECEPTION INITIATIVE	4,682	4,682	4,682		4,682
228	0304100F	STRATEGIC MISSION PLANNING & EXECUTION SYSTEM (SMPES).	64,944	64,944	64,944		64,944
230	0304260F	AIRBORNE SIGINT ENTERPRISE	108,947	108,947	108,947	–2,202	106,745
		Underexecution				[–2,202]	
231	0304310F	COMMERCIAL ECONOMIC ANALYSIS	4,635	4,635	4,635		4,635
234	0305015F	C2 AIR OPERATIONS SUITE—C2 INFO SERVICES	13,751	13,751	13,751		13,751
235	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,660	1,660	1,660		1,660
236	0305022F	ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	18,680	18,680	18,680	–5,110	13,570
		Unjustified growth				[–5,110]	
237	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	5,031	5,031	5,031		5,031
238	0305103F	CYBER SECURITY INITIATIVE	301	301	301		301
239	0305111F	WEATHER SERVICE	26,329	26,329	35,329	9,000	35,329
		Weather service data migration			[9,000]	[9,000]	
240	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS).	8,751	8,751	8,751		8,751
241	0305116F	AERIAL TARGETS	6,915	6,915	6,915		6,915
244	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	352	352	352		352
245	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	6,930	6,930	6,930		6,930
246	0305179F	INTEGRATED BROADCAST SERVICE (IBS)	21,588	21,588	21,588		21,588
247	0305202F	DRAGON U–2	16,842	16,842	16,842		16,842
248	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	43,158	43,158	43,158		43,158
249	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,330	14,330	14,330		14,330
250	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	88,854	88,854	88,854		88,854
251	0305220F	RQ–4 UAV	1,242	1,242	1,242		1,242

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
252	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	12,496	12,496	12,496		12,496
253	0305238F	NATO AGS	2	2	2		2
254	0305240F	SUPPORT TO DCGS ENTERPRISE	31,589	31,589	31,589		31,589
255	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.	15,322	15,322	15,322		15,322
256	0305881F	RAPID CYBER ACQUISITION	8,830	8,830	8,830		8,830
257	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,764	2,764	2,764		2,764
258	0307577F	INTELLIGENCE MISSION DATA (IMD)	7,090	7,090	7,090		7,090
259	0401115F	C–130 AIRLIFT SQUADRON	5,427	23,427	5,427		5,427
		C–130H Link–16 MIDS-JTR Terminal		[18,000]			
260	0401119F	C–5 AIRLIFT SQUADRONS (IF)	29,502	29,502	29,502	–1,216	28,286
		SIL early to need				[–1,216]	
261	0401130F	C–17 AIRCRAFT (IF)	2,753	48,753	2,753		2,753
		C–17A Modernized High Frequency Radio		[16,000]			
		C–17A Tactical Data Link		[30,000]			
262	0401132F	C–130J PROGRAM	19,100	69,400	19,100		19,100
		C–130J Global Secure Data and Voice Comm		[26,700]			
		C–130J Tactical Data Link/BLOS Secure Data		[18,600]			
		Test and evaluate load alleviation components		[5,000]			
263	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,982	5,982	5,982		5,982
264	0401218F	KC–135S	51,105	51,105	51,105	–1,583	49,522
		Comm 2 early to need				[–1,583]	
265	0401318F	CV–22	18,127	18,127	18,127		18,127
266	0408011F	SPECIAL TACTICS / COMBAT CONTROL	9,198	9,198	9,198		9,198
268	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	17,520	17,520	17,520		17,520
269	0801380F	AF LVC OPERATIONAL TRAINING (LVC-OT)	25,144	25,144	25,144		25,144
270	0804743F	OTHER FLIGHT TRAINING	2,265	2,265	2,265		2,265

272	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,266	2,266	2,266		2,266
273	0901218F	CIVILIAN COMPENSATION PROGRAM	4,006	4,006	4,006		4,006
274	0901220F	PERSONNEL ADMINISTRATION	3,078	3,078	3,078		3,078
275	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	5,309	5,309	5,309	–3,000	2,309
		Modeling and simulation development excess growth				[–3,000]	
276	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.	4,279	4,279	4,279		4,279
277	0901554F	DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS)	45,925	45,925	45,925		45,925
278	1202140F	SERVICE SUPPORT TO SPACECOM ACTIVITIES	9,778	9,778	9,778		9,778
9999	9999999999	CLASSIFIED PROGRAMS	16,814,245	16,799,508	16,814,245	–226,818	16,587,427
		Classified adjustment				[–212,081]	
		Program justification review		[–14,737]		[–14,737]	
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**23,829,283**	**23,442,709**	**23,851,800**	**–591,880**	**23,237,403**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF	**46,565,356**	**–647,507**	**–84,132**	**–272,748**	**46,292,608**
		RESEARCH, DEVELOPMENT, TEST & EVAL, SF					
		APPLIED RESEARCH					
004	1206601SF	SPACE TECHNOLOGY	206,196	286,584	350,663	86,388	292,584
		Advanced analog microelectronics		[5,000]	[8,600]	[3,000]	
		Advanced isotope power systems			[5,000]	[3,000]	
		DAF requested realignment of funds			[84,397]	[72,888]	
		Ground-based interferometry			[16,000]		
		Lunar surface-based domain awareness			[5,000]		
		Solar cruiser			[10,000]		
		Space modeling, simulation, and analysis hub			[15,470]	[7,500]	
		Technical realignment		[72,888]			
		University Consortium for Space Technology		[2,500]			
		SUBTOTAL APPLIED RESEARCH	**206,196**	**286,584**	**350,663**	**86,388**	**292,584**
		ADVANCED TECHNOLOGY DEVELOPMENT					

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
005	1206310SF	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	472,493	494,002	477,493	–7,471	465,022
		Defense In Depth as Mission Assurance Spacecraft—Multilevel Security.		[10,000]		[3,000]	
		Human performance optimization			[5,000]		
		Prior year carryover				[–21,980]	
		Technical realignment		[11,509]		[11,509]	
006	1206616SF	SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO	110,033	150,033	158,033	48,000	158,033
		DAF requested realignment of funds			[40,000]	[40,000]	
		Modular multi-mode propulsion system			[8,000]	[8,000]	
		Technical realignment		[40,000]			
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**582,526**	**644,035**	**635,526**	**40,529**	**623,055**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
007	0604002SF	SPACE FORCE WEATHER SERVICES RESEARCH	849	849	849		849
008	1203010SF	SPACE FORCE IT, DATA ANALYTICS, DIGITAL SOLUTIONS	61,723	51,723	61,723	–10,000	51,723
		Program decrease		[–10,000]		[–10,000]	
009	1203164SF	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	353,807	353,807	353,807		353,807
010	1203622SF	SPACE WARFIGHTING ANALYSIS	95,541	95,541	95,541		95,541
011	1203710SF	EO/IR WEATHER SYSTEMS	95,615	95,615	112,115		95,615
		Weather satellite risk reduction			[16,500]		
013	1206410SF	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	2,081,307	2,081,307	2,081,307	–25,000	2,056,307
		Inadequate justification—other activities				[–25,000]	
016	1206427SF	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	145,948	105,948	105,948	–49,473	96,475
		DAF requested realignment of funds to 6616SF			[–40,000]	[–40,000]	
		Technical realignment		[–40,000]			

		Underexecution				[–9,473]	
017	1206438SF	SPACE CONTROL TECHNOLOGY	58,374	58,374	58,374		58,374
018	1206458SF	TECH TRANSITION (SPACE)	164,649	164,649	179,649		164,649
		Encouraging the establishment of the outernet			[15,000]		
019	1206730SF	SPACE SECURITY AND DEFENSE PROGRAM	59,784	59,784	59,784		59,784
020	1206760SF	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	76,554	76,554	76,554		76,554
021	1206761SF	PROTECTED TACTICAL SERVICE (PTS)	360,126	360,126	360,126	–4,300	355,826
		Unjustified request—management services				[–4,300]	
022	1206855SF	EVOLVED STRATEGIC SATCOM (ESS)	632,833	632,833	632,833		632,833
023	1206857SF	SPACE RAPID CAPABILITIES OFFICE	12,036	22,036	12,036		12,036
		Machine Learning Techniques for Radio Frequency (RF) Signal Monitoring and Interference Detection.		[10,000]			
024	1206862SF	TACTICALLY RESPONSE SPACE	30,000	50,000	30,000	20,000	50,000
		Program increase		[20,000]		[20,000]	
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**4,229,146**	**4,209,146**	**4,220,646**	**–68,773**	**4,160,373**
		SYSTEM DEVELOPMENT & DEMONSTRATION					
025	1203269SF	GPS III FOLLOW-ON (GPS IIIF)	308,999	308,999	308,999		308,999
027	1206421SF	COUNTERSPACE SYSTEMS	36,537	36,537	36,537		36,537
028	1206422SF	WEATHER SYSTEM FOLLOW-ON	79,727	79,727	79,727	–1,600	78,127
		Unjustified increase—management services				[–1,600]	
029	1206425SF	SPACE SITUATION AWARENESS SYSTEMS	372,827	372,827	372,827		372,827
030	1206431SF	ADVANCED EHF MILSATCOM (SPACE)	4,068	4,068	4,068		4,068
031	1206432SF	POLAR MILSATCOM (SPACE)	73,757	73,757	73,757		73,757
032	1206433SF	WIDEBAND GLOBAL SATCOM (SPACE)	49,445	49,445	49,445	–2,200	47,245
		Underexecution				[–2,200]	
033	1206440SF	NEXT-GEN OPIR—GROUND	661,367	661,367	661,367	–23,100	638,267
		Underexecution				[–23,100]	
034	1206442SF	NEXT GENERATION OPIR	222,178	222,178	222,178	–5,000	217,178
		Underexecution				[–5,000]	
035	1206443SF	NEXT-GEN OPIR—GEO	719,731	719,731	719,731	–4,265	715,466

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Unjustified increase—management services				[–4,265]	
036	1206444SF	NEXT-GEN OPIR—POLAR	1,013,478	1,013,478	1,013,478	–3,265	1,010,213
		Unjustified increase—management services				[–3,265]	
037	1206445SF	COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	73,501	73,501	73,501		73,501
038	1206446SF	RESILIENT MISSILE WARNING MISSILE TRACKING—LOW EARTH ORBIT (LEO).	1,266,437	1,519,222	1,519,222	252,785	1,519,222
		DAF requested realignment of funds			[252,785]	[252,785]	
		Technical realignment		[252,785]			
039	1206447SF	RESILIENT MISSILE WARNING MISSILE TRACKING—MEDIUM EARTH ORBIT (MEO).	538,208	790,992	790,992	252,784	790,992
		DAF requested realignment of funds			[252,784]	[252,784]	
		Technical realignment		[252,784]			
040	1206448SF	RESILIENT MISSILE WARNING MISSILE TRACKING—INTEGRATED GROUND SEGMENT.	505,569			–505,569	
		DAF requested realignment of funds to 6446SF			[–252,785]	[–252,785]	
		DAF requested realignment of funds to 6447SF			[–252,784]	[–252,784]	
		Technical realignment		[–505,569]			
041	1206853SF	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE)—EMD.	82,188	92,188	82,188	10,000	92,188
		Launch capability development		[10,000]		[10,000]	
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	**6,008,017**	**6,018,017**	**6,008,017**	**–29,430**	**5,978,587**
		MANAGEMENT SUPPORT					
043	1203622SF	SPACE WARFIGHTING ANALYSIS	3,568	3,568	3,568		3,568
046	1206392SF	ACQ WORKFORCE—SPACE & MISSILE SYSTEMS	258,969	276,500	276,500	17,531	276,500
		DAF requested realignment of funds			[17,531]	[17,531]	
		Technical realignment		[17,531]			

047	1206398SF	SPACE & MISSILE SYSTEMS CENTER—MHA	13,694	15,053	15,053	1,359	15,053
		DAF requested realignment of funds			[1,359]	[1,359]	
		Technical realignment		[1,359]			
048	1206601SF	SPACE TECHNOLOGY	91,778			–91,778	
		DAF requested realignment of funds			[–91,778]	[–91,778]	
		Technical realignment		[–91,778]			
049	1206759SF	MAJOR T&E INVESTMENT—SPACE	146,797	146,797	146,797		146,797
050	1206860SF	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	18,023	18,023	18,023		18,023
052	1206864SF	SPACE TEST PROGRAM (STP)	30,192	30,192	30,192		30,192
		SUBTOTAL MANAGEMENT SUPPORT	**563,021**	**490,133**	**490,133**	**–72,888**	**490,133**
		OPERATIONAL SYSTEMS DEVELOPMENT					
055	1203001SF	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	91,369	91,369	91,369		91,369
056	1203040SF	DCO-SPACE	76,003	76,003	76,003		76,003
057	1203109SF	NARROWBAND SATELLITE COMMUNICATIONS	230,785	230,785	230,785	–9,450	221,335
		Inadequate justification—management services				[–9,450]	
058	1203110SF	SATELLITE CONTROL NETWORK (SPACE)	86,465	86,465	86,465	–2,100	84,365
		Underexecution				[–2,100]	
059	1203154SF	LONG RANGE KILL CHAINS	243,036	243,036	243,036		243,036
061	1203173SF	SPACE AND MISSILE TEST AND EVALUATION CENTER	22,039	22,039	22,039		22,039
062	1203174SF	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	41,483	43,983	41,483	2,000	43,483
		Accelerating Space Operators Education and Experiential Learning.		[2,500]		[2,000]	
063	1203182SF	SPACELIFT RANGE SYSTEM (SPACE)	11,175	11,175	11,175		11,175
065	1203330SF	SPACE SUPERIORITY ISR	28,730	28,730	28,730		28,730
067	1203873SF	BALLISTIC MISSILE DEFENSE RADARS	20,752	20,752	28,752	8,000	28,752
		Perimeter Acquisition Radar Attack Characterization System (PARCS) radar.			[8,000]	[8,000]	
068	1203906SF	NCMC—TW/AA SYSTEM	25,545	25,545	25,545		25,545
069	1203913SF	NUDET DETECTION SYSTEM (SPACE)	93,391	93,391	93,391		93,391
070	1203940SF	SPACE SITUATION AWARENESS OPERATIONS	264,966	264,966	264,966		264,966

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
071	1206423SF	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	317,309	271,909	317,309	–45,400	271,909
		Excess to need		[–45,400]		[–45,400]	
075	1206770SF	ENTERPRISE GROUND SERVICES	155,825	155,825	155,825		155,825
076	1208053SF	JOINT TACTICAL GROUND SYSTEM	14,568	14,568	14,568		14,568
9999	9999999999	CLASSIFIED PROGRAMS	5,764,667	6,100,667	6,225,367	593,700	6,358,367
		DCO-S		[43,000]		[43,000]	
		Space Force realignment of funds for classified program			[270,000]	[270,000]	
		Space Force Unfunded Priorities List Classified Program B			[83,000]	[83,000]	
		Space Force Unfunded Priorities List Classified Program C			[53,000]	[53,000]	
		Space Force Unfunded Priorities List Classified Program D			[54,700]	[54,700]	
		USSF UPL—Classified program B		[83,000]			
		USSF UPL—Classified program C		[53,000]			
		USSF UPL—Classified program D		[67,000]			
		USSF UPL—Classified program F		[90,000]		[90,000]	
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**7,488,108**	**7,781,208**	**7,956,808**	**546,750**	**8,034,858**
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS					
078	1208248SF	SPACE COMMAND & CONTROL—SOFTWARE PILOT PROGRAM.	122,326	122,326	122,326		122,326
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**122,326**	**122,326**	**122,326**		**122,326**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, SF	**19,199,340**	**352,109**	**584,779**	**502,576**	**19,701,916**
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW					
		BASIC RESEARCH					

001	0601000BR	DTRA BASIC RESEARCH	14,761	14,761	14,761		14,761
002	0601101E	DEFENSE RESEARCH SCIENCES	311,531	316,531	311,531		311,531
		Research Security Consortium		[5,000]			
003	0601108D8Z	HIGH ENERGY LASER RESEARCH INITIATIVES	16,329	16,329	16,329		16,329
004	0601110D8Z	BASIC RESEARCH INITIATIVES	71,783	71,783	96,783	20,000	91,783
		Defense Established Program to Stimulate Competitive Research (DEPSCoR).			[25,000]	[20,000]	
005	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	50,430	50,430	50,430		50,430
006	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	159,549	164,549	169,549	3,000	162,549
		Enhanced civics education program			[10,000]		
		Program increase		[5,000]		[3,000]	
007	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	100,467	125,467	100,467	49,533	150,000
		Program increase		[25,000]		[49,533]	
008	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	36,235	36,235	36,235		36,235
		SUBTOTAL BASIC RESEARCH	**761,085**	**796,085**	**796,085**	**72,533**	**833,618**
		APPLIED RESEARCH					
009	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,157	19,157	19,157		19,157
010	0602115E	BIOMEDICAL TECHNOLOGY	141,081	131,081	141,081	–10,000	131,081
		Program decrease		[–10,000]		[–10,000]	
011	0602128D8Z	PROMOTION AND PROTECTION STRATEGIES	3,219	3,219	3,219		3,219
012	0602230D8Z	DEFENSE TECHNOLOGY INNOVATION	55,160	40,160	55,160	–15,000	40,160
		Realignment		[–15,000]		[–15,000]	
013	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	46,858	46,858	46,858		46,858
014	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	66,866	66,866	66,866		66,866
015	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	333,029	333,029	333,029		333,029
017	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	240,610	240,610	240,610		240,610
018	0602668D8Z	CYBER SECURITY RESEARCH	17,437	19,937	20,437	8,000	25,437
		Pacific Intelligence and Innovation Initiative		[2,500]		[5,000]	
		Semiconductor industry cybersecurity research			[3,000]	[3,000]	

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
019	0602675D8Z	SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY	4,718	4,718	4,718		4,718
020	0602702E	TACTICAL TECHNOLOGY	234,549	214,549	234,549	–20,000	214,549
		Program decrease		[–20,000]		[–20,000]	
021	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	344,986	344,986	344,986		344,986
022	0602716E	ELECTRONICS TECHNOLOGY	572,662	572,662	572,662		572,662
023	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	208,870	193,870	208,870		208,870
		Program decrease		[–15,000]			
024	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	11,168	11,168	11,168		11,168
025	0602890D8Z	HIGH ENERGY LASER RESEARCH	48,804	48,804	48,804		48,804
026	0602891D8Z	FSRM MODELLING	2,000	2,000	2,000		2,000
027	1160401BB	SOF TECHNOLOGY DEVELOPMENT	52,287	52,287	52,287		52,287
		SUBTOTAL APPLIED RESEARCH	**2,403,461**	**2,345,961**	**2,406,461**	**–37,000**	**2,366,461**
		ADVANCED TECHNOLOGY DEVELOPMENT					
028	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	37,706	52,706	37,706	5,000	42,706
		Advanced Process Technology for Energetics		[5,000]		[5,000]	
		Explosive Energetics Expansion		[10,000]			
029	0603021D8Z	NATIONAL SECURITY INNOVATION CAPITAL	15,085	15,085	15,085		15,085
030	0603121D8Z	SO/LIC ADVANCED DEVELOPMENT	30,102	30,102	30,102		30,102
031	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	75,593	130,593	105,593	47,500	123,093
		Joint R&D with Israel		[50,000]		[47,500]	
		Loitering munition development			[5,000]		
		ROC-X VTOL Loitering Munition		[5,000]			
		U.S.-Israel defense collaboration on emerging technologies			[25,000]		
032	0603133D8Z	FOREIGN COMPARATIVE TESTING	27,078	27,078	27,078		27,078

033	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	400,947	403,447	405,947	8,500	409,447
		Advanced manufacturing of energetic materials			[5,000]	[8,500]	
		Advanced Manufacturing of Energetics		[2,500]			
034	0603176BR	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	7,990	7,990	7,990		7,990
035	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	17,825	17,825	17,825		17,825
036	0603180C	ADVANCED RESEARCH	21,461	29,461	21,461	7,000	28,461
		Radiation Hardened Microelectronics—Faciliity and Workforce Development.		[5,000]		[5,000]	
		Testbed for Advanced Digital Low Latency Networks		[3,000]		[2,000]	
037	0603183D8Z	JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT &TRANSITION.	52,292	57,292	52,292	2,000	54,292
		Common Hypersonic Glide Body Development		[5,000]		[2,000]	
038	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	19,567	19,567	19,567		19,567
039	0603260BR	INTELLIGENCE ADVANCED DEVELOPMENT	10,000	10,000	10,000		10,000
040	0603286E	ADVANCED AEROSPACE SYSTEMS	331,753	321,753	331,753	–10,000	321,753
		Program decrease		[–10,000]		[–10,000]	
041	0603287E	SPACE PROGRAMS AND TECHNOLOGY	134,809	134,809	134,809	–12,500	122,309
		Excess growth				[–12,500]	
042	0603288D8Z	ANALYTIC ASSESSMENTS	24,328	24,328	24,328		24,328
043	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	55,626	55,626	55,626		55,626
044	0603330D8Z	QUANTUM APPLICATION	75,000	75,000	75,000		75,000
046	0603342D8Z	DEFENSE INNOVATION UNIT (DIU)	104,729	127,229	104,729	5,000	109,729
		Electric Boats		[10,000]			
		Nuclear Advanced Propulsion and power		[10,000]		[2,500]	
		Program increase		[2,500]		[2,500]	
047	0603375D8Z	TECHNOLOGY INNOVATION	123,837	123,837	123,837		123,837
048	0603379D8Z	ADVANCED TECHNICAL INTEGRATION	11,000	11,000	11,000		11,000
049	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	267,073	227,073	292,073	–32,419	234,654
		Generative Unconstrained Intelligent Drug Engineering-Enhanced Biodefense.			[25,000]	[3,000]	

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Program decrease		[–40,000]		[–35,419]	
050	0603527D8Z	RETRACT LARCH	57,401	57,401	57,401		57,401
051	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	19,793	19,793	19,793		19,793
053	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	11,197	11,197	11,197		11,197
054	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	252,965	275,465	264,965	112,500	365,465
		Additive manufacturing at scale			[7,000]	[5,000]	
		Bioindustrial Manufacturing Infrastructure		[20,000]		[100,000]	
		Digital manufacturing modernization			[5,000]	[5,000]	
		Hypersonic Advanced Composites Manufacturing		[2,500]		[2,500]	
055	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	46,404	51,404	46,404	5,000	51,404
		Program increase		[5,000]		[5,000]	
056	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	16,580	16,580	16,580		16,580
057	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	60,387	60,387	60,387		60,387
058	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	144,707	144,707	144,707		144,707
059	0603727D8Z	JOINT WARFIGHTING PROGRAM	2,749	2,749	2,749		2,749
060	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	254,033	244,033	254,033	–10,000	244,033
		Program decrease		[–10,000]			
		Reduce carryover—next generation microelectronics manufacturing.				[–10,000]	
061	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	321,591	321,591	321,591		321,591
062	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	885,425	885,425	885,425		885,425
063	0603767E	SENSOR TECHNOLOGY	358,580	353,330	358,580	–5,250	353,330
		Program decrease		[–5,250]		[–5,250]	
065	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	16,699	16,699	16,699		16,699
066	0603838D8Z	DEFENSE INNOVATION ACCELERATION (DIA)	257,110	262,810	257,110		257,110

		Autonomous resupply for contested logistics		[2,500]			
		High energy Laser Weapon System Procurement		[3,200]			
067	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	111,799	111,799	111,799		111,799
068	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	345,384	345,384	345,384		345,384
069	0603945D8Z	AUKUS INNOVATION INITIATIVES	25,000	25,000	25,000		25,000
070	0603950D8Z	NATIONAL SECURITY INNOVATION NETWORK	21,575	21,575	28,575	7,000	28,575
		National Security Innovation Network			[7,000]	[7,000]	
071	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	171,668	181,668	181,668	14,365	186,033
		Excess growth				[–5,635]	
		HELCAP Thermal Energy Storage		[10,000]		[10,000]	
		Increase for tristructural-isotrophic fuel			[10,000]	[10,000]	
072	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	156,097	158,597	156,097		156,097
		Jam Resistant Military Communications		[2,500]			
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**5,380,945**	**5,469,395**	**5,469,945**	**143,696**	**5,524,641**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
074	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	76,764	76,764	76,764		76,764
075	0603600D8Z	WALKOFF	143,486	143,486	143,486		143,486
076	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	117,196	88,596	123,196	–27,600	89,596
		Development and acquisition of hybrid energy systems		[2,000]			
		Program decrease		[–30,600]		[–30,600]	
		Sustainable Technology Evaluation and Demonstration program increase.			[6,000]	[3,000]	
077	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	220,311	310,311	220,311	90,000	310,311
		INDOPACOM UPL—Enhanced THAAD Mission Support Element Integration (eTMI).		[90,000]		[90,000]	
078	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.	903,633	903,633	903,633		903,633
079	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL.	316,853	316,853	316,853	–24,847	292,006

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Excess growth				[–24,847]	
080	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	239,159	239,159	239,159		239,159
081	0603890C	BMD ENABLING PROGRAMS	597,720	610,094	597,720	–807	596,913
		MDA UPL—Electronic Attack/Electronic Protection		[12,374]			
		Poor justification				[–807]	
082	0603891C	SPECIAL PROGRAMS—MDA	552,888	703,280	552,888	82,392	635,280
		Enhanced Battlespace Awarness for Space Warfare		[68,000]			
		MDA UPL—Classified increase		[22,892]		[22,892]	
		MDA UPL—Electronic Warfare for Missile Defense		[27,300]		[27,300]	
		MDA UPL—Left Through Right of Launch Integration		[32,200]		[32,200]	
083	0603892C	AEGIS BMD	693,727	709,727	693,727	–4,000	689,727
		PAC–3 MSE/AEGIS Weapon System Integration		[20,000]			
		Program decrease		[–4,000]		[–4,000]	
084	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	554,201	554,201	554,201		554,201
085	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	48,248	48,248	48,248		48,248
086	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	50,549	50,549	50,549		50,549
087	0603906C	REGARDING TRENCH	12,564	27,564	27,564	15,000	27,564
		MDA UPL—Classified increase		[15,000]		[15,000]	
		Program increase—MDA UFR			[15,000]		
088	0603907C	SEA BASED X-BAND RADAR (SBX)	177,868	177,868	177,868		177,868
089	0603913C	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000	325,000		300,000
		U.S.-Israel cooperation on directed energy capabilities			[25,000]		
090	0603914C	BALLISTIC MISSILE DEFENSE TEST	360,455	360,455	360,455		360,455
091	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	570,258	600,258	580,258	27,000	597,258

		Advanced Hypersonic Thermal Protection System Prototypes.		[5,000]			
		Advanced Reactive Target Simulation		[15,000]		[10,000]	
		Hypersonic Maneuvering Extended Range (HMER) Target System.		[5,000]		[2,000]	
		Hypersonic Target for MDA Advanced Target Front End Configuration 3 (ATFE C3).		[5,000]		[5,000]	
		Hypersonic Targets and Countermeasures Program			[10,000]	[10,000]	
092	0603923D8Z	COALITION WARFARE	12,103	12,103	12,103		12,103
093	0604011D8Z	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).	179,278	174,278	179,278		179,278
		Program decrease		[–5,000]			
094	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,185	3,185	3,185		3,185
095	0604102C	GUAM DEFENSE DEVELOPMENT	397,578	497,578	397,578	147,000	544,578
		INDOPACOM UPL—Guam Defense System, INDOPACOM		[100,000]		[147,000]	
096	0604115C	TECHNOLOGY MATURATION INITIATIVES		6,000		6,000	6,000
		Diode-Pumped Alkali Laser (DPAL) for Missile Defense		[6,000]		[6,000]	
097	0604124D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO)—MIP.	34,350	34,350	34,350		34,350
098	0604181C	HYPERSONIC DEFENSE	208,997	433,997	208,997	225,000	433,997
		MDA UPL—Glide Phase Interceptor		[225,000]		[225,000]	
099	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,085,826	1,090,826	1,085,826	–23,600	1,062,226
		Classified adjustment				[–28,600]	
		Mobile micronuclear reactors		[5,000]		[5,000]	
100	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	810,839	815,839	810,839	–58,299	752,540
		Radiation-Hardened Fully-Depleted Silicon-on-Insulator Microelectronics.		[2,500]		[2,500]	
		Strategic Rad Hard Chiplet Design Accelaration		[2,500]		[2,500]	
		Unjustified growth				[–63,299]	
101	0604331D8Z	RAPID PROTOTYPING PROGRAM	110,291	110,291	110,291		110,291
102	0604331J	RAPID PROTOTYPING PROGRAM	9,880	9,880	9,880		9,880
103	0604341D8Z	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING		15,000			

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Realignment		[15,000]			
104	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	2,643	2,643	2,643		2,643
105	0604551BR	CATAPULT INFORMATION SYSTEM	8,328	8,328	8,328		8,328
106	0604555D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT—NON S&T.	53,726	60,726	53,726	7,000	60,726
		High Energy Laser Power Beaming		[7,000]		[7,000]	
108	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).	3,206	3,206	3,206		3,206
109	0604790D8Z	RAPID DEFENSE EXPERIMENTATION RESERVE (RDER)	79,773	79,773	79,773		79,773
110	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	28,517	28,517	28,517		28,517
111	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	103,517	103,517	103,517		103,517
112	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	2,130,838	2,130,838	2,130,838		2,130,838
113	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	47,577	47,577	47,577		47,577
114	0604878C	AEGIS BMD TEST	193,484	193,484	193,484	–5,049	188,435
		Excess growth				[–5,049]	
115	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	111,049	111,049	111,049		111,049
116	0604880C	LAND-BASED SM–3 (LBSM3)	22,163	22,163	22,163		22,163
117	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	41,824	41,824	41,824		41,824
118	0202057C	SAFETY PROGRAM MANAGEMENT	2,484	2,484	2,484		2,484
119	0208059JCY	CYBERCOM ACTIVITIES	65,484	65,484	65,484		65,484
120	0208085JCY	ROBUST INFRASTRUCTURE AND ACCESS	170,182	170,182	170,182	–34,647	135,535
		Unjustified growth				[–34,647]	
121	0208086JCY	CYBER TRAINING ENVIRONMENT (CTE)	114,980	114,980	114,980		114,980
122	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,156	2,156	2,156		2,156

123	0305103C	CYBER SECURITY INITIATIVE	2,760	3,760	2,760		2,760
		Program increase—classified algorithm study		[1,000]			
124	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS.	3,000	3,000	3,000		3,000
125	0305251JCY	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,669	2,669	2,669		2,669
126	0901579D8Z	OFFICE OF STRATEGIC CAPITAL (OSC)	99,000	99,000	99,000		99,000
129	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	109,483	109,483	109,483		109,483
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**12,187,050**	**12,831,216**	**12,243,050**	**420,543**	**12,607,593**
		SYSTEM DEVELOPMENT & DEMONSTRATION					
130	0604123D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO)—DEM/VAL ACTIVITIES.	615,246	570,246	615,246	–32,900	582,346
		Insufficient justification		[–40,000]		[–32,900]	
		Program decrease		[–5,000]			
130A	999999	JADC2				174,000	174,000
		Program increase—Joint Fires Network (JFN)				[174,000]	
131	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	6,229	6,229	6,229		6,229
132	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	382,977	382,977	382,977	–20,597	362,380
		Execution risk				[–20,597]	
133	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	9,775	9,775	9,775		9,775
134	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	14,414	14,414	14,414		14,414
135	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	6,953	6,953	6,953		6,953
136	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	9,292	9,292	9,292		9,292
137	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	18,981	18,981	18,981		18,981
138	0605027D8Z	OUSD(C) IT DEVELOPMENT INITIATIVES	5,456	5,456	5,456		5,456
140	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM	32,629	32,629	32,629		32,629
141	0605141BR	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS).	9,316	9,316	9,316		9,316

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2024 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
142	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	6,899	6,899	6,899		6,899
143	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	297,586	276,586	297,586	–21,000	276,586
		Program decrease		[–21,000]		[–21,000]	
145	0605772D8Z	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	4,110	4,110	4,110		4,110
146	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM).	8,159	8,159	8,159		8,159
147	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	14,471	14,471	14,471		14,471
148	0505167D8Z	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION.	3,770	3,770	3,770		3,770
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	**1,446,263**	**1,380,263**	**1,446,263**	**99,503**	**1,545,766**
		MANAGEMENT SUPPORT					
149	0603829J	JOINT CAPABILITY EXPERIMENTATION	12,402	12,402	12,402		12,402
150	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	12,746	12,746	12,746		12,746
151	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	8,426	8,426	8,426		8,426
152	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	833,792	838,792	833,792	2,500	836,292
		Hypersonic Telemetry SATCOM Relay		[2,500]			
		Reusable Hypersonic Testbed		[2,500]		[2,500]	
153	0604942D8Z	ASSESSMENTS AND EVALUATIONS	5,810	5,810	5,810		5,810
154	0605001E	MISSION SUPPORT	99,090	99,090	99,090		99,090
155	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	187,421	187,421	187,421		187,421
156	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	61,477	61,477	61,477		61,477
158	0605142D8Z	SYSTEMS ENGINEERING	39,949	39,949	39,949		39,949
159	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	6,292	6,292	6,292		6,292

160	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	21,043	21,043	21,043	21,043
161	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	10,504	10,504	10,504	10,504
162	0605200D8Z	GENERAL SUPPORT TO OUSD(INTELLIGENCE AND SECURITY).	2,980	2,980	2,980	2,980
163	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	74,382	74,382	74,382	74,382
170	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	3,831	3,831	3,831	3,831
171	0605797D8Z	MAINTAINING TECHNOLOGY ADVANTAGE	38,923	38,923	38,923	38,923
172	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	60,404	60,404	60,404	60,404
173	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	65,715	65,715	60,715	65,715
		Information Analysis Centers reduction			[–5,000]	
174	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	26,037	26,037	26,037	26,037
175	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	37,353	37,353	37,353	37,353
176	0605898E	MANAGEMENT HQ—R&D	14,833	14,833	14,833	14,833
177	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	3,752	3,752	3,752	3,752
178	0606005D8Z	SPECIAL ACTIVITIES	18,088	18,088	18,088	18,088
179	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	14,427	14,427	14,427	14,427
180	0606114D8Z	ANALYSIS WORKING GROUP (AWG) SUPPORT	4,200	4,200	4,200	4,200
181	0606135D8Z	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES.	17,247	17,247	17,247	17,247
182	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,386	3,386	3,386	3,386
183	0606300D8Z	DEFENSE SCIENCE BOARD	2,352	2,352	2,352	2,352
184	0606301D8Z	AVIATION SAFETY TECHNOLOGIES	213	213	213	213
186	0606771D8Z	CYBER RESILIENCY AND CYBERSECURITY POLICY	45,194	45,194	45,194	45,194
187	0606853BR	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	11,919	11,919	11,919	11,919
188	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,112	3,112	3,112	3,112
189	0204571J	JOINT STAFF ANALYTICAL SUPPORT	4,916	4,916	4,916	4,916
190	0208045K	C4I INTEROPERABILITY	66,152	66,152	66,152	66,152
195	0305172K	COMBINED ADVANCED APPLICATIONS	5,366	5,366	5,366	5,366
197	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,069	3,069	3,069	3,069

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

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199	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	101,319	101,319	101,319	–6,300	95,019
		No JLVC acquisition strategy				[–6,300]	
200	0808709SE	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI).	740	740	740		740
201	0901598C	MANAGEMENT HQ—MDA	28,363	28,363	28,363		28,363
202	0903235K	JOINT SERVICE PROVIDER (JSP)	5,177	5,177	5,177		5,177
9999	9999999999	CLASSIFIED PROGRAMS	36,315	36,315	63,315		36,315
		All Domain Anomaly Resolution Office			[27,000]		
		SUBTOTAL MANAGEMENT SUPPORT	**1,998,717**	**2,003,717**	**2,020,717**	**–3,800**	**1,994,917**
		OPERATIONAL SYSTEMS DEVELOPMENT					
203	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	42,482	42,482	42,482		42,482
205	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	1,017,141	1,065,141	1,045,141	8,000	1,025,141
		Additive Manufacturing for shipbuilding		[10,000]			
		Domestic advanced microelectronics packaging			[5,000]	[5,000]	
		Integrated Substrates		[3,000]			
		Large Surface Combatant workforce		[35,000]			
		Rapid Innovation Program			[20,000]		
		Shipbuilding and ship repair workforce development			[3,000]	[3,000]	
206	0607310D8Z	COUNTERPROLIFERATION SPECIAL PROJECTS: OPERATIONAL SYSTEMS DEVELOPMENT.	12,713	12,713	12,713		12,713
207	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	8,503	8,503	8,503		8,503
208	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	80,495	80,495	80,495		80,495
209	0208097JCY	CYBER COMMAND AND CONTROL (CYBER C2)	95,733	95,733	95,733		95,733

210	0208099JCY	DATA AND UNIFIED PLATFORM (D&UP)	138,558	138,558	138,558		138,558
214	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	19,299	19,299	19,299		19,299
215	0303126K	LONG-HAUL COMMUNICATIONS—DCS	37,726	37,726	37,726		37,726
216	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	5,037	5,037	5,037		5,037
218	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	97,171	115,571	97,171	–6,000	91,171
		DoD Cyber Scholarship Program		[10,000]			
		Program decrease		[–6,000]		[–6,000]	
		Scholarship funding alignment		[14,400]			
220	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM	8,351	8,351	8,351		8,351
222	0303153K	DEFENSE SPECTRUM ORGANIZATION	35,995	35,995	35,995		35,995
223	0303171K	JOINT PLANNING AND EXECUTION SERVICES	5,677	5,677	5,677		5,677
224	0303228K	JOINT REGIONAL SECURITY STACKS (JRSS)	3,196	3,196	3,196		3,196
228	0305104D8Z	DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY INITIATIVE.	25,655	25,655	25,655		25,655
232	0305133V	INDUSTRIAL SECURITY ACTIVITIES	2,134	2,134	2,134		2,134
235	0305146V	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	2,295	2,295	2,295		2,295
236	0305172D8Z	COMBINED ADVANCED APPLICATIONS	52,736	52,736	52,736		52,736
239	0305186D8Z	POLICY R&D PROGRAMS	6,263	6,263	6,263		6,263
240	0305199D8Z	NET CENTRICITY	23,275	23,275	23,275	–1,312	21,963
		Prior year underexecution				[–1,312]	
242	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,214	6,214	6,214		6,214
249	0305327V	INSIDER THREAT	2,971	2,971	2,971		2,971
250	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	1,879	1,879	1,879		1,879
257	0306250JCY	CYBER OPERATIONS TECHNOLOGY SUPPORT	469,385	489,385	480,385	7,000	476,385
		INDOPACOM UPL—Offensive cyber		[20,000]			
		Locked Shield Exercise			[4,000]		
		Modernization of Department of Defense Internet Gateway Cyber Defense.			[7,000]	[7,000]	
261	0505167D8Z	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION.	1,760	1,760	1,760		1,760

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

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262	0708012K	LOGISTICS SUPPORT ACTIVITIES	1,420	1,420	1,420		1,420
263	0708012S	PACIFIC DISASTER CENTERS	1,905	1,905	1,905		1,905
264	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	3,249	3,249	3,249		3,249
265	1105219BB	MQ–9 UAV	37,188	52,188	37,188	30,000	67,188
		Adaptive Airborne Enterprise (A2E)		[15,000]		[30,000]	
267	1160403BB	AVIATION SYSTEMS	216,174	226,174	216,174	6,000	222,174
		Alternative Domestic Source AC–130J IRSS		[10,000]		[6,000]	
268	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	86,737	86,737	86,737		86,737
269	1160408BB	OPERATIONAL ENHANCEMENTS	216,135	214,635	216,135		216,135
		Program decrease		[–1,500]			
270	1160431BB	WARRIOR SYSTEMS	263,374	264,874	280,514	5,000	268,374
		Counter Uncrewed Aerial Systems (CUAS) Group 3 Defeat Acceleration.			[11,250]	[5,000]	
		Female Body Armor Development and Modernization		[1,500]			
		Next-Generation Blue Force Tracker			[5,890]		
271	1160432BB	SPECIAL PROGRAMS	529	529	529		529
272	1160434BB	UNMANNED ISR	6,727	6,727	6,727		6,727
273	1160480BB	SOF TACTICAL VEHICLES	9,335	9,335	9,335		9,335
274	1160483BB	MARITIME SYSTEMS	158,231	158,231	158,231		158,231
275	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	15,749	15,749	15,749		15,749
9999	9999999999	CLASSIFIED PROGRAMS	8,463,742	8,463,742	8,463,742		8,463,742
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**11,683,139**	**11,794,539**	**11,739,279**	**48,688**	**11,731,827**
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS					
278	0608648D8Z	ACQUISITION VISIBILITY—SOFTWARE PILOT PROGRAM	21,355	21,355	21,355		21,355
279	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	33,166	33,166	33,166		33,166
9999	9999999999	CLASSIFIED PROGRAMS	270,653	270,653	270,653		270,653

		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	**325,174**	**325,174**	**325,174**		**325,174**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW	**36,185,834**	**760,516**	**261,140**	**744,163**	**36,929,997**
		OPERATIONAL TEST & EVAL, DEFENSE					
		MANAGEMENT SUPPORT					
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	169,544	169,544	169,544		169,544
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	103,252	103,252	103,252		103,252
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	58,693	58,693	58,693		58,693
		SUBTOTAL MANAGEMENT SUPPORT	**331,489**	**331,489**	**331,489**		**331,489**
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	**331,489**				**331,489**
		TOTAL RDT&E	**144,979,625**	**144,594,152**	**146,140,912**	**965,094**	**145,944,719**

TOTAL WORKING CAPITAL FUND, DEFENSE COMMISSARY AGENCY	**1,447,612**	**1,447,612**	**1,447,612**		**1,447,612**
CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE					
OPERATION AND MAINTENANCE	89,284	89,284	89,284		89,284
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION	1,002,560	1,002,560	1,002,560		1,002,560
TOTAL CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	**1,091,844**	**1,091,844**	**1,091,844**		**1,091,844**
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE					
COUNTER-NARCOTICS SUPPORT	643,848	673,848	643,848	5,000	648,848
Advanced Analytics for Global Threat Network Disruption		[5,000]			
Counter Strategic Competitors in the Western Hemisphere		[15,000]			
Global Trader in the Office of Naval Intelligence Maritime Intelligence Support		[5,000]		[5,000]	
U.S. Northern Command Mexico Office of Defense Cooperation		[5,000]			
DRUG DEMAND REDUCTION PROGRAM	134,313	136,813	134,313	2,500	136,813
Young Marines Program		[2,500]		[2,500]	
NATIONAL GUARD COUNTER-DRUG PROGRAM	102,272	122,272	102,272	20,000	122,272
Program increase		[20,000]		[20,000]	
NATIONAL GUARD COUNTER-DRUG SCHOOLS	5,993	10,993	5,993	5,000	10,993
Program increase		[5,000]		[5,000]	
TOTAL DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	**886,426**	**943,926**	**886,426**	**32,500**	**918,926**
OFFICE OF THE INSPECTOR GENERAL					
OFFICE OF THE INSPECTOR GENERAL—O&M	518,919	538,919	518,919		518,919
Special Inspector General for Ukraine Assistance		[20,000]			
OFFICE OF THE INSPECTOR GENERAL—CYBER	1,948	1,948	1,948		1,948
OFFICE OF THE INSPECTOR GENERAL—RDT&E	3,400	3,400	3,400		3,400
OFFICE OF THE INSPECTOR GENERAL—PROCUREMENT	1,098	1,098	1,098		1,098
TOTAL OFFICE OF THE INSPECTOR GENERAL	**525,365**	**545,365**	**525,365**		**525,365**
DEFENSE HEALTH PROGRAM					
IN-HOUSE CARE	10,044,342	10,049,342	10,044,342	–93,989	9,950,353
Baseline adjustment				[–93,989]	