

1 **TITLE XLI—PROCUREMENT**2 **SEC. 4101. PROCUREMENT.**

<b>SEC. 4101. PROCUREMENT</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
<b>FIXED WING</b>			
2	MQ-1 UAV .....	0	165,000
	Reverse planned temporary procurement pause .....		[165,000]
3	FUTURE UAS FAMILY .....	1,100	1,100
4	RQ-11 (RAVEN) .....	20,851	20,851
<b>ROTARY</b>			
7	AH-64 APACHE BLOCK IIIA REMAN .....	792,027	792,027
8	AH-64 APACHE BLOCK IIIA REMAN AP .....	169,460	169,460
11	UH-60 BLACKHAWK M MODEL (MYP) .....	742,998	742,998
12	UH-60 BLACKHAWK M MODEL (MYP) AP .....	87,427	87,427
13	UH-60 BLACK HAWK L AND V MODELS .....	172,797	172,797
14	CH-47 HELICOPTER .....	160,750	160,750
15	CH-47 HELICOPTER AP .....	18,372	18,372
<b>MODIFICATION OF AIRCRAFT</b>			
18	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....	7,509	7,509
19	GRAY EAGLE MODS2 .....	16,280	16,280
20	MULTI SENSOR ABN RECON (MIP) .....	35,864	35,864
21	AH-64 MODS .....	118,316	118,316
22	CH-47 CARGO HELICOPTER MODS (MYP) .....	15,548	35,548
	IVCS .....		[20,000]
23	GRCS SEMA MODS (MIP) .....	2,947	2,947
24	ARL SEMA MODS (MIP) .....	9,598	9,598
25	EMARSS SEMA MODS (MIP) .....	2,452	2,452
26	UTILITY/CARGO AIRPLANE MODS .....	13,868	13,868
27	UTILITY HELICOPTER MODS .....	25,842	25,842
28	NETWORK AND MISSION PLAN .....	77,432	77,432
29	COMMS, NAV SURVEILLANCE .....	101,355	101,355
31	AVIATION ASSURED PNT .....	54,609	54,609
32	GATM ROLLUP .....	12,180	12,180
34	UAS MODS .....	4,204	4,204
<b>GROUND SUPPORT AVIONICS</b>			
35	AIRCRAFT SURVIVABILITY EQUIPMENT .....	49,455	49,455
36	SURVIVABILITY CM .....	8,035	8,035
37	CMWS .....	10,567	10,567
38	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	237,467	237,467
<b>OTHER SUPPORT</b>			
39	AVIONICS SUPPORT EQUIPMENT .....	1,789	1,789
40	COMMON GROUND EQUIPMENT .....	17,584	17,584
41	AIRCREW INTEGRATED SYSTEMS .....	48,265	48,265
42	AIR TRAFFIC CONTROL .....	26,408	26,408
44	LAUNCHER, 2.75 ROCKET .....	2,256	2,256
45	LAUNCHER GUIDED MISSILE: LONGBOW HELLFIRE XM2 .....	8,982	8,982
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>3,074,594</b>	<b>3,259,594</b>
<b>MISSILE PROCUREMENT, ARMY</b>			
<b>SURFACE-TO-AIR MISSILE SYSTEM</b>			
2	M-SHORAD—PROCUREMENT .....	378,654	378,654
3	MSE MISSILE .....	603,188	779,773
	Transfer missiles from EDI OCO .....		[176,585]
4	PRECISION STRIKE MISSILE (PRSM) .....	49,941	49,941
5	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....	106,261	65,761
	Army-identified funding early to need .....		[-40,500]
<b>AIR-TO-SURFACE MISSILE SYSTEM</b>			
6	HELLFIRE SYS SUMMARY .....	91,225	91,225
7	JOINT AIR-TO-GROUND MSLS (JAGM) .....	213,397	213,397
8	LONG RANGE PRECISION MUNITION .....	45,307	45,307
<b>ANTI-TANK/ASSAULT MISSILE SYS</b>			
9	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	190,325	190,325
10	TOW 2 SYSTEM SUMMARY .....	121,074	121,074
11	GUIDED MLRS ROCKET (GMLRS) .....	850,157	850,157
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....	30,836	30,836
13	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....	41,226	41,226
<b>MODIFICATIONS</b>			
16	PATRIOT MODS .....	278,050	278,050
17	ATACMS MODS .....	141,690	141,690
20	AVENGER MODS .....	13,942	13,942
21	ITAS/TOW MODS .....	5,666	5,666
22	MLRS MODS .....	310,419	310,419
23	HIMARS MODIFICATIONS .....	6,081	6,081
<b>SPARES AND REPAIR PARTS</b>			
24	SPARES AND REPAIR PARTS .....	5,090	5,090

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<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>			
25	AIR DEFENSE TARGETS .....	8,978	8,978
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>3,491,507</b>	<b>3,627,592</b>
<b>PROCUREMENT OF W&amp;TCV, ARMY</b>			
<b>TRACKED COMBAT VEHICLES</b>			
2	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	192,971	172,971
	Program decrease .....		[-20,000]
<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>			
4	STRYKER UPGRADE .....	847,212	847,212
5	BRADLEY PROGRAM (MOD) .....	493,109	473,109
	UBIS slip .....		[-20,000]
6	M109 FOV MODIFICATIONS .....	26,893	26,893
7	PALADIN INTEGRATED MANAGEMENT (PIM) .....	435,825	435,825
9	ASSAULT BRIDGE (MOD) .....	5,074	5,074
10	ASSAULT BREACHER VEHICLE .....	19,500	19,500
11	M88 FOV MODS .....	18,382	13,382
	Unjustified growth .....		[-5,000]
12	JOINT ASSAULT BRIDGE .....	72,178	61,678
	IOTE and testing delay .....		[-10,500]
13	M1 ABRAMS TANK (MOD) .....	392,013	392,013
14	ABRAMS UPGRADE PROGRAM .....	1,033,253	1,033,253
<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>			
16	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	17,864	17,864
18	MORTAR SYSTEMS .....	10,288	10,288
19	XM320 GRENADE LAUNCHER MODULE (GLM) .....	5,969	5,969
20	PRECISION SNIPER RIFLE .....	10,137	10,137
21	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM .....	999	999
22	CARBINE .....	7,411	7,411
23	NEXT GENERATION SQUAD WEAPON .....	35,822	35,822
24	COMMON REMOTELY OPERATED WEAPONS STATION .....	24,534	24,534
25	HANDGUN .....	4,662	4,662
<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>			
26	MK-19 GRENADE MACHINE GUN MODS .....	6,444	6,444
27	M777 MODS .....	10,983	10,983
28	M4 CARBINE MODS .....	4,824	4,824
31	M240 MEDIUM MACHINE GUN MODS .....	6,385	6,385
32	SNIPER RIFLES MODIFICATIONS .....	1,898	1,898
33	M119 MODIFICATIONS .....	2,009	2,009
34	MORTAR MODIFICATION .....	1,689	1,689
35	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....	2,604	2,604
<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>			
36	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	2,763	2,763
37	PRODUCTION BASE SUPPORT (WOCV-WTCV) .....	3,045	3,045
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>3,696,740</b>	<b>3,641,240</b>
<b>PROCUREMENT OF AMMUNITION, ARMY</b>			
<b>SMALL/MEDIUM CAL AMMUNITION</b>			
1	CTG, 5.56MM, ALL TYPES .....	68,472	68,472
2	CTG, 7.62MM, ALL TYPES .....	109,933	109,933
3	NEXT GENERATION SQUAD WEAPON AMMUNITION .....	11,988	11,988
4	CTG, HANDGUN, ALL TYPES .....	853	853
5	CTG, .50 CAL, ALL TYPES .....	58,280	58,280
6	CTG, 20MM, ALL TYPES .....	31,708	31,708
7	CTG, 25MM, ALL TYPES .....	9,111	9,111
8	CTG, 30MM, ALL TYPES .....	58,172	58,172
9	CTG, 40MM, ALL TYPES .....	114,638	114,638
<b>MORTAR AMMUNITION</b>			
10	60MM MORTAR, ALL TYPES .....	31,222	31,222
11	81MM MORTAR, ALL TYPES .....	42,857	42,857
12	120MM MORTAR, ALL TYPES .....	107,762	107,762
<b>TANK AMMUNITION</b>			
13	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....	233,444	233,444
<b>ARTILLERY AMMUNITION</b>			
14	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....	35,963	35,963
15	ARTILLERY PROJECTILE, 155MM, ALL TYPES .....	293,692	293,692
16	PROJ 155MM EXTENDED RANGE M982 .....	69,159	69,159
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	232,913	232,913
<b>MINES</b>			
18	MINES & CLEARING CHARGES, ALL TYPES .....	65,278	65,278
19	CLOSE TERRAIN SHAPING OBSTACLE .....	4,995	4,995
<b>ROCKETS</b>			
20	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	69,112	69,112
21	ROCKET, HYDRA 70, ALL TYPES .....	125,915	125,915
<b>OTHER AMMUNITION</b>			
22	CAD/PAD, ALL TYPES .....	8,891	8,891
23	DEMOLITION MUNITIONS, ALL TYPES .....	54,043	54,043
24	GRENADES, ALL TYPES .....	28,931	28,931

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25	SIGNALS, ALL TYPES .....	27,036	27,036
26	SIMULATORS, ALL TYPES .....	10,253	10,253
	<b>MISCELLANEOUS</b>		
27	AMMO COMPONENTS, ALL TYPES .....	3,476	3,476
29	ITEMS LESS THAN \$5 MILLION (AMMO) .....	10,569	10,569
30	AMMUNITION PECULIAR EQUIPMENT .....	12,338	12,338
31	FIRST DESTINATION TRANSPORTATION (AMMO) .....	15,908	15,908
32	CLOSEOUT LIABILITIES .....	99	99
	<b>PRODUCTION BASE SUPPORT</b>		
33	INDUSTRIAL FACILITIES .....	592,224	592,224
34	CONVENTIONAL MUNITIONS DEMILITARIZATION .....	235,112	235,112
35	ARMS INITIATIVE .....	3,369	3,369
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>2,777,716</b>	<b>2,777,716</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
1	TACTICAL TRAILERS/DOLLY SETS .....	12,986	12,986
2	SEMITRAILERS, FLATBED: .....	31,443	31,443
3	SEMITRAILERS, TANKERS .....	17,082	17,082
4	HI MOB MULTI-PURP WHLD VEH (HMMWV) .....	44,795	44,795
5	GROUND MOBILITY VEHICLES (GMV) .....	37,932	37,932
8	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL .....	894,414	894,414
9	TRUCK, DUMP, 20T (CCE) .....	29,368	29,368
10	FAMILY OF MEDIUM TACTICAL VEH (FMTV) .....	95,092	95,092
11	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C .....	999	999
12	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP .....	27,687	27,687
14	PLS ESP .....	21,969	21,969
15	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....	63,635	63,635
16	HMMWV RECAPITALIZATION PROGRAM .....	5,927	5,927
17	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	36,497	36,497
18	MODIFICATION OF IN SVC EQUIP .....	114,977	114,977
	<b>NON-TACTICAL VEHICLES</b>		
20	PASSENGER CARRYING VEHICLES .....	1,246	1,246
21	NONTACTICAL VEHICLES, OTHER .....	19,870	19,870
	<b>COMM—JOINT COMMUNICATIONS</b>		
22	SIGNAL MODERNIZATION PROGRAM .....	160,469	160,469
23	TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....	360,379	363,379
	MDTF scalable node equipment .....		[5,000]
24	SITUATION INFORMATION TRANSPORT .....	63,396	63,396
26	JCSE EQUIPMENT (USRDECOM) .....	5,170	5,170
	<b>COMM—SATELLITE COMMUNICATIONS</b>		
29	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....	101,498	101,498
30	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	72,450	74,850
	AFRICOM force protection upgrades .....		[1,000]
	MDTF support requirements .....		[1,400]
31	SHF TERM .....	13,173	13,173
32	ASSURED POSITIONING, NAVIGATION AND TIMING .....	134,928	134,928
33	SMART-T (SPACE) .....	8,611	8,611
34	GLOBAL BRDCST SVC—GBS .....	8,191	8,191
	<b>COMM—C3 SYSTEM</b>		
36	COE TACTICAL SERVER INFRASTRUCTURE (TSI) .....	94,871	94,871
	<b>COMM—COMBAT COMMUNICATIONS</b>		
37	HANDHELD MANPACK SMALL FORM FIT (HMS) .....	550,848	552,348
	AFRICOM force protection upgrades .....		[1,500]
38	RADIO TERMINAL SET, MIDS LVT(2) .....	8,237	8,237
41	SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....	13,967	0
	Program cancellation .....		[-13,967]
43	UNIFIED COMMAND SUITE .....	19,579	19,579
44	COTS COMMUNICATIONS EQUIPMENT .....	94,156	94,156
45	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	18,313	18,313
46	ARMY COMMUNICATIONS & ELECTRONICS .....	51,480	51,480
	<b>COMM—INTELLIGENCE COMM</b>		
48	CI AUTOMATION ARCHITECTURE (MIP) .....	13,146	13,146
49	DEFENSE MILITARY DECEPTION INITIATIVE .....	5,624	5,624
	<b>INFORMATION SECURITY</b>		
51	INFORMATION SYSTEM SECURITY PROGRAM-ISSP .....	4,596	4,596
52	COMMUNICATIONS SECURITY (COMSEC) .....	159,272	159,272
53	DEFENSIVE CYBER OPERATIONS .....	54,753	55,653
	MDTF cyber defense and EW tools .....		[900]
54	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....	1,760	1,760
56	ITEMS LESS THAN \$5M (INFO SECURITY) .....	260	260
	<b>COMM—LONG HAUL COMMUNICATIONS</b>		
57	BASE SUPPORT COMMUNICATIONS .....	29,761	30,761
	AFRICOM UFR force protection upgrades .....		[1,000]
	<b>COMM—BASE COMMUNICATIONS</b>		
58	INFORMATION SYSTEMS .....	147,696	147,696
59	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....	4,900	4,900
60	HOME STATION MISSION COMMAND CENTERS (HSMCC) .....	15,227	15,227

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61	JOINT INFORMATION ENVIRONMENT (JIE) .....	3,177	3,177
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	300,035	300,035
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
65	JTT/CIBS-M (MIP) .....	5,304	5,304
66	TERRESTRIAL LAYER SYSTEMS (TLS) (MIP) .....	8,081	8,081
68	DCGS-A (MIP) .....	151,886	151,886
70	TROJAN (MIP) .....	17,593	17,593
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	28,558	28,558
73	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	999	999
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
75	LIGHTWEIGHT COUNTER MORTAR RADAR .....	5,332	5,332
76	EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....	7,849	7,849
77	AIR VIGILANCE (AV) (MIP) .....	8,160	8,160
79	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST .....	8,669	8,669
81	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	0	13,400
	MDTF advanced intel systems remote collection .....		[13,400]
82	CI MODERNIZATION (MIP) .....	300	300
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
83	SENTINEL MODS .....	58,884	58,884
84	NIGHT VISION DEVICES .....	1,127,375	1,127,375
86	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	13,954	13,954
88	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	10,069	14,069
	AFRICOM UFR force protection upgrades .....		[4,000]
89	FAMILY OF WEAPON SIGHTS (FWS) .....	133,590	133,590
91	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	243,850	243,850
92	JOINT EFFECTS TARGETING SYSTEM (JETS) .....	69,641	69,641
94	COMPUTER BALLISTICS: LHMCB XM32 .....	7,509	7,509
95	MORTAR FIRE CONTROL SYSTEM .....	3,800	3,800
96	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS .....	7,292	7,292
97	COUNTERFIRE RADARS .....	72,421	72,421
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
98	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE ( .....	49,947	49,947
99	FIRE SUPPORT C2 FAMILY .....	9,390	9,390
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	47,374	47,374
101	IAMD BATTLE COMMAND SYSTEM .....	201,587	201,587
102	LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....	4,495	4,495
103	NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....	18,651	18,651
105	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....	2,792	2,792
106	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....	9,071	9,071
107	RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....	12,117	12,117
108	MOD OF IN-SVC EQUIPMENT (ENFIRE) .....	3,004	3,004
	<b>ELECT EQUIP—AUTOMATION</b>		
109	ARMY TRAINING MODERNIZATION .....	14,574	14,574
110	AUTOMATED DATA PROCESSING EQUIP .....	140,619	140,619
111	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....	4,448	4,448
112	HIGH PERF COMPUTING MOD PGM (HPCMP) .....	68,405	68,405
113	CONTRACT WRITING SYSTEM .....	8,459	8,459
114	CSS COMMUNICATIONS .....	57,651	57,651
115	RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	14,848	14,848
	<b>ELECT EQUIP—AUDIO VISUAL SYS (A/V)</b>		
117	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....	4,995	4,995
	<b>ELECT EQUIP—SUPPORT</b>		
119	BCT EMERGING TECHNOLOGIES .....	16,983	20,883
	MDTF advanced intel systems remote collection .....		[3,900]
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	1,582	1,582
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
123	CBRN DEFENSE .....	28,456	42,456
	WMD CST equipment .....		[14,000]
124	SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM) .....	13,995	13,995
	<b>BRIDGING EQUIPMENT</b>		
125	TACTICAL BRIDGING .....	10,545	10,545
126	TACTICAL BRIDGE, FLOAT-RIBBON .....	72,074	72,074
127	BRIDGE SUPPLEMENTAL SET .....	32,493	32,493
128	COMMON BRIDGE TRANSPORTER (CBT) RECAP .....	62,978	62,978
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
129	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....	5,570	5,570
130	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....	2,497	2,497
132	HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....	109,069	109,069
134	EOD ROBOTICS SYSTEMS RECAPITALIZATION .....	36,584	36,584
135	ROBOTICS AND APPLIQUE SYSTEMS .....	179,544	179,544
137	RENDER SAFE SETS KITS OUTFITS .....	64,583	64,583
139	FAMILY OF BOATS AND MOTORS .....	5,289	5,289
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
140	HEATERS AND ECU'S .....	8,200	8,200
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	4,625	4,625
143	GROUND SOLDIER SYSTEM .....	154,937	154,937
144	MOBILE SOLDIER POWER .....	34,297	34,297

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147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	53,021	53,021
148	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....	23,324	23,324
149	ITEMS LESS THAN \$5M (ENG SPT) .....	8,014	8,014
	<b>PETROLEUM EQUIPMENT</b>		
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	78,448	78,448
	<b>MEDICAL EQUIPMENT</b>		
151	COMBAT SUPPORT MEDICAL .....	59,485	59,485
	<b>MAINTENANCE EQUIPMENT</b>		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	40,337	40,337
153	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	5,386	5,386
	<b>CONSTRUCTION EQUIPMENT</b>		
154	GRADER, ROAD MTZD, Hvy, 6X4 (CCE) .....	5,406	5,406
155	SCRAPERS, EARTHMOVING .....	4,188	4,188
156	LOADERS .....	4,521	4,521
157	HYDRAULIC EXCAVATOR .....	5,186	5,186
158	TRACTOR, FULL TRACKED .....	4,715	4,715
159	ALL TERRAIN CRANES .....	70,560	70,560
162	CONST EQUIP ESP .....	8,925	8,925
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>		
164	ARMY WATERCRAFT ESP .....	40,910	40,910
165	MANEUVER SUPPORT VESSEL (MSV) .....	76,576	76,576
166	ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....	1,844	1,844
	<b>GENERATORS</b>		
167	GENERATORS AND ASSOCIATED EQUIP .....	53,433	53,433
168	TACTICAL ELECTRIC POWER RECAPITALIZATION .....	22,216	22,216
	<b>MATERIAL HANDLING EQUIPMENT</b>		
169	FAMILY OF FORKLIFTS .....	16,145	16,145
	<b>TRAINING EQUIPMENT</b>		
170	COMBAT TRAINING CENTERS SUPPORT .....	90,580	90,580
171	TRAINING DEVICES, NONSYSTEM .....	161,814	161,814
172	SYNTHETIC TRAINING ENVIRONMENT (STE) .....	13,063	13,063
175	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....	1,950	1,950
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
176	CALIBRATION SETS EQUIPMENT .....	2,511	2,511
177	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	78,578	78,578
178	TEST EQUIPMENT MODERNIZATION (TEMOD) .....	14,941	14,941
	<b>OTHER SUPPORT EQUIPMENT</b>		
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,629	8,629
181	PHYSICAL SECURITY SYSTEMS (OPA3) .....	75,499	87,499
	AFRICOM UFR force protection upgrades .....		[12,000]
182	BASE LEVEL COMMON EQUIPMENT .....	27,444	27,444
183	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....	32,485	48,385
	Expeditionary Solid Waste Disposal System .....		[15,900]
187	SPECIAL EQUIPMENT FOR TEST AND EVALUATION .....	39,436	39,436
	<b>OPA2</b>		
189	INITIAL SPARES—C&E .....	9,950	9,950
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>8,625,206</b>	<b>8,685,239</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>COMBAT AIRCRAFT</b>		
1	F/A-18E/F (FIGHTER) HORNET .....	1,761,146	1,761,146
3	JOINT STRIKE FIGHTER CV .....	2,181,780	2,381,780
	Additional aircraft .....		[200,000]
4	JOINT STRIKE FIGHTER CV AP .....	330,386	330,386
5	JSF STOVL .....	1,109,393	1,234,893
	Additional 2 F-35B aircraft .....		[125,500]
6	JSF STOVL AP .....	303,035	303,035
7	CH-53K (HEAVY LIFT) .....	813,324	793,324
	Force Design 2030 realignment NRE excess .....		[-20,000]
8	CH-53K (HEAVY LIFT) AP .....	201,188	191,188
	Force Design 2030 realignment .....		[-10,000]
9	V-22 (MEDIUM LIFT) .....	934,793	934,793
10	V-22 (MEDIUM LIFT) AP .....	39,547	39,547
11	H-1 UPGRADES (UH-1Y/AH-1Z) .....	7,267	7,267
13	P-8A POSEIDON .....	80,134	80,134
15	E-2D ADV HAWKEYE .....	626,109	626,109
16	E-2D ADV HAWKEYE AP .....	123,166	123,166
	<b>TRAINER AIRCRAFT</b>		
17	ADVANCED HELICOPTER TRAINING SYSTEM .....	269,867	269,867
	<b>OTHER AIRCRAFT</b>		
18	KC-130J .....	380,984	380,984
19	KC-130J AP .....	67,022	67,022
21	MQ-4 TRITON .....	150,570	100,570
	Excess funding given procurement pause until FY23 .....		[-50,000]
23	MQ-8 UAV .....	40,375	40,375
24	STUASL0 UAV .....	30,930	30,930
26	VH-92A EXECUTIVE HELO .....	610,231	610,231
	<b>MODIFICATION OF AIRCRAFT</b>		

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
28	F-18 A-D UNIQUE .....	208,261	208,261
29	F-18E/F AND EA-18G MODERNIZATION AND SUSTAINM .....	468,954	468,954
30	AEA SYSTEMS .....	21,061	21,061
31	AV-8 SERIES .....	34,082	34,082
32	INFRARED SEARCH AND TRACK (IRST) .....	158,055	158,055
33	ADVERSARY .....	42,946	42,946
34	F-18 SERIES .....	379,351	379,351
35	H-53 SERIES .....	74,771	74,771
36	MH-60 SERIES .....	131,584	131,584
37	H-1 SERIES .....	185,140	185,140
38	EP-3 SERIES .....	26,602	26,602
40	E-2 SERIES .....	175,540	175,540
41	TRAINER A/C SERIES .....	7,085	7,085
42	C-2A .....	9,525	9,525
43	C-130 SERIES .....	141,705	141,705
44	FEWSG .....	684	684
45	CARGO/TRANSPORT A/C SERIES .....	8,911	8,911
46	E-6 SERIES .....	197,206	197,206
47	EXECUTIVE HELICOPTERS SERIES .....	29,086	29,086
49	T-45 SERIES .....	153,745	153,745
50	POWER PLANT CHANGES .....	24,633	24,633
51	JPATS SERIES .....	22,682	22,682
52	AVIATION LIFE SUPPORT MODS .....	40,401	45,401
	Aviation body armor vest .....		[5,000]
53	COMMON ECM EQUIPMENT .....	138,480	138,480
54	COMMON AVIONICS CHANGES .....	143,322	143,322
55	COMMON DEFENSIVE WEAPON SYSTEM .....	2,142	2,142
56	ID SYSTEMS .....	35,999	35,999
57	P-8 SERIES .....	180,530	180,530
58	MAGTF EW FOR AVIATION .....	27,794	27,794
59	MQ-8 SERIES .....	28,774	28,774
60	V-22 (TILT/ROTOR ACFT) OSPREY .....	334,405	334,405
61	NEXT GENERATION JAMMER (NGJ) .....	176,638	176,638
62	F-35 STOVL SERIES .....	153,588	153,588
63	F-35 CV SERIES .....	105,452	105,452
64	QRC .....	126,618	126,618
65	MQ-4 SERIES .....	12,998	12,998
66	RQ-21 SERIES .....	18,550	18,550
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
70	SPARES AND REPAIR PARTS .....	2,198,460	2,228,460
	Additional F-35B/C spares .....		[30,000]
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>		
71	COMMON GROUND EQUIPMENT .....	543,559	543,559
72	AIRCRAFT INDUSTRIAL FACILITIES .....	75,685	75,685
73	WAR CONSUMABLES .....	40,633	40,633
74	OTHER PRODUCTION CHARGES .....	21,194	21,194
75	SPECIAL SUPPORT EQUIPMENT .....	155,179	155,179
76	FIRST DESTINATION TRANSPORTATION .....	2,121	2,121
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>17,127,378</b>	<b>17,407,878</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>MODIFICATION OF MISSILES</b>		
1	TRIDENT II MODS .....	1,173,837	1,173,837
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
2	MISSILE INDUSTRIAL FACILITIES .....	7,275	7,275
	<b>STRATEGIC MISSILES</b>		
3	TOMAHAWK .....	277,694	303,694
	Program increase for USMC Tomahawk .....		[26,000]
	<b>TACTICAL MISSILES</b>		
4	AMRAAM .....	326,952	326,952
5	SIDEWINDER .....	126,485	126,485
7	STANDARD MISSILE .....	456,206	456,206
8	STANDARD MISSILE AP .....	66,716	66,716
9	SMALL DIAMETER BOMB II .....	78,867	78,867
10	RAM .....	90,533	90,533
11	JOINT AIR GROUND MISSILE (JAGM) .....	49,386	49,386
14	AERIAL TARGETS .....	174,336	174,336
15	DRONES AND DECOYS .....	41,256	41,256
16	OTHER MISSILE SUPPORT .....	3,501	3,501
17	LRASM .....	168,845	203,845
	Additional Navy LRASM missiles .....		[35,000]
18	LCS OTH MISSILE .....	32,910	32,910
	<b>MODIFICATION OF MISSILES</b>		
19	TOMAHAWK MODS .....	164,915	164,915
20	ESSM .....	215,375	215,375
22	HARM MODS .....	147,572	147,572
23	STANDARD MISSILES MODS .....	83,654	83,654
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
24	WEAPONS INDUSTRIAL FACILITIES .....	1,996	1,996
25	FLEET SATELLITE COMM FOLLOW-ON .....	53,401	53,401
	<b>ORDNANCE SUPPORT EQUIPMENT</b>		
27	ORDNANCE SUPPORT EQUIPMENT .....	215,659	215,659
	<b>TORPEDOES AND RELATED EQUIP</b>		
28	SSTD .....	5,811	3,611
	Insufficient justification for ADC non-recurring costs .....		[-2,200]
29	MK-48 TORPEDO .....	284,901	284,901
30	ASW TARGETS .....	13,833	13,833
	<b>MOD OF TORPEDOES AND RELATED EQUIP</b>		
31	MK-54 TORPEDO MODS .....	110,286	100,286
	Mk 54 Mod 0 production delays .....		[-10,000]
32	MK-48 TORPEDO ADCAP MODS .....	57,214	57,214
33	MARITIME MINES .....	5,832	5,832
	<b>SUPPORT EQUIPMENT</b>		
34	TORPEDO SUPPORT EQUIPMENT .....	97,581	97,581
35	ASW RANGE SUPPORT .....	4,159	4,159
	<b>DESTINATION TRANSPORTATION</b>		
36	FIRST DESTINATION TRANSPORTATION .....	4,106	4,106
	<b>GUNS AND GUN MOUNTS</b>		
37	SMALL ARMS AND WEAPONS .....	16,030	16,030
	<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>		
38	CIWS MODS .....	37,147	37,147
39	COAST GUARD WEAPONS .....	45,804	45,804
40	GUN MOUNT MODS .....	74,427	74,427
41	LCS MODULE WEAPONS .....	4,253	4,253
42	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....	6,662	6,662
	<b>SPARES AND REPAIR PARTS</b>		
45	SPARES AND REPAIR PARTS .....	159,578	159,578
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>4,884,995</b>	<b>4,933,795</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
1	GENERAL PURPOSE BOMBS .....	41,496	41,496
2	JDAM .....	64,631	64,631
3	AIRBORNE ROCKETS, ALL TYPES .....	60,719	60,719
4	MACHINE GUN AMMUNITION .....	11,158	11,158
5	PRACTICE BOMBS .....	51,409	51,409
6	CARTRIDGES & CART ACTUATED DEVICES .....	64,694	64,694
7	AIR EXPENDABLE COUNTERMEASURES .....	51,523	51,523
8	JATOS .....	6,761	6,761
9	5 INCH/54 GUN AMMUNITION .....	31,517	31,517
10	INTERMEDIATE CALIBER GUN AMMUNITION .....	38,005	38,005
11	OTHER SHIP GUN AMMUNITION .....	40,626	40,626
12	SMALL ARMS & LANDING PARTY AMMO .....	48,202	48,202
13	PYROTECHNIC AND DEMOLITION .....	9,766	9,766
15	AMMUNITION LESS THAN \$5 MILLION .....	2,115	2,115
	<b>MARINE CORPS AMMUNITION</b>		
16	MORTARS .....	46,781	46,781
17	DIRECT SUPPORT MUNITIONS .....	119,504	119,504
18	INFANTRY WEAPONS AMMUNITION .....	83,220	83,220
19	COMBAT SUPPORT MUNITIONS .....	32,650	32,650
20	AMMO MODERNIZATION .....	15,144	15,144
21	ARTILLERY MUNITIONS .....	59,539	59,539
22	ITEMS LESS THAN \$5 MILLION .....	4,142	4,142
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>883,602</b>	<b>883,602</b>
	<b>SHIPBUILDING AND CONVERSION, NAVY</b>		
	<b>FLEET BALLISTIC MISSILE SHIPS</b>		
1	OHIO REPLACEMENT SUBMARINE .....	2,891,475	2,891,475
2	OHIO REPLACEMENT SUBMARINE AP .....	1,123,175	1,298,175
	Submarine supplier stability .....		[175,000]
	<b>OTHER WARSHIPS</b>		
3	CARRIER REPLACEMENT PROGRAM .....	997,544	997,544
4	CVN-81 .....	1,645,606	1,645,606
5	VIRGINIA CLASS SUBMARINE .....	2,334,693	2,260,293
	Unjustified cost growth .....		[-74,400]
6	VIRGINIA CLASS SUBMARINE AP .....	1,901,187	2,373,187
	Long lead material for option ship .....		[472,000]
7	CVN REFUELING OVERHAULS .....	1,878,453	1,878,453
8	CVN REFUELING OVERHAULS AP .....	17,384	17,384
9	DDG 1000 .....	78,205	78,205
10	DDG-51 .....	3,040,270	3,010,270
	Available prior-year funds .....		[-30,000]
11	DDG-51 AP .....	29,297	464,297
	LLTM for FY22 DDG-51s .....		[260,000]
	Surface ship supplier stability .....		[175,000]
13	FFG-FRIGATE .....	1,053,123	1,053,123

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Line	Item	FY 2021 Request	Senate Authorized
<b>AMPHIBIOUS SHIPS</b>			
14	LPD FLIGHT II .....	1,155,801	905,801
	Transfer to Line 15 .....		[-250,000]
15	LPD FLIGHT II AP .....	0	500,000
	LPD-32 and LPD-33 program increase .....		[250,000]
	Transfer from Line 14 for LPD-32 and LPD-33 .....		[250,000]
17	LHA REPLACEMENT .....	0	250,000
	LHA-9 program increase .....		[250,000]
<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>			
22	TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....	168,209	168,209
23	LCU 1700 .....	87,395	70,395
	Insufficient justification .....		[-17,000]
24	OUTFITTING .....	825,586	747,286
	Unjustified cost growth .....		[-78,300]
26	SERVICE CRAFT .....	249,781	275,281
	Accelerate YP-703 Flight II .....		[25,500]
27	LCAC SLEP .....	56,461	0
	Insufficient justification .....		[-56,461]
28	COMPLETION OF PY SHIPBUILDING PROGRAMS .....	369,112	369,112
	<b>TOTAL SHIPBUILDING AND CONVERSION, NAVY</b> .....	<b>19,902,757</b>	<b>21,254,096</b>
<b>OTHER PROCUREMENT, NAVY</b>			
<b>SHIP PROPULSION EQUIPMENT</b>			
1	SURFACE POWER EQUIPMENT .....	11,738	11,738
<b>GENERATORS</b>			
2	SURFACE COMBATANT HM&E .....	58,497	38,497
	Hardware and software upgrades for 5 previously procured HED ship sets .....		[15,000]
	HED installation early to need .....		[-35,000]
<b>NAVIGATION EQUIPMENT</b>			
3	OTHER NAVIGATION EQUIPMENT .....	74,084	74,084
<b>OTHER SHIPBOARD EQUIPMENT</b>			
4	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....	204,806	204,806
5	DDG MOD .....	547,569	497,569
	Installation excess unit cost growth .....		[-50,000]
6	FIREFIGHTING EQUIPMENT .....	18,394	18,394
7	COMMAND AND CONTROL SWITCHBOARD .....	2,374	2,374
8	LHA/LHD MIDLIFE .....	78,265	78,265
9	POLLUTION CONTROL EQUIPMENT .....	23,035	23,035
10	SUBMARINE SUPPORT EQUIPMENT .....	64,632	64,632
11	VIRGINIA CLASS SUPPORT EQUIPMENT .....	22,868	22,868
12	LCS CLASS SUPPORT EQUIPMENT .....	3,976	3,976
13	SUBMARINE BATTERIES .....	31,322	31,322
14	LPD CLASS SUPPORT EQUIPMENT .....	50,475	50,475
15	DDG 1000 CLASS SUPPORT EQUIPMENT .....	42,279	42,279
16	STRATEGIC PLATFORM SUPPORT EQUIP .....	15,429	15,429
17	DSSP EQUIPMENT .....	2,918	2,918
18	CG MODERNIZATION .....	87,978	87,978
19	LCAC .....	9,366	9,366
20	UNDERWATER EOD EQUIPMENT .....	16,842	16,842
21	ITEMS LESS THAN \$5 MILLION .....	105,715	105,715
22	CHEMICAL WARFARE DETECTORS .....	3,044	3,044
23	SUBMARINE LIFE SUPPORT SYSTEM .....	5,885	5,885
<b>REACTOR PLANT EQUIPMENT</b>			
24	SHIP MAINTENANCE, REPAIR AND MODERNIZATION .....	1,260,721	1,260,721
25	REACTOR POWER UNITS .....	5,305	5,305
26	REACTOR COMPONENTS .....	415,404	415,404
<b>OCEAN ENGINEERING</b>			
27	DIVING AND SALVAGE EQUIPMENT .....	11,143	11,143
<b>SMALL BOATS</b>			
28	STANDARD BOATS .....	52,371	52,371
<b>PRODUCTION FACILITIES EQUIPMENT</b>			
29	OPERATING FORCES IPE .....	233,667	233,667
<b>OTHER SHIP SUPPORT</b>			
30	LCS COMMON MISSION MODULES EQUIPMENT .....	39,714	17,414
	MCM containers and MPCE sonar processing insufficient justification .....		[-22,300]
31	LCS MCM MISSION MODULES .....	218,822	95,322
	Excess procurement ahead of satisfactory testing .....		[-123,500]
32	LCS ASW MISSION MODULES .....	61,759	4,759
	Excess procurement ahead of satisfactory testing .....		[-57,000]
33	LCS SUW MISSION MODULES .....	24,412	24,412
34	LCS IN-SERVICE MODERNIZATION .....	121,848	121,848
35	SMALL & MEDIUM UUV .....	67,709	37,609
	SMCM UUV excess procurement ahead of satisfactory testing .....		[-30,100]
<b>SHIP SONARS</b>			
37	SPQ-9B RADAR .....	27,517	27,517
38	AN/SQQ-89 SURF ASW COMBAT SYSTEM .....	128,664	128,664
39	SSN ACOUSTIC EQUIPMENT .....	374,737	374,737
40	UNDERSEA WARFARE SUPPORT EQUIPMENT .....	9,286	9,286



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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>ASW ELECTRONIC EQUIPMENT</b>			
41	SUBMARINE ACOUSTIC WARFARE SYSTEM .....	26,066	26,066
42	SSTD .....	13,241	13,241
43	FIXED SURVEILLANCE SYSTEM .....	193,446	193,446
44	SURTASS .....	63,838	63,838
<b>ELECTRONIC WARFARE EQUIPMENT</b>			
45	AN/SLQ-32 .....	387,195	330,795
	Early to need .....		[-56,400]
<b>RECONNAISSANCE EQUIPMENT</b>			
46	SHIPBOARD IW EXPLOIT .....	235,744	235,744
47	AUTOMATED IDENTIFICATION SYSTEM (AIS) .....	3,862	3,862
<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>			
48	COOPERATIVE ENGAGEMENT CAPABILITY .....	26,006	18,706
	Common Array Block antenna program delays .....		[-7,300]
49	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....	15,385	15,385
50	ATDLS .....	103,835	103,835
51	NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....	3,594	3,594
52	MINESWEEPING SYSTEM REPLACEMENT .....	15,744	15,744
53	SHALLOW WATER MCM .....	5,493	5,493
54	NAVSTAR GPS RECEIVERS (SPACE) .....	38,043	38,043
55	AMERICAN FORCES RADIO AND TV SERVICE .....	2,592	2,592
56	STRATEGIC PLATFORM SUPPORT EQUIP .....	7,985	7,985
<b>AVIATION ELECTRONIC EQUIPMENT</b>			
57	ASHORE ATC EQUIPMENT .....	83,475	83,475
58	AFLOAT ATC EQUIPMENT .....	63,113	63,113
59	ID SYSTEMS .....	23,815	23,815
60	JOINT PRECISION APPROACH AND LANDING SYSTEM ( .....	100,751	100,751
61	NAVAL MISSION PLANNING SYSTEMS .....	13,947	13,947
<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>			
62	MARITIME INTEGRATED BROADCAST SYSTEM .....	1,375	1,375
63	TACTICAL/MOBILE C4I SYSTEMS .....	22,771	22,771
64	DCGS-N .....	18,872	18,872
65	CANES .....	389,585	389,585
66	RADIAC .....	10,335	10,335
67	CANES-INTELL .....	48,654	48,654
68	GPETE .....	8,133	8,133
69	MASF .....	4,150	4,150
70	INTEG COMBAT SYSTEM TEST FACILITY .....	5,934	5,934
71	EMI CONTROL INSTRUMENTATION .....	4,334	4,334
72	ITEMS LESS THAN \$5 MILLION .....	159,815	105,015
	NGSSR available prior year funds .....		[-54,800]
<b>SHIPBOARD COMMUNICATIONS</b>			
73	SHIPBOARD TACTICAL COMMUNICATIONS .....	56,106	56,106
74	SHIP COMMUNICATIONS AUTOMATION .....	124,288	124,288
75	COMMUNICATIONS ITEMS UNDER \$5M .....	45,120	45,120
<b>SUBMARINE COMMUNICATIONS</b>			
76	SUBMARINE BROADCAST SUPPORT .....	31,133	31,133
77	SUBMARINE COMMUNICATION EQUIPMENT .....	62,214	62,214
<b>SATELLITE COMMUNICATIONS</b>			
78	SATELLITE COMMUNICATIONS SYSTEMS .....	47,421	47,421
79	NAVY MULTIBAND TERMINAL (NMT) .....	64,552	64,552
<b>SHORE COMMUNICATIONS</b>			
80	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	4,398	4,398
<b>CRYPTOGRAPHIC EQUIPMENT</b>			
81	INFO SYSTEMS SECURITY PROGRAM (ISSP) .....	157,551	157,551
82	MIO INTEL EXPLOITATION TEAM .....	985	985
<b>CRYPTOLOGIC EQUIPMENT</b>			
83	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	15,906	15,906
<b>OTHER ELECTRONIC SUPPORT</b>			
90	COAST GUARD EQUIPMENT .....	70,689	70,689
<b>SONOBUOYS</b>			
92	SONOBUOYS—ALL TYPES .....	237,639	286,739
	Program increase for sonobuoys .....		[49,100]
<b>AIRCRAFT SUPPORT EQUIPMENT</b>			
93	MINOTAUR .....	5,077	5,077
94	WEAPONS RANGE SUPPORT EQUIPMENT .....	83,969	83,969
95	AIRCRAFT SUPPORT EQUIPMENT .....	187,758	187,758
96	ADVANCED ARRESTING GEAR (AAG) .....	16,059	16,059
97	METEOROLOGICAL EQUIPMENT .....	15,192	15,192
99	LEGACY AIRBORNE MCM .....	6,674	6,674
100	LAMPS EQUIPMENT .....	1,189	1,189
101	AVIATION SUPPORT EQUIPMENT .....	58,873	58,873
102	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL .....	60,937	60,937
<b>SHIP GUN SYSTEM EQUIPMENT</b>			
103	SHIP GUN SYSTEMS EQUIPMENT .....	5,540	5,540
<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>			
104	HARPOON SUPPORT EQUIPMENT .....	208	208
105	SHIP MISSILE SUPPORT EQUIPMENT .....	262,077	262,077

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
106	TOMAHAWK SUPPORT EQUIPMENT .....	84,087	84,087
	<b>FBM SUPPORT EQUIPMENT</b>		
107	STRATEGIC MISSILE SYSTEMS EQUIP .....	258,910	258,910
	<b>ASW SUPPORT EQUIPMENT</b>		
108	SSN COMBAT CONTROL SYSTEMS .....	173,770	173,770
109	ASW SUPPORT EQUIPMENT .....	26,584	26,584
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	7,470	7,470
111	ITEMS LESS THAN \$5 MILLION .....	6,356	6,356
	<b>OTHER EXPENDABLE ORDNANCE</b>		
112	ANTI-SHIP MISSILE DECOY SYSTEM .....	86,356	86,356
113	SUBMARINE TRAINING DEVICE MODS .....	69,240	69,240
114	SURFACE TRAINING EQUIPMENT .....	192,245	192,245
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
115	PASSENGER CARRYING VEHICLES .....	6,123	6,123
116	GENERAL PURPOSE TRUCKS .....	2,693	2,693
117	CONSTRUCTION & MAINTENANCE EQUIP .....	47,301	47,301
118	FIRE FIGHTING EQUIPMENT .....	10,352	10,352
119	TACTICAL VEHICLES .....	31,475	31,475
121	POLLUTION CONTROL EQUIPMENT .....	2,630	2,630
122	ITEMS LESS THAN \$5 MILLION .....	47,972	47,972
123	PHYSICAL SECURITY VEHICLES .....	1,171	1,171
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
124	SUPPLY EQUIPMENT .....	19,693	19,693
125	FIRST DESTINATION TRANSPORTATION .....	4,956	4,956
126	SPECIAL PURPOSE SUPPLY SYSTEMS .....	668,639	668,639
	<b>TRAINING DEVICES</b>		
127	TRAINING SUPPORT EQUIPMENT .....	4,026	4,026
128	TRAINING AND EDUCATION EQUIPMENT .....	73,454	73,454
	<b>COMMAND SUPPORT EQUIPMENT</b>		
129	COMMAND SUPPORT EQUIPMENT .....	32,390	32,390
130	MEDICAL SUPPORT EQUIPMENT .....	974	974
132	NAVAL MIP SUPPORT EQUIPMENT .....	5,606	5,606
133	OPERATING FORCES SUPPORT EQUIPMENT .....	16,024	16,024
134	C4ISR EQUIPMENT .....	6,697	6,697
135	ENVIRONMENTAL SUPPORT EQUIPMENT .....	27,503	27,503
136	PHYSICAL SECURITY EQUIPMENT .....	138,281	138,281
137	ENTERPRISE INFORMATION TECHNOLOGY .....	42,680	42,680
	<b>OTHER</b>		
140	NEXT GENERATION ENTERPRISE SERVICE .....	184,443	184,443
141	CYBERSPACE ACTIVITIES .....	16,523	16,523
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	18,446	18,446
	<b>SPARES AND REPAIR PARTS</b>		
142	SPARES AND REPAIR PARTS .....	374,195	374,195
	<b>TOTAL OTHER PROCUREMENT, NAVY</b>	<b>10,948,518</b>	<b>10,576,218</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
1	AAV7A1 PIP .....	87,476	87,476
2	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES .....	478,874	478,874
3	LAV PIP .....	41,988	41,988
	<b>ARTILLERY AND OTHER WEAPONS</b>		
4	155MM LIGHTWEIGHT TOWED HOWITZER .....	59	59
5	ARTILLERY WEAPONS SYSTEM .....	174,687	234,287
	Ground-Based Anti-Ship Missile NSM .....		[59,600]
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....	24,867	24,867
	<b>OTHER SUPPORT</b>		
7	MODIFICATION KITS .....	3,067	3,067
	<b>GUIDED MISSILES</b>		
8	GROUND BASED AIR DEFENSE .....	18,920	18,920
9	ANTI-ARMOR MISSILE-JAVELIN .....	19,888	19,888
10	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS) .....	21,891	21,891
11	ANTI-ARMOR MISSILE-TOW .....	34,985	34,985
12	GUIDED MLRS ROCKET (GMLRS) .....	133,689	133,689
	<b>COMMAND AND CONTROL SYSTEMS</b>		
13	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C .....	35,057	35,057
	<b>REPAIR AND TEST EQUIPMENT</b>		
14	REPAIR AND TEST EQUIPMENT .....	24,405	24,405
	<b>OTHER SUPPORT (TEL)</b>		
15	MODIFICATION KITS .....	1,006	1,006
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>		
16	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	69,725	69,725
17	AIR OPERATIONS C2 SYSTEMS .....	15,611	15,611
	<b>RADAR + EQUIPMENT (NON-TEL)</b>		
19	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	284,283	284,283
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
20	GCSS-MC .....	1,587	1,587

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
21	FIRE SUPPORT SYSTEM .....	24,934	24,934
22	INTELLIGENCE SUPPORT EQUIPMENT .....	50,728	50,728
24	UNMANNED AIR SYSTEMS (INTEL) .....	24,853	24,853
25	DCGS-MC .....	38,260	38,260
26	UAS PAYLOADS .....	5,489	5,489
	<b>OTHER SUPPORT (NON-TEL)</b>		
29	NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....	78,922	78,922
30	COMMON COMPUTER RESOURCES .....	35,349	35,349
31	COMMAND POST SYSTEMS .....	33,713	33,713
32	RADIO SYSTEMS .....	343,250	343,250
33	COMM SWITCHING & CONTROL SYSTEMS .....	40,627	40,627
34	COMM & ELEC INFRASTRUCTURE SUPPORT .....	43,782	43,782
35	CYBERSPACE ACTIVITIES .....	53,896	53,896
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	3,797	3,797
	<b>ADMINISTRATIVE VEHICLES</b>		
37	COMMERCIAL CARGO VEHICLES .....	22,460	22,460
	<b>TACTICAL VEHICLES</b>		
38	MOTOR TRANSPORT MODIFICATIONS .....	10,739	10,739
39	JOINT LIGHT TACTICAL VEHICLE .....	381,675	381,675
40	FAMILY OF TACTICAL TRAILERS .....	2,963	2,963
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
42	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	385	385
43	TACTICAL FUEL SYSTEMS .....	501	501
44	POWER EQUIPMENT ASSORTED .....	23,430	23,430
45	AMPHIBIOUS SUPPORT EQUIPMENT .....	5,752	5,752
46	EOD SYSTEMS .....	20,939	20,939
	<b>MATERIALS HANDLING EQUIPMENT</b>		
47	PHYSICAL SECURITY EQUIPMENT .....	23,063	23,063
	<b>GENERAL PROPERTY</b>		
48	FIELD MEDICAL EQUIPMENT .....	4,187	4,187
49	TRAINING DEVICES .....	101,765	101,765
50	FAMILY OF CONSTRUCTION EQUIPMENT .....	19,305	19,305
51	ULTRA-LIGHT TACTICAL VEHICLE (ULTV) .....	678	678
	<b>OTHER SUPPORT</b>		
52	ITEMS LESS THAN \$5 MILLION .....	9,174	9,174
	<b>SPARES AND REPAIR PARTS</b>		
53	SPARES AND REPAIR PARTS .....	27,295	27,295
	<b>TOTAL PROCUREMENT, MARINE CORPS</b>	<b>2,903,976</b>	<b>2,963,576</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL FORCES</b>		
1	F-35 .....	4,567,018	5,543,685
	Additional 12 F-35As .....		[976,667]
2	F-35 .....	610,800	610,800
4	F-15EX .....	1,269,847	1,269,847
5	F-15EX .....	133,500	133,500
	<b>TACTICAL AIRLIFT</b>		
7	KC-46A MDAP .....	2,850,151	2,850,151
	<b>OTHER AIRLIFT</b>		
8	C-130J .....	37,131	37,131
10	MC-130J .....	362,807	362,807
11	MC-130J .....	39,987	39,987
	<b>HELICOPTERS</b>		
12	UH-1N REPLACEMENT .....	194,016	194,016
13	COMBAT RESCUE HELICOPTER .....	973,473	973,473
	<b>MISSION SUPPORT AIRCRAFT</b>		
15	CIVIL AIR PATROL A/C .....	2,811	2,811
	<b>OTHER AIRCRAFT</b>		
16	TARGET DRONES .....	133,273	133,273
18	COMPASS CALL .....	161,117	161,117
20	MQ-9 .....	29,409	79,409
	Program increase .....		[50,000]
	<b>STRATEGIC AIRCRAFT</b>		
22	B-1 .....	3,853	0
	USAF-requested transfer to RDAF Line 174 .....		[-3,853]
23	B-2A .....	31,476	31,476
24	B-1B .....	21,808	21,315
	USAF-requested transfer to RDAF Line 174 .....		[-493]
25	B-52 .....	53,949	53,949
26	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	9,999	9,999
	<b>TACTICAL AIRCRAFT</b>		
27	A-10 .....	135,793	135,793
28	E-11 BACN/HAG .....	33,645	33,645
29	F-15 .....	349,304	349,304
30	F-16 .....	615,760	640,760
	Additional radars .....		[25,000]
32	F-22A .....	387,905	387,905

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
33	F-35 MODIFICATIONS .....	322,185	322,185
34	F-15 EPAW .....	31,995	31,995
35	INCREMENT 3.2B .....	5,889	5,889
36	KC-46A MDAP .....	24,085	24,085
	<b>AIRLIFT AIRCRAFT</b>		
37	C-5 .....	62,108	62,108
38	C-17A .....	66,798	66,798
40	C-32A .....	2,947	2,947
41	C-37A .....	12,985	12,985
	<b>TRAINER AIRCRAFT</b>		
42	GLIDER MODS .....	977	977
43	T-6 .....	26,829	26,829
44	T-1 .....	4,465	4,465
45	T-38 .....	36,806	44,506
	T-38 ejection seats .....		[7,700]
	<b>OTHER AIRCRAFT</b>		
46	U-2 MODS .....	110,618	110,618
47	KC-10A (ATCA) .....	117	
49	VC-25A MOD .....	1,983	1,983
50	C-40 .....	9,252	9,252
51	C-130 .....	5,871	5,871
52	C-130J MODS .....	140,032	140,032
53	C-135 .....	88,250	88,250
55	COMPASS CALL .....	193,389	193,389
57	RC-135 .....	191,332	191,332
58	E-3 .....	172,141	172,141
59	E-4 .....	58,803	44,103
	Funds rephased to future fiscal years .....		[-14,700]
60	E-8 .....	11,037	21,037
	Secure information transmission capability .....		[10,000]
61	AIRBORNE WARNING AND CNTRL SYS (AWACS) 40/45 .....	53,343	53,343
62	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	1,573	1,573
63	H-1 .....	4,410	4,410
64	H-60 .....	44,538	44,538
65	RQ-4 MODS .....	40,468	40,468
66	HC/MC-130 MODIFICATIONS .....	20,780	20,780
67	OTHER AIRCRAFT .....	100,774	100,774
68	MQ-9 MODS .....	188,387	188,387
70	CV-22 MODS .....	122,306	127,306
	CV-22 ABSS .....		[5,000]
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
71	INITIAL SPARES/REPAIR PARTS .....	926,683	956,683
	F-35A initial spares increase .....		[30,000]
	<b>COMMON SUPPORT EQUIPMENT</b>		
73	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	132,719	132,719
	<b>POST PRODUCTION SUPPORT</b>		
74	B-2A .....	1,683	1,683
75	B-2B .....	46,734	46,734
76	B-52 .....	1,034	1,034
79	E-11 BACN/HAG .....	63,419	63,419
80	F-15 .....	2,632	2,632
81	F-16 .....	14,163	14,163
83	OTHER AIRCRAFT .....	4,595	4,595
84	RQ-4 POST PRODUCTION CHARGES .....	32,585	32,585
	<b>INDUSTRIAL PREPAREDNESS</b>		
85	INDUSTRIAL RESPONSIVENESS .....	18,215	18,215
	<b>WAR CONSUMABLES</b>		
86	WAR CONSUMABLES .....	36,046	36,046
	<b>OTHER PRODUCTION CHARGES</b>		
87	OTHER PRODUCTION CHARGES .....	1,439,640	1,514,640
	Classified increase .....		[75,000]
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	21,692	21,692
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>17,908,145</b>	<b>19,068,466</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>		
1	MISSILE REPLACEMENT EQ-BALLISTIC .....	75,012	75,012
	<b>TACTICAL</b>		
2	REPLAC EQUIP & WAR CONSUMABLES .....	4,495	4,495
4	JOINT AIR-SURFACE STANDOFF MISSILE .....	475,949	400,949
	Realignment to support NDS requirements in Pacific .....		[-75,000]
5	LRASM0 .....	19,800	94,800
	Additional Air Force LRASM missiles .....		[75,000]
6	SIDEWINDER (AIM-9X) .....	164,769	164,769
7	AMRAAM .....	453,223	453,223
8	PREDATOR HELLFIRE MISSILE .....	40,129	40,129
9	SMALL DIAMETER BOMB .....	45,475	45,475

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
10	SMALL DIAMETER BOMB II .....	273,272	273,272
	<b>INDUSTRIAL FACILITIES</b>		
11	INDUSTRIAL PREPAREDNESS/POL PREVENTION .....	814	814
	<b>CLASS IV</b>		
13	ICBM FUZE MOD .....	3,458	3,458
14	ICBM FUZE MOD AP .....	43,450	43,450
15	MM III MODIFICATIONS .....	85,310	85,310
16	AGM-65D MAVERICK .....	298	298
17	AIR LAUNCH CRUISE MISSILE (ALCM) .....	52,924	52,924
	<b>MISSILE SPARES AND REPAIR PARTS</b>		
18	MSL SPRS/REPAIR PARTS (INITIAL) .....	9,402	9,402
19	MSL SPRS/REPAIR PARTS (REPLEN) .....	84,671	84,671
	<b>SPECIAL PROGRAMS</b>		
25	SPECIAL UPDATE PROGRAMS .....	23,501	23,501
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	540,465	540,465
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....	<b>2,396,417</b>	<b>2,396,417</b>
	<b>PROCUREMENT, SPACE FORCE</b>		
	<b>SPACE PROCUREMENT, SF</b>		
1	ADVANCED EHF .....	14,823	14,823
2	AF SATELLITE COMM SYSTEM .....	48,326	48,326
3	COUNTERSPACE SYSTEMS .....	65,540	65,540
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	66,190	66,190
5	GENERAL INFORMATION TECH—SPACE .....	3,299	3,299
6	GPSIII FOLLOW ON .....	627,796	627,796
7	GPS III SPACE SEGMENT .....	20,122	20,122
8	GLOBAL POSITIONING (SPACE) .....	2,256	2,256
9	SPACEBORNE EQUIP (COMSEC) .....	35,495	35,495
10	MILSATCOM .....	15,795	15,795
11	SBIR HIGH (SPACE) .....	160,891	160,891
12	SPECIAL SPACE ACTIVITIES .....	78,387	78,387
13	NATIONAL SECURITY SPACE LAUNCH .....	1,043,171	1,043,171
14	NUDET DETECTION SYSTEM .....	6,638	6,638
15	ROCKET SYSTEMS LAUNCH PROGRAM .....	47,741	47,741
16	SPACE FENCE .....	11,279	11,279
17	SPACE MODS .....	96,551	109,051
	Cobra Dane service life extension .....		[12,500]
18	SPACELIFT RANGE SYSTEM SPACE .....	100,492	100,492
	<b>SPARES</b>		
19	SPARES AND REPAIR PARTS .....	1,272	1,272
	<b>TOTAL PROCUREMENT, SPACE FORCE</b> .....	<b>2,446,064</b>	<b>2,458,564</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
1	ROCKETS .....	14,962	14,962
	<b>CARTRIDGES</b>		
2	CARTRIDGES .....	123,365	123,365
	<b>BOMBS</b>		
3	PRACTICE BOMBS .....	59,725	59,725
6	JOINT DIRECT ATTACK MUNITION .....	206,989	206,989
7	B61 .....	35,634	35,634
	<b>OTHER ITEMS</b>		
9	CAD/PAD .....	47,830	47,830
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....	6,232	6,232
11	SPARES AND REPAIR PARTS .....	542	542
12	MODIFICATIONS .....	1,310	1,310
13	ITEMS LESS THAN \$5,000,000 .....	4,753	4,753
	<b>FLARES</b>		
15	FLARES .....	40,088	40,088
	<b>FUZES</b>		
16	FUZES .....	40,983	40,983
	<b>SMALL ARMS</b>		
17	SMALL ARMS .....	13,925	13,925
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....	<b>596,338</b>	<b>596,338</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
1	PASSENGER CARRYING VEHICLES .....	9,016	9,016
	<b>CARGO AND UTILITY VEHICLES</b>		
2	MEDIUM TACTICAL VEHICLE .....	15,058	15,058
3	CAP VEHICLES .....	1,059	1,059
4	CARGO AND UTILITY VEHICLES .....	38,920	38,920
	<b>SPECIAL PURPOSE VEHICLES</b>		
5	JOINT LIGHT TACTICAL VEHICLE .....	30,544	30,544
6	SECURITY AND TACTICAL VEHICLES .....	319	319
7	SPECIAL PURPOSE VEHICLES .....	43,157	43,157
	<b>FIRE FIGHTING EQUIPMENT</b>		

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Line	Item	FY 2021 Request	Senate Authorized
8	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	8,621	8,621
	<b>MATERIALS HANDLING EQUIPMENT</b>		
9	MATERIALS HANDLING VEHICLES .....	12,897	12,897
	<b>BASE MAINTENANCE SUPPORT</b>		
10	RUNWAY SNOW REMOV AND CLEANING EQU .....	3,577	3,577
11	BASE MAINTENANCE SUPPORT VEHICLES .....	43,095	43,095
	<b>COMM SECURITY EQUIPMENT(COMSEC)</b>		
13	COMSEC EQUIPMENT .....	54,864	54,864
	<b>INTELLIGENCE PROGRAMS</b>		
14	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	9,283	10,783
	PDI: Mission Partner Environment BICES-X local upgrades .....		[1,500]
15	INTELLIGENCE TRAINING EQUIPMENT .....	6,849	6,849
16	INTELLIGENCE COMM EQUIPMENT .....	33,471	33,471
	<b>ELECTRONICS PROGRAMS</b>		
17	AIR TRAFFIC CONTROL & LANDING SYS .....	29,409	29,409
18	BATTLE CONTROL SYSTEM—FIXED .....	7,909	7,909
19	THEATER AIR CONTROL SYS IMPROVEMEN .....	32,632	32,632
20	WEATHER OBSERVATION FORECAST .....	33,021	33,021
21	STRATEGIC COMMAND AND CONTROL .....	31,353	31,353
22	CHEYENNE MOUNTAIN COMPLEX .....	10,314	10,314
23	MISSION PLANNING SYSTEMS .....	15,132	15,132
25	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....	9,806	9,806
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
26	GENERAL INFORMATION TECHNOLOGY .....	39,887	39,887
27	AF GLOBAL COMMAND & CONTROL SYS .....	2,602	2,602
29	MOBILITY COMMAND AND CONTROL .....	10,541	10,541
30	AIR FORCE PHYSICAL SECURITY SYSTEM .....	96,277	96,277
31	COMBAT TRAINING RANGES .....	195,185	195,185
32	MINIMUM ESSENTIAL EMERGENCY COMM N .....	29,664	29,664
33	WIDE AREA SURVEILLANCE (WAS) .....	59,633	59,633
34	C3 COUNTERMEASURES .....	105,584	105,584
36	DEFENSE ENTERPRISE ACCOUNTING & MGT SYS .....	899	899
38	THEATER BATTLE MGT C2 SYSTEM .....	3,392	3,392
39	AIR & SPACE OPERATIONS CENTER (AOC) .....	24,983	24,983
	<b>AIR FORCE COMMUNICATIONS</b>		
41	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED .....	19,147	19,147
42	AFNET .....	84,515	84,515
43	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	6,185	6,185
44	USCENTCOM .....	19,649	19,649
45	USSTRATCOM .....	4,337	4,337
	<b>ORGANIZATION AND BASE</b>		
46	TACTICAL C-E EQUIPMENT .....	137,033	137,033
47	RADIO EQUIPMENT .....	15,264	15,264
49	BASE COMM INFRASTRUCTURE .....	132,281	146,281
	PDI: Mission Partner Environment PACNET .....		[14,000]
	<b>MODIFICATIONS</b>		
50	COMM ELECT MODS .....	21,471	21,471
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>		
51	PERSONAL SAFETY AND RESCUE EQUIPMENT .....	49,578	49,578
	<b>DEPOT PLANT+MTRLS HANDLING EQ</b>		
52	POWER CONDITIONING EQUIPMENT .....	11,454	11,454
53	MECHANIZED MATERIAL HANDLING EQUIP .....	12,110	12,110
	<b>BASE SUPPORT EQUIPMENT</b>		
54	BASE PROCURED EQUIPMENT .....	21,142	21,142
55	ENGINEERING AND EOD EQUIPMENT .....	7,700	7,700
56	MOBILITY EQUIPMENT .....	18,266	22,966
	Insulation system for Air Force shelters .....		[4,700]
57	FUELS SUPPORT EQUIPMENT (FSE) .....	9,601	9,601
58	BASE MAINTENANCE AND SUPPORT EQUIPMENT .....	42,078	42,078
	<b>SPECIAL SUPPORT PROJECTS</b>		
60	DARP RC135 .....	27,164	27,164
61	DCGS-AF .....	121,528	121,528
63	SPECIAL UPDATE PROGRAM .....	782,641	782,641
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	21,086,112	21,086,112
	<b>SPARES AND REPAIR PARTS</b>		
64	SPARES AND REPAIR PARTS (CYBER) .....	1,664	1,664
65	SPARES AND REPAIR PARTS .....	15,847	15,847
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....	<b>23,695,720</b>	<b>23,715,920</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, DCMA</b>		
2	MAJOR EQUIPMENT .....	1,398	1,398
	<b>MAJOR EQUIPMENT, DCSA</b>		
3	MAJOR EQUIPMENT .....	2,212	2,212
	<b>MAJOR EQUIPMENT, DHRA</b>		
5	PERSONNEL ADMINISTRATION .....	4,213	4,213
	<b>MAJOR EQUIPMENT, DISA</b>		

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
11	INFORMATION SYSTEMS SECURITY .....	17,211	17,211
12	TELEPORT PROGRAM .....	29,841	29,841
13	JOINT FORCES HEADQUARTERS—DODIN .....	3,091	3,091
14	ITEMS LESS THAN \$5 MILLION .....	41,569	41,569
16	DEFENSE INFORMATION SYSTEM NETWORK .....	26,978	26,978
17	WHITE HOUSE COMMUNICATION AGENCY .....	44,161	44,161
18	SENIOR LEADERSHIP ENTERPRISE .....	35,935	35,935
19	JOINT REGIONAL SECURITY STACKS (JRSS) .....	88,741	77,641
	JRSS SIPR funding .....		[-11,100]
20	JOINT SERVICE PROVIDER .....	157,538	157,538
21	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO) .....	42,084	42,084
	<b>MAJOR EQUIPMENT, DLA</b>		
23	MAJOR EQUIPMENT .....	417,459	417,459
	<b>MAJOR EQUIPMENT, DMACT</b>		
24	MAJOR EQUIPMENT .....	7,993	7,993
	<b>MAJOR EQUIPMENT, DODEA</b>		
25	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....	1,319	1,319
	<b>MAJOR EQUIPMENT, DPAA</b>		
26	MAJOR EQUIPMENT, DPAA .....	500	500
	<b>MAJOR EQUIPMENT, DEFENSE SECURITY COOPERATION AGENCY</b>		
27	REGIONAL CENTER PROCUREMENT .....	1,598	1,598
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		
28	VEHICLES .....	215	215
29	OTHER MAJOR EQUIPMENT .....	9,994	9,994
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>		
31	THAAD .....	495,396	601,796
	8th THAAD battery components .....		[76,300]
	HEMTT life-of-type buy .....		[30,100]
34	AEGIS BMD .....	356,195	356,195
35	AEGIS BMD AP .....	44,901	44,901
36	BMDs AN/TPY-2 RADARS .....	0	243,300
	8th THAAD battery radar equipment .....		[243,300]
37	SM-3 IAS .....	218,322	346,322
	Additional SM-3 Block IIA interceptors .....		[128,000]
38	ARROW 3 UPPER TIER SYSTEMS .....	77,000	77,000
39	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) .....	50,000	50,000
40	AEGIS ASHORE PHASE III .....	39,114	39,114
41	IRON DOME .....	73,000	73,000
42	AEGIS BMD HARDWARE AND SOFTWARE .....	104,241	104,241
	<b>MAJOR EQUIPMENT, NSA</b>		
48	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....	101	101
	<b>MAJOR EQUIPMENT, OSD</b>		
49	MAJOR EQUIPMENT, OSD .....	3,099	3,099
	<b>MAJOR EQUIPMENT, TJS</b>		
50	MAJOR EQUIPMENT, TJS .....	8,329	8,329
51	MAJOR EQUIPMENT—TJS CYBER .....	1,247	1,247
	<b>MAJOR EQUIPMENT, WHS</b>		
53	MAJOR EQUIPMENT, WHS .....	515	515
	<b>CLASSIFIED PROGRAMS</b>		
9999	CLASSIFIED PROGRAMS .....	554,264	554,264
	<b>AVIATION PROGRAMS</b>		
55	ARMED OVERWATCH/TARGETING .....	101,000	0
	Lack of validated requirement and analysis .....		[-101,000]
56	MANNED ISR .....	0	40,100
	SOCOM DHC-8 combat loss replacement .....		[40,100]
59	ROTARY WING UPGRADES AND SUSTAINMENT .....	211,041	211,041
60	UNMANNED ISR .....	25,488	25,488
61	NON-STANDARD AVIATION .....	61,874	61,874
62	U-28 .....	3,825	28,525
	SOCOM aircraft maintenance support combat loss replacement .....		[24,700]
63	MH-47 CHINOOK .....	135,482	135,482
64	CV-22 MODIFICATION .....	14,829	14,829
65	MQ-9 UNMANNED AERIAL VEHICLE .....	6,746	6,746
66	PRECISION STRIKE PACKAGE .....	243,111	243,111
67	AC/MC-130J .....	163,914	163,914
68	C-130 MODIFICATIONS .....	20,414	20,414
	<b>SHIPBUILDING</b>		
69	UNDERWATER SYSTEMS .....	20,556	20,556
	<b>AMMUNITION PROGRAMS</b>		
70	ORDNANCE ITEMS <\$5M .....	186,197	186,197
	<b>OTHER PROCUREMENT PROGRAMS</b>		
71	INTELLIGENCE SYSTEMS .....	94,982	108,382
	Transfer from MMP-Light to man-pack .....		[13,400]
72	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	11,645	11,645
73	OTHER ITEMS <\$5M .....	96,333	96,333
74	COMBATANT CRAFT SYSTEMS .....	17,278	17,278
75	SPECIAL PROGRAMS .....	78,865	78,865
76	TACTICAL VEHICLES .....	30,158	30,158

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	Senate Authorized
77	WARRIOR SYSTEMS <\$5M .....	260,733	248,533
	MMP-Light unexecutable, transfer to man-pack .....		[-12,200]
78	COMBAT MISSION REQUIREMENTS .....	19,848	19,848
79	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	2,401	2,401
80	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	13,861	13,861
81	OPERATIONAL ENHANCEMENTS .....	247,038	259,538
	SOCOM Syria exfiltration reconstitution .....		[12,500]
	<b>CBDP</b>		
82	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....	147,150	147,150
83	CB PROTECTION & HAZARD MITIGATION .....	149,944	149,944
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....	<b>5,324,487</b>	<b>5,768,587</b>
	<b>TOTAL PROCUREMENT</b> .....	<b>130,684,160</b>	<b>134,014,838</b>

**1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY**

**2 OPERATIONS.**

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	Senate Authorized
	<b>AIRCRAFT PROCUREMENT, ARMY</b>		
	<b>ROTARY</b>		
9	AH-64 APACHE BLOCK IIIB NEW BUILD .....	69,154	69,154
14	CH-47 HELICOPTER .....	50,472	50,472
	<b>MODIFICATION OF AIRCRAFT</b>		
17	MQ-1 PAYLOAD (MIP) .....	5,968	5,968
20	MULTI SENSOR ABN RECON (MIP) .....	122,520	122,520
25	EMARSS SEMA MODS (MIP) .....	26,460	26,460
30	DEGRADED VISUAL ENVIRONMENT .....	1,916	1,916
	<b>GROUND SUPPORT AVIONICS</b>		
37	CMWS .....	149,162	149,162
38	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	32,400	32,400
	<b>OTHER SUPPORT</b>		
41	AIRCREW INTEGRATED SYSTEMS .....	3,028	3,028
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>461,080</b>	<b>461,080</b>
	<b>MISSILE PROCUREMENT, ARMY</b>		
	<b>SURFACE-TO-AIR MISSILE SYSTEM</b>		
2	M-SHORAD—PROCUREMENT .....	158,300	158,300
3	MSE MISSILE .....	176,585	0
	Inappropriate for EDI, transfer to base .....		[-176,585]
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		
6	HELLFIRE SYS SUMMARY .....	236,265	236,265
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
11	GUIDED MLRS ROCKET (GMLRS) .....	127,015	127,015
15	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....	84,993	84,993
	<b>MODIFICATIONS</b>		
17	ATACMS MODS .....	78,434	78,434
22	MLRS MODS .....	20,000	20,000
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>881,592</b>	<b>705,007</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>		
16	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	4,765	4,765
18	MORTAR SYSTEMS .....	10,460	10,460
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>15,225</b>	<b>15,225</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
1	CTG, 5.56MM, ALL TYPES .....	567	567
2	CTG, 7.62MM, ALL TYPES .....	40	40
4	CTG, HANDGUN, ALL TYPES .....	17	17
5	CTG, .50 CAL, ALL TYPES .....	189	189
8	CTG, 30MM, ALL TYPES .....	24,900	24,900
	<b>ARTILLERY AMMUNITION</b>		
16	PROJ 155MM EXTENDED RANGE M982 .....	29,213	29,213
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	21,675	21,675
	<b>ROCKETS</b>		
20	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	176	176
21	ROCKET, HYDRA 70, ALL TYPES .....	33,880	33,880
	<b>MISCELLANEOUS</b>		
29	ITEMS LESS THAN \$5 MILLION (AMMO) .....	11	11



**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>110,668</b>	<b>110,668</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
13	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	6,500	6,500
14	PLS ESP .....	15,163	15,163
17	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	27,066	27,066
	<b>COMM—SATELLITE COMMUNICATIONS</b>		
30	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	2,700	2,700
32	ASSURED POSITIONING, NAVIGATION AND TIMING .....	12,566	12,566
33	SMART-T (SPACE) .....	289	289
34	GLOBAL BRDCST SVC—GBS .....	319	319
	<b>COMM—COMBAT COMMUNICATIONS</b>		
45	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	1,257	1,257
	<b>COMM—INTELLIGENCE COMM</b>		
48	CI AUTOMATION ARCHITECTURE (MIP) .....	1,230	1,230
	<b>INFORMATION SECURITY</b>		
52	COMMUNICATIONS SECURITY (COMSEC) .....	128	128
	<b>COMM—BASE COMMUNICATIONS</b>		
58	INFORMATION SYSTEMS .....	15,277	15,277
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	74,004	80,004
	EDI: NATO Response Force (NRF) networks .....		[6,000]
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
68	DCGS-A (MIP) .....	47,709	47,709
70	TROJAN (MIP) .....	1,766	1,766
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	61,450	61,450
73	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	12,337	12,337
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
80	FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP) .....	44,293	44,293
81	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	49,100	49,100
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
83	SENTINEL MODS .....	33,496	33,496
84	NIGHT VISION DEVICES .....	643	643
87	RADIATION MONITORING SYSTEMS .....	11	11
88	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	37,000	37,000
94	COMPUTER BALLISTICS: LHMCB XM32 .....	280	280
95	MORTAR FIRE CONTROL SYSTEM .....	13,672	13,672
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	15,143	15,143
	<b>ELECT EQUIP—AUTOMATION</b>		
109	ARMY TRAINING MODERNIZATION .....	4,688	4,688
110	AUTOMATED DATA PROCESSING EQUIP .....	16,552	16,552
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
121	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....	25,480	25,480
122	BASE DEFENSE SYSTEMS (BDS) .....	98,960	98,960
123	CBRN DEFENSE .....	18,887	18,887
	<b>BRIDGING EQUIPMENT</b>		
125	TACTICAL BRIDGING .....	50,400	50,400
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
137	RENDER SAFE SETS KITS OUTFITS .....	84,000	84,000
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
140	HEATERS AND ECU'S .....	370	370
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	3,721	3,721
145	FORCE PROVIDER .....	56,400	129,800
	EDI: Improvements to living quarters for rotational forces in Europe .....		[73,400]
146	FIELD FEEDING EQUIPMENT .....	2,279	2,279
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	2,040	2,040
	<b>PETROLEUM EQUIPMENT</b>		
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	4,374	4,374
	<b>MEDICAL EQUIPMENT</b>		
151	COMBAT SUPPORT MEDICAL .....	6,390	6,390
	<b>MAINTENANCE EQUIPMENT</b>		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	7,769	7,769
153	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	184	184
	<b>CONSTRUCTION EQUIPMENT</b>		
156	LOADERS .....	3,190	3,190
157	HYDRAULIC EXCAVATOR .....	7,600	7,600
158	TRACTOR, FULL TRACKED .....	7,450	7,450
160	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	3,703	3,703
162	CONST EQUIP ESP .....	657	657
	<b>GENERATORS</b>		
167	GENERATORS AND ASSOCIATED EQUIP .....	106	106
	<b>MATERIAL HANDLING EQUIPMENT</b>		
169	FAMILY OF FORKLIFTS .....	1,885	1,885
	<b>OTHER SUPPORT EQUIPMENT</b>		
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,500	8,500
181	PHYSICAL SECURITY SYSTEMS (OPA3) .....	3,248	3,248
185	BUILDING, PRE-FAB, RELOCATABLE .....	31,845	31,845

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>924,077</b>	<b>1,003,477</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>OTHER AIRCRAFT</b>		
24	STUASLO UAV .....	7,921	7,921
	<b>MODIFICATION OF AIRCRAFT</b>		
53	COMMON ECM EQUIPMENT .....	3,474	3,474
55	COMMON DEFENSIVE WEAPON SYSTEM .....	3,339	3,339
64	QRC .....	18,507	18,507
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>33,241</b>	<b>33,241</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>TACTICAL MISSILES</b>		
12	HELLFIRE .....	5,572	5,572
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>5,572</b>	<b>5,572</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
1	GENERAL PURPOSE BOMBS .....	8,068	8,068
2	JDAM .....	15,529	15,529
3	AIRBORNE ROCKETS, ALL TYPES .....	23,000	23,000
4	MACHINE GUN AMMUNITION .....	22,600	22,600
6	CARTRIDGES & CART ACTUATED DEVICES .....	3,927	3,927
7	AIR EXPENDABLE COUNTERMEASURES .....	15,978	15,978
8	JATOS .....	2,100	2,100
11	OTHER SHIP GUN AMMUNITION .....	2,611	2,611
12	SMALL ARMS & LANDING PARTY AMMO .....	1,624	1,624
13	PYROTECHNIC AND DEMOLITION .....	505	505
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>95,942</b>	<b>95,942</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>SMALL BOATS</b>		
28	STANDARD BOATS .....	19,104	19,104
	<b>OTHER SHIP SUPPORT</b>		
35	SMALL & MEDIUM UVV .....	2,946	2,946
	<b>ASW ELECTRONIC EQUIPMENT</b>		
43	FIXED SURVEILLANCE SYSTEM .....	213,000	213,000
	<b>SONOBUOYS</b>		
92	SONOBUOYS—ALL TYPES .....	26,196	26,196
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
95	AIRCRAFT SUPPORT EQUIPMENT .....	60,217	60,217
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	2,124	2,124
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
115	PASSENGER CARRYING VEHICLES .....	177	177
116	GENERAL PURPOSE TRUCKS .....	416	416
118	FIRE FIGHTING EQUIPMENT .....	801	801
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
125	FIRST DESTINATION TRANSPORTATION .....	520	520
	<b>TRAINING DEVICES</b>		
128	TRAINING AND EDUCATION EQUIPMENT .....	11,500	11,500
	<b>COMMAND SUPPORT EQUIPMENT</b>		
130	MEDICAL SUPPORT EQUIPMENT .....	3,525	3,525
136	PHYSICAL SECURITY EQUIPMENT .....	3,000	3,000
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>343,526</b>	<b>343,526</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>GUIDED MISSILES</b>		
12	GUIDED MLRS ROCKET (GMLRS) .....	17,456	17,456
	<b>OTHER SUPPORT (TEL)</b>		
15	MODIFICATION KITS .....	4,200	4,200
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
22	INTELLIGENCE SUPPORT EQUIPMENT .....	10,124	10,124
	<b>TACTICAL VEHICLES</b>		
38	MOTOR TRANSPORT MODIFICATIONS .....	16,183	16,183
	<b>TOTAL PROCUREMENT, MARINE CORPS</b> .....	<b>47,963</b>	<b>47,963</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>HELICOPTERS</b>		
13	COMBAT RESCUE HELICOPTER .....	174,000	174,000
	<b>OTHER AIRCRAFT</b>		
20	MQ-9 .....	142,490	142,490
21	RQ-20B PUMA .....	13,770	13,770
	<b>STRATEGIC AIRCRAFT</b>		
26	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	57,521	57,521
	<b>OTHER AIRCRAFT</b>		
46	U-2 MODS .....	9,600	9,600
55	COMPASS CALL .....	12,800	12,800

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<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
66	HC/MC-130 MODIFICATIONS .....	58,020	58,020
69	MQ-9 UAS PAYLOADS .....	46,100	46,100
70	CV-22 MODS .....	6,290	6,290
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
71	INITIAL SPARES/REPAIR PARTS .....	10,700	10,700
72	MQ-9 .....	12,250	12,250
	<b>COMMON SUPPORT EQUIPMENT</b>		
73	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	25,614	25,614
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>569,155</b>	<b>569,155</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL</b>		
4	JOINT AIR-SURFACE STANDOFF MISSILE .....	30,000	30,000
8	PREDATOR HELLFIRE MISSILE .....	143,420	143,420
9	SMALL DIAMETER BOMB .....	50,352	50,352
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....	<b>223,772</b>	<b>223,772</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
1	ROCKETS .....	19,489	19,489
	<b>CARTRIDGES</b>		
2	CARTRIDGES .....	40,434	40,434
	<b>BOMBS</b>		
4	GENERAL PURPOSE BOMBS .....	369,566	369,566
6	JOINT DIRECT ATTACK MUNITION .....	237,723	237,723
	<b>FLARES</b>		
15	FLARES .....	21,171	21,171
	<b>FUZES</b>		
16	FUZES .....	107,855	107,855
	<b>SMALL ARMS</b>		
17	SMALL ARMS .....	6,217	6,217
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....	<b>802,455</b>	<b>802,455</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
1	PASSENGER CARRYING VEHICLES .....	1,302	1,302
	<b>CARGO AND UTILITY VEHICLES</b>		
2	MEDIUM TACTICAL VEHICLE .....	3,400	3,400
4	CARGO AND UTILITY VEHICLES .....	12,475	12,475
	<b>SPECIAL PURPOSE VEHICLES</b>		
5	JOINT LIGHT TACTICAL VEHICLE .....	26,150	26,150
7	SPECIAL PURPOSE VEHICLES .....	51,254	51,254
	<b>FIRE FIGHTING EQUIPMENT</b>		
8	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	24,903	24,903
	<b>MATERIALS HANDLING EQUIPMENT</b>		
9	MATERIALS HANDLING VEHICLES .....	14,167	14,167
	<b>BASE MAINTENANCE SUPPORT</b>		
10	RUNWAY SNOW REMOV AND CLEANING EQU .....	5,759	5,759
11	BASE MAINTENANCE SUPPORT VEHICLES .....	20,653	20,653
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
26	GENERAL INFORMATION TECHNOLOGY .....	5,100	5,100
30	AIR FORCE PHYSICAL SECURITY SYSTEM .....	56,496	56,496
	<b>ORGANIZATION AND BASE</b>		
49	BASE COMM INFRASTRUCTURE .....	30,717	30,717
	<b>BASE SUPPORT EQUIPMENT</b>		
55	ENGINEERING AND EOD EQUIPMENT .....	13,172	13,172
56	MOBILITY EQUIPMENT .....	33,694	33,694
57	FUELS SUPPORT EQUIPMENT (FSE) .....	1,777	1,777
58	BASE MAINTENANCE AND SUPPORT EQUIPMENT .....	31,620	31,620
	<b>SPECIAL SUPPORT PROJECTS</b>		
61	DCGS-AF .....	18,700	18,700
	<b>SPARES AND REPAIR PARTS</b>		
65	SPARES AND REPAIR PARTS .....	4,000	4,000
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....	<b>355,339</b>	<b>355,339</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, DISA</b>		
16	DEFENSE INFORMATION SYSTEM NETWORK .....	6,120	6,120
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		
30	COUNTER IMPROVISED THREAT TECHNOLOGIES .....	2,540	2,540
	<b>CLASSIFIED PROGRAMS</b>		
	<b>CLASSIFIED PROGRAMS</b>		
	<b>AVIATION PROGRAMS</b>		
56	MANNED ISR .....	5,000	5,000
57	MC-12 .....	5,000	5,000
60	UNMANNED ISR .....	8,207	8,207
	<b>AMMUNITION PROGRAMS</b>		
70	ORDNANCE ITEMS <\$5M .....	105,355	105,355

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	Senate Authorized
<b>OTHER PROCUREMENT PROGRAMS</b>			
71	INTELLIGENCE SYSTEMS .....	16,234	16,234
73	OTHER ITEMS <\$5M .....	984	984
76	TACTICAL VEHICLES .....	2,990	2,990
77	WARRIOR SYSTEMS <\$5M .....	32,573	32,573
78	COMBAT MISSION REQUIREMENTS .....	10,000	10,000
80	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	6,724	6,724
81	OPERATIONAL ENHANCEMENTS .....	53,264	53,264
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>258,491</b>	<b>258,491</b>
	<b>TOTAL PROCUREMENT .....</b>	<b>5,128,098</b>	<b>5,030,913</b>

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 2 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 5 **TION.**

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

Line	Program Element	Item	FY 2021 Request	Senate Authorized
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>				
<b>BASIC RESEARCH</b>				
2	0601102A	DEFENSE RESEARCH SCIENCES .....	303,257	315,257
		AI human performance optimization .....		[2,000]
		Increase in basic research .....		[10,000]
3	0601103A	UNIVERSITY RESEARCH INITIATIVES .....	67,148	67,148
4	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS .....	87,877	87,877
5	0601121A	CYBER COLLABORATIVE RESEARCH ALLIANCE .....	5,077	5,077
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>463,359</b>	<b>475,359</b>
<b>APPLIED RESEARCH</b>				
7	0602115A	BIOMEDICAL TECHNOLOGY .....	11,835	15,835
		Pandemic vaccine response .....		[4,000]
11	0602134A	COUNTER IMPROVISED-THREAT ADVANCED STUDIES .....	2,000	2,000
12	0602141A	LETHALITY TECHNOLOGY .....	42,425	45,425
		Hybrid additive manufacturing .....		[3,000]
13	0602142A	ARMY APPLIED RESEARCH .....	30,757	33,757
		Pathfinder Air Assault .....		[3,000]
14	0602143A	SOLDIER LETHALITY TECHNOLOGY .....	125,435	135,935
		Harnessing Emerging Research Opportunities to Empower Sol- diers Program. Metal-based display technologies .....		[3,000]
		Pathfinder Airborne .....		[5,000]
15	0602144A	GROUND TECHNOLOGY .....	28,047	30,047
		Ground technology advanced manufacturing, materials and pro- cess initiative. Next Generation Combat Vehicle Technology .....		[2,000]
16	0602145A	Ground combat vehicle platform electrification .....	217,565	227,565
		Immersive virtual modeling and simulation techniques .....		[5,000]
		Next Generation Combat Vehicle modeling and simulation .....		[3,000]
17	0602146A	NETWORK C3I TECHNOLOGY .....	114,404	126,404
		Backpackable Communications Intelligence System .....		[5,000]
		Defense resiliency platform against extreme cold weather .....		[3,000]
		Multi-drone multi-sensor ISR capability .....		[2,000]
		Quantum computing base materials optimization .....		[2,000]
18	0602147A	LONG RANGE PRECISION FIRES TECHNOLOGY .....	60,553	67,553
		Composite artillery tube and propulsion prototyping .....		[7,000]
19	0602148A	FUTURE VERTICLE LIFT TECHNOLOGY .....	96,484	96,484
20	0602150A	AIR AND MISSILE DEFENSE TECHNOLOGY .....	56,298	66,298
		Counter unmanned aerial systems threat R&D .....		[5,000]
		Counter unmanned aircraft systems research .....		[5,000]
22	0602213A	C3I APPLIED CYBER .....	18,816	18,816
40	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....	20,766	20,766
42	0602787A	MEDICAL TECHNOLOGY .....	95,496	97,496

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

Line	Program Element	Item	FY 2021 Request	Senate Authorized
		Research for coronavirus vaccine .....		[2,000]
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>920,881</b>	<b>984,381</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
44	0603002A	MEDICAL ADVANCED TECHNOLOGY .....	38,896	38,896
49	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	11,659	11,659
52	0603115A	MEDICAL DEVELOPMENT .....	27,723	27,723
53	0603117A	ARMY ADVANCED TECHNOLOGY DEVELOPMENT .....	62,663	62,663
54	0603118A	SOLDIER LETHALITY ADVANCED TECHNOLOGY .....	109,608	111,608
		3D advanced manufacturing .....		[2,000]
55	0603119A	GROUND ADVANCED TECHNOLOGY .....	14,795	20,795
		Cybersecurity for industrial control systems and building automation.		[3,000]
		Graphene applications for military engineering .....		[3,000]
59	0603134A	COUNTER IMPROVISED-THREAT SIMULATION .....	25,000	25,000
63	0603457A	C3I CYBER ADVANCED DEVELOPMENT .....	23,357	23,357
64	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	188,024	193,024
		High performance computing modernization .....		[5,000]
65	0603462A	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY.	199,358	226,858
		Carbon fiber and graphitic composites .....		[10,000]
		Cyber and connected vehicle innovation research .....		[5,000]
		Small unit ground robotic capabilities .....		[7,500]
		Virtual experimentations enhancement .....		[5,000]
66	0603463A	NETWORK C3I ADVANCED TECHNOLOGY .....	158,608	158,608
67	0603464A	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	121,060	124,060
		Hyper velocity projectile—extended range technologies .....		[3,000]
68	0603465A	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY .....	156,194	156,194
69	0603466A	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY .....	58,130	73,630
		Electromagnetic effects research to support fires and AMD CFTs		[5,000]
		High-energy laser system characterization lab .....		[10,500]
77	0603920A	HUMANITARIAN DEMINING .....	8,515	8,515
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>1,203,590</b>	<b>1,262,590</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
78	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....	11,062	14,062
		Hypersonic hot air tunnel test environment .....		[3,000]
79	0603308A	ARMY SPACE SYSTEMS INTEGRATION .....	26,230	26,230
80	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	26,482	26,482
81	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV .....	64,092	64,092
83	0603639A	TANK AND MEDIUM CALIBER AMMUNITION .....	92,753	92,753
84	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV .....	151,478	151,478
85	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	5,841	5,841
86	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	194,775	194,775
87	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....	24,316	24,316
88	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....	13,387	13,387
89	0603790A	NATO RESEARCH AND DEVELOPMENT .....	4,762	4,762
90	0603801A	AVIATION—ADV DEV .....	647,937	652,937
		Future Long Range Assault Aircraft (FLRAA) .....		[5,000]
91	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....	4,761	4,761
92	0603807A	MEDICAL SYSTEMS—ADV DEV .....	28,520	28,520
93	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....	26,138	26,138
94	0604017A	ROBOTICS DEVELOPMENT .....	121,207	121,207
96	0604021A	ELECTRONIC WARFARE TECHNOLOGY MATURATION (MP)	22,840	22,840
97	0604035A	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY .....	22,678	22,678
98	0604100A	ANALYSIS OF ALTERNATIVES .....	10,082	10,082
99	0604101A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4) .....	1,378	1,378
100	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS).	40,083	40,083
101	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....	376,373	376,373
102	0604115A	TECHNOLOGY MATURATION INITIATIVES .....	156,834	146,834
		OpFires lack of transition pathway .....		[-10,000]
103	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	4,995	4,995
105	0604119A	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING.	170,490	170,490
106	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) ...	128,125	128,125
107	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	129,547	129,547
108	0604134A	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	13,831	13,831
109	0604182A	HYPERSONICS .....	801,417	796,417
		Lack of hypersonic prototyping coordination .....		[-5,000]
111	0604403A	FUTURE INTERCEPTOR .....	7,992	7,992
112	0604541A	UNIFIED NETWORK TRANSPORT .....	40,677	40,677

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

Line	Program Element	Item	FY 2021 Request	Senate Authorized
115	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT ..	50,525	50,525
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>3,421,608</b>	<b>3,414,608</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
118	0604201A	AIRCRAFT AVIONICS .....	2,764	2,764
119	0604270A	ELECTRONIC WARFARE DEVELOPMENT .....	62,426	62,426
121	0604601A	INFANTRY SUPPORT WEAPONS .....	91,574	91,574
122	0604604A	MEDIUM TACTICAL VEHICLES .....	8,523	8,523
123	0604611A	JAVELIN .....	7,493	7,493
124	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES .....	24,792	24,792
125	0604633A	AIR TRAFFIC CONTROL .....	3,511	3,511
126	0604642A	LIGHT TACTICAL WHEELED VEHICLES .....	1,976	1,976
127	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....	135,488	135,488
128	0604710A	NIGHT VISION SYSTEMS—ENG DEV .....	61,445	61,445
129	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....	2,814	2,814
130	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV .....	28,036	28,036
131	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	43,651	83,651
		Joint Counter-UAS Office acceleration .....		[17,500]
		Joint Counter-UAS Office SOCOM advanced capabilities .....		[7,500]
		Joint Counter-UAS Office SOCOM demonstrations .....		[15,000]
132	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....	10,150	10,150
133	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....	5,578	5,578
134	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV.	7,892	7,892
135	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) .....	24,975	24,975
136	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....	3,568	3,568
137	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....	19,268	19,268
138	0604802A	WEAPONS AND MUNITIONS—ENG DEV .....	265,811	266,611
		Increase NGSW soldier touchpoints .....		[800]
139	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....	49,694	49,694
140	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV.	11,079	11,079
141	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	49,870	49,870
142	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV .....	9,589	9,589
143	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	162,513	162,513
144	0604820A	RADAR DEVELOPMENT .....	109,259	109,259
145	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	21,201	21,201
146	0604823A	FIREFINDER .....	20,008	20,008
147	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL .....	6,534	6,534
148	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	82,459	129,459
		Bradley and Stryker APS .....		[47,000]
149	0604854A	ARTILLERY SYSTEMS—EMD .....	11,611	11,611
150	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT .....	142,678	147,678
		Integrated data software pilot program .....		[5,000]
151	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	115,286	115,286
152	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....	96,594	96,594
154	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC) .....	16,264	16,264
155	0605031A	JOINT TACTICAL NETWORK (JTN) .....	31,696	31,696
157	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,976	5,976
159	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	23,321	23,321
161	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	4,846	4,846
162	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT .....	28,544	16,544
		Army Cyber SU program .....		[-12,000]
163	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....	28,178	28,178
164	0605047A	CONTRACT WRITING SYSTEM .....	22,860	22,860
166	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	35,893	35,893
167	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	235,770	187,970
		Army-identified funding early to need .....		[-47,800]
168	0605053A	GROUND ROBOTICS .....	13,710	13,710
169	0605054A	EMERGING TECHNOLOGY INITIATIVES .....	294,739	294,739
170	0605145A	MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT.	954	954
171	0605203A	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION .....	150,201	150,201
172	0605205A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5) .....	5,999	5,999
174	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	8,891	8,891
175	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (ALAMD) ...	193,929	193,929
176	0605625A	MANNED GROUND VEHICLE .....	327,732	247,732
		OMFV program reset .....		[-80,000]
177	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP) .....	7,670	7,670
178	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	1,742	1,742
179	0605830A	AVIATION GROUND SUPPORT EQUIPMENT .....	1,467	1,467

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

Line	Program Element	Item	FY 2021 Request	Senate Authorized
180	0303032A	TROJAN—RH12 .....	3,451	3,451
183	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	55,855	55,855
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>3,199,798</b>	<b>3,152,798</b>
		<b>MANAGEMENT SUPPORT</b>		
185	0604256A	THREAT SIMULATOR DEVELOPMENT .....	14,515	14,515
186	0604258A	TARGET SYSTEMS DEVELOPMENT .....	10,668	10,668
187	0604759A	MAJOR T&E INVESTMENT .....	106,270	106,270
188	0605103A	RAND ARROYO CENTER .....	13,481	13,481
189	0605301A	ARMY KWAJALEIN ATOLL .....	231,824	231,824
190	0605326A	CONCEPTS EXPERIMENTATION PROGRAM .....	54,898	54,898
192	0605601A	ARMY TEST RANGES AND FACILITIES .....	350,359	363,359
		Program increase—Army directed energy T&E .....		[15,000]
193	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS .....	48,475	48,475
194	0605604A	SURVIVABILITY/LETHALITY ANALYSIS .....	36,001	36,001
195	0605606A	AIRCRAFT CERTIFICATION .....	2,736	2,736
196	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....	6,488	6,488
197	0605706A	MATERIEL SYSTEMS ANALYSIS .....	21,859	21,859
198	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	7,936	7,936
199	0605712A	SUPPORT OF OPERATIONAL TESTING .....	54,470	54,470
200	0605716A	ARMY EVALUATION CENTER .....	63,141	63,141
201	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....	2,572	2,572
202	0605801A	PROGRAMWIDE ACTIVITIES .....	87,472	87,472
203	0605803A	TECHNICAL INFORMATION ACTIVITIES .....	26,244	26,244
204	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	40,133	40,133
205	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT .....	1,780	1,780
206	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA .....	55,045	55,045
208	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE .....	71,306	71,306
209	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION .....	1,063	1,063
210	0606105A	MEDICAL PROGRAM-WIDE ACTIVITIES .....	19,891	19,891
211	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES.	4,496	4,496
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>1,333,123</b>	<b>1,348,123</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
214	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM .....	10,157	10,157
216	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT .....	8,682	8,682
217	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	20,409	20,409
219	0607134A	LONG RANGE PRECISION FIRES (LRPF) .....	122,733	115,233
		Excess funds due to second vendor dropped .....		[-7,500]
221	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....	11,236	11,236
222	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM .....	46,091	46,091
224	0607139A	IMPROVED TURBINE ENGINE PROGRAM .....	249,257	249,257
225	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	17,155	17,155
226	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....	7,743	7,743
227	0607145A	APACHE FUTURE DEVELOPMENT .....	77,177	77,177
228	0607150A	INTEL CYBER DEVELOPMENT .....	14,652	14,652
229	0607312A	ARMY OPERATIONAL SYSTEMS DEVELOPMENT .....	35,851	35,851
230	0607665A	FAMILY OF BIOMETRICS .....	1,324	1,324
231	0607865A	PATRIOT PRODUCT IMPROVEMENT .....	187,840	187,840
232	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs).	44,691	44,691
233	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS .....	268,919	268,919
234	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....	427,254	427,254
235	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	11,688	11,688
236	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	80	80
237	0203758A	DIGITIZATION .....	4,516	4,516
238	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	1,288	1,288
239	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	79,424	79,424
243	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	259	259
244	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....	166	166
245	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....	75,575	93,075
		Qualification of second SRM source .....		[17,500]
246	0208053A	JOINT TACTICAL GROUND SYSTEM .....	9,510	9,510
249	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM .....	29,270	29,270
250	0303141A	GLOBAL COMBAT SUPPORT SYSTEM .....	86,908	86,908
251	0303142A	SATCOM GROUND ENVIRONMENT (SPACE) .....	18,684	18,684
256	0305179A	INTEGRATED BROADCAST SERVICE (IBS) .....	467	467
257	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	4,051	4,051
258	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	13,283	13,283
259	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	47,204	47,204
264	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....	61,012	78,512

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
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Line	Program Element	Item	FY 2021 Request	Senate Authorized
		Functional fabrics manufacturing .....		[7,500]
		Nanoscale materials manufacturing .....		[5,000]
		Tungsten manufacturing for armanents .....		[5,000]
999	9999999999	CLASSIFIED PROGRAMS .....	3,983	3,983
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>1,998,539</b>	<b>2,026,039</b>
		<b>SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>		
267	0608041A	DEFENSIVE CYBER—SOFTWARE PROTOTYPE DEVELOPMENT.	46,445	46,445
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>46,445</b>	<b>46,445</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>12,587,343</b>	<b>12,710,343</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>		
		<b>BASIC RESEARCH</b>		
1	0601103N	UNIVERSITY RESEARCH INITIATIVES .....	116,816	118,816
		Defense University Research and Instrumentation Program .....		[2,000]
2	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	19,113	19,113
3	0601153N	DEFENSE RESEARCH SCIENCES .....	467,158	480,158
		Increase in basic research .....		[10,000]
		Predictive modeling for undersea vehicles .....		[3,000]
		<b>SUBTOTAL BASIC RESEARCH</b>	<b>603,087</b>	<b>618,087</b>
		<b>APPLIED RESEARCH</b>		
4	0602114N	POWER PROJECTION APPLIED RESEARCH .....	17,792	17,792
5	0602123N	FORCE PROTECTION APPLIED RESEARCH .....	122,281	140,281
		Direct air capture and blue carbon removal technology program ...		[8,000]
		Electric propulsion for military craft and advanced planning hulls		[2,000]
		Expeditionary unmanned systems launch and recovery .....		[5,000]
		Testbed for autonomous ship systems .....		[3,000]
6	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY .....	50,623	53,623
		Interdisciplinary cybersecurity research .....		[3,000]
7	0602235N	COMMON PICTURE APPLIED RESEARCH .....	48,001	48,001
8	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....	67,765	74,765
		Humanoid robotics research .....		[4,000]
		Social networks and computational social science .....		[3,000]
9	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....	84,994	84,994
10	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	63,392	63,392
11	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....	6,343	6,343
12	0602747N	UNDERSEA WARFARE APPLIED RESEARCH .....	56,397	63,897
		Navy and academia submarine partnerships .....		[7,500]
13	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....	167,590	167,590
14	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	30,715	30,715
15	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH.	160,537	167,837
		Thermoplastic materials .....		[7,300]
16	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	76,745	76,745
		<b>SUBTOTAL APPLIED RESEARCH</b>	<b>953,175</b>	<b>995,975</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
17	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY .....	24,410	24,410
18	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY ....	8,008	8,008
19	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) ....	219,045	222,045
		Mission planning advanced technology demonstration .....		[3,000]
20	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.	13,301	13,301
21	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	246,054	246,054
22	0603680N	MANUFACTURING TECHNOLOGY PROGRAM .....	60,122	60,122
23	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY .....	4,851	4,851
24	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.	40,709	40,709
25	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	1,948	1,948
26	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	141,948	141,948
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>760,396</b>	<b>763,396</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
27	0603178N	MEDIUM AND LARGE UNMANNED SURFACE VEHICLES (USVS).	464,042	0
		Excess procurement ahead of satisfactory testing .....		[-464,042]



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Line	Program Element	Item	FY 2021 Request	Senate Authorized
28	0603207N	AIR/OCEAN TACTICAL APPLICATIONS .....	35,386	35,386
29	0603216N	AVIATION SURVIVABILITY .....	13,428	13,428
30	0603239N	ISO NAVAL CONSTRUCTION FORCES .....	2,350	2,350
31	0603251N	AIRCRAFT SYSTEMS .....	418	418
32	0603254N	ASW SYSTEMS DEVELOPMENT .....	15,719	15,719
33	0603261N	TACTICAL AIRBORNE RECONNAISSANCE .....	3,411	3,411
34	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY .....	70,218	56,118
		Project 3416: HJENKS insufficient schedule justification .....		[-7,000]
		Project 3422: SHARC excess platforms ahead of satisfactory testing.		[-7,100]
35	0603502N	SURFACE AND SHALLOW WATER MINE COUNTER-MEASURES.	52,358	24,158
		Project 2989: Barracuda program delay .....		[-28,200]
36	0603506N	SURFACE SHIP TORPEDO DEFENSE .....	12,816	12,816
37	0603512N	CARRIER SYSTEMS DEVELOPMENT .....	7,559	7,559
38	0603525N	PILOT FISH .....	358,757	358,757
39	0603527N	RETRACT LARCH .....	12,562	12,562
40	0603536N	RETRACT JUNIPER .....	148,000	148,000
41	0603542N	RADIOLOGICAL CONTROL .....	778	778
42	0603553N	SURFACE ASW .....	1,161	1,161
43	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....	185,356	195,356
		Out-of-autoclave submarine technology development .....		[20,000]
		Project 9710: EDMs early to need .....		[-10,000]
44	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS .....	10,528	10,528
45	0603563N	SHIP CONCEPT ADVANCED DESIGN .....	126,396	63,296
		Project 2196: Future surface combatant early to need .....		[-19,100]
		Project 3161: Program increase for CBM+ initiative .....		[16,000]
		Project 4044: Medium amphibious ship early to need .....		[-30,000]
		Project 4045: Medium logistics ship early to need .....		[-30,000]
46	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....	70,270	28,970
		Project 0411: LSC preliminary design and CDD early to need .....		[-41,300]
47	0603570N	ADVANCED NUCLEAR POWER SYSTEMS .....	149,188	149,188
48	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS .....	38,449	238,449
		Accelerate ITF to achieve full test capability in FY23 .....		[75,000]
		Accelerate qualification of silicon carbide power modules .....		[10,000]
		USV autonomy development .....		[45,000]
		USV engine and generator qualification testing .....		[70,000]
49	0603576N	CHALK EAGLE .....	71,181	71,181
50	0603581N	LITTORAL COMBAT SHIP (LCS) .....	32,178	27,178
		Project 3096: Available prior year funds .....		[-5,000]
51	0603582N	COMBAT SYSTEM INTEGRATION .....	17,843	17,843
52	0603595N	OHIO REPLACEMENT .....	317,196	317,196
53	0603596N	LCS MISSION MODULES .....	67,875	32,875
		Project 2550: LCS MCM MP outdated IMS and TEMP .....		[-20,000]
		Project 2551: LCS ASW MP available prior year funds due to testing delays.		[-15,000]
54	0603597N	AUTOMATED TEST AND ANALYSIS .....	4,797	4,797
55	0603599N	FRIGATE DEVELOPMENT .....	82,309	82,309
56	0603609N	CONVENTIONAL MUNITIONS .....	9,922	2,122
		Project 0363: Insufficient justification .....		[-7,800]
57	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....	189,603	189,603
58	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	43,084	43,084
59	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....	6,346	6,346
60	0603721N	ENVIRONMENTAL PROTECTION .....	20,601	20,601
61	0603724N	NAVY ENERGY PROGRAM .....	23,422	23,422
62	0603725N	FACILITIES IMPROVEMENT .....	4,664	4,664
63	0603734N	CHALK CORAL .....	545,763	545,763
64	0603739N	NAVY LOGISTIC PRODUCTIVITY .....	3,884	3,884
65	0603746N	RETRACT MAPLE .....	353,226	353,226
66	0603748N	LINK PLUMERIA .....	544,388	544,388
67	0603751N	RETRACT ELM .....	86,730	86,730
68	0603764M	LINK EVERGREEN .....	236,234	236,234
70	0603790N	NATO RESEARCH AND DEVELOPMENT .....	6,880	6,880
71	0603795N	LAND ATTACK TECHNOLOGY .....	10,578	10,578
72	0603851M	JOINT NON-LETHAL WEAPONS TESTING .....	28,435	28,435
73	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL.	33,612	33,612
74	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....	128,845	113,845
		Project 3402: Excess engineering and sustainment support .....		[-15,000]
75	0604014N	F/A -18 INFRARED SEARCH AND TRACK (IRST) .....	84,190	84,190
76	0604027N	DIGITAL WARFARE OFFICE .....	54,699	54,699
77	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES .....	53,942	53,942
78	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES .....	40,060	40,060
79	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION..	12,100	12,100
80	0604031N	LARGE UNMANNED UNDERSEA VEHICLES .....	78,122	42,122
		Project 2094: Excess procurement ahead of phase I testing .....		[-36,000]
81	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	107,895	107,895

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Line	Program Element	Item	FY 2021 Request	Senate Authorized
82	0604126N	LITTORAL AIRBORNE MCM .....	17,366	17,366
83	0604127N	SURFACE MINE COUNTERMEASURES .....	18,754	18,754
84	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTER- MEASURES (TADIRCM).	59,776	59,776
86	0604292N	FUTURE VERTICAL LIFT (MARITIME STRIKE) .....	5,097	5,097
87	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....	3,664	3,664
88	0604454N	LX (R) .....	10,203	10,203
89	0604536N	ADVANCED UNDERSEA PROTOTYPING .....	115,858	95,858
		Orea UUV testing delay and uncertified test strategy .....		[-10,000]
		Snaekhead UUV uncertified test strategy .....		[-10,000]
90	0604636N	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS) .....	14,259	14,259
91	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM ....	1,102,387	1,045,387
		Lack of hypersonic prototyping coordination .....		[-5,000]
		Project 3334: Excess Virginia-class CPS modification and installa- tion costs.		[-52,000]
92	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ ENGINEERING SUPPORT.	7,657	7,657
93	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOP- MENT.	35,750	35,750
94	0303354N	ASW SYSTEMS DEVELOPMENT—MIP .....	9,151	9,151
95	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	22,589	22,589
97	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP .....	809	809
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>6,503,074</b>	<b>5,926,532</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
98	0603208N	TRAINING SYSTEM AIRCRAFT .....	4,332	4,332
99	0604212N	OTHER HELO DEVELOPMENT .....	18,133	23,133
		Program increase for Attack and Utility Replacement Aircraft ....		[5,000]
100	0604214M	AV-8B AIRCRAFT—ENG DEV .....	20,054	20,054
101	0604215N	STANDARDS DEVELOPMENT .....	4,237	4,237
102	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT ....	27,340	27,340
104	0604221N	P-3 MODERNIZATION PROGRAM .....	606	606
105	0604230N	WARFARE SUPPORT SYSTEM .....	9,065	9,065
106	0604231N	TACTICAL COMMAND SYSTEM .....	97,968	97,968
107	0604234N	ADVANCED HAWKEYE .....	309,373	309,373
108	0604245M	H-1 UPGRADES .....	62,310	62,310
109	0604261N	ACOUSTIC SEARCH SENSORS .....	47,182	47,182
110	0604262N	V-22A .....	132,624	132,624
111	0604264N	AIR CREW SYSTEMS DEVELOPMENT .....	21,445	21,445
112	0604269N	EA-18 .....	106,134	106,134
113	0604270N	ELECTRONIC WARFARE DEVELOPMENT .....	134,194	134,194
114	0604273M	EXECUTIVE HELO DEVELOPMENT .....	99,321	99,321
115	0604274N	NEXT GENERATION JAMMER (NGJ) .....	477,680	477,680
116	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....	232,818	232,818
117	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	170,039	170,039
118	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING ....	403,712	403,712
119	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION .....	945	945
120	0604329N	SMALL DIAMETER BOMB (SDB) .....	62,488	62,488
121	0604366N	STANDARD MISSILE IMPROVEMENTS .....	386,225	386,225
122	0604373N	AIRBORNE MCM .....	10,909	10,909
123	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYS- TEMS ENGINEERING.	44,548	44,548
124	0604419N	ADVANCED SENSORS APPLICATION PROGRAM (ASAP) .....	13,673	13,673
125	0604501N	ADVANCED ABOVE WATER SENSORS .....	87,809	87,809
126	0604503N	SSN-688 AND TRIDENT MODERNIZATION .....	93,097	93,097
127	0604504N	AIR CONTROL .....	38,863	38,863
128	0604512N	SHIPBOARD AVIATION SYSTEMS .....	9,593	9,593
129	0604518N	COMBAT INFORMATION CENTER CONVERSION .....	12,718	12,718
130	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....	78,319	78,319
131	0604530N	ADVANCED ARRESTING GEAR (AAG) .....	63,834	63,834
132	0604558N	NEW DESIGN SSN .....	259,443	259,443
133	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM .....	63,878	58,878
		AN/BYG-1 APB17 and APB19 testing delays .....		[-5,000]
134	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....	51,853	66,753
		Advanced degaussing DDG-51 retrofit and demonstration .....		[14,900]
135	0604574N	NAVY TACTICAL COMPUTER RESOURCES .....	3,853	3,853
136	0604601N	MINE DEVELOPMENT .....	92,607	92,607
137	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT .....	146,012	116,012
		Project 1412: HAAWC operational testing delays .....		[-10,000]
		Project 3418: Mk 54 Mod 2 contract delays .....		[-20,000]
138	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT ....	8,383	8,383
139	0604657M	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS— ENG DEV.	33,784	33,784
140	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FAC- TORS.	8,599	8,599
141	0604727N	JOINT STANDOFF WEAPON SYSTEMS .....	73,744	73,744
142	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	157,490	157,490

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
143	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....	121,761	121,761
144	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....	89,373	89,373
145	0604761N	INTELLIGENCE ENGINEERING .....	15,716	15,716
146	0604771N	MEDICAL DEVELOPMENT .....	2,120	2,120
147	0604777N	NAVIGATION/ID SYSTEM .....	50,180	50,180
148	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD .....	561	561
149	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD .....	250	250
150	0604850N	SSN(X) .....	1,000	1,000
151	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT .....	974	974
152	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT .....	356,173	356,173
153	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT .....	7,810	7,810
154	0605212M	CH-53K RDTE .....	406,406	406,406
155	0605215N	MISSION PLANNING .....	86,134	86,134
156	0605217N	COMMON AVIONICS .....	54,540	54,540
157	0605220N	SHIP TO SHORE CONNECTOR (SSC) .....	5,155	5,155
158	0605327N	T-AO 205 CLASS .....	5,148	5,148
159	0605414N	UNMANNED CARRIER AVIATION (UCA) .....	266,970	266,970
160	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	12,713	12,713
161	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA) .....	24,424	24,424
162	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III .....	182,870	182,870
163	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	41,775	41,775
164	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	2,541	2,541
165	0204202N	DDG-1000 .....	208,448	208,448
169	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS .....	111,434	111,434
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	26,173	26,173
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>6,263,883</b>	<b>6,248,783</b>
		<b>MANAGEMENT SUPPORT</b>		
171	0604256N	THREAT SIMULATOR DEVELOPMENT .....	22,075	22,075
172	0604258N	TARGET SYSTEMS DEVELOPMENT .....	10,224	10,224
173	0604759N	MAJOR T&E INVESTMENT .....	85,195	85,195
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY .....	3,089	3,089
176	0605154N	CENTER FOR NAVAL ANALYSES .....	43,517	43,517
179	0605804N	TECHNICAL INFORMATION SERVICES .....	932	932
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....	94,297	94,297
181	0605856N	STRATEGIC TECHNICAL SUPPORT .....	3,813	3,813
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT .....	104,822	104,822
184	0605864N	TEST AND EVALUATION SUPPORT .....	446,960	446,960
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY .....	27,241	27,241
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....	15,787	15,787
187	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....	8,559	8,559
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT .....	42,749	42,749
189	0605898N	MANAGEMENT HQ—R&D .....	41,094	41,094
190	0606355N	WARFARE INNOVATION MANAGEMENT .....	37,022	37,022
193	0305327N	INSIDER THREAT .....	2,310	2,310
194	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	1,536	1,536
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>991,222</b>	<b>991,222</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
199	0604227N	HARPOON MODIFICATIONS .....	697	697
200	0604840M	F-35 C2D2 .....	379,549	379,549
201	0604840N	F-35 C2D2 .....	413,875	413,875
202	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....	143,667	143,667
204	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....	173,056	173,056
205	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM .....	45,970	45,970
206	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....	69,190	61,190
		CRAW EDM (TI-2) early to need .....		[-8,000]
207	0101402N	NAVY STRATEGIC COMMUNICATIONS .....	42,277	42,277
208	0204136N	F/A-18 SQUADRONS .....	171,030	171,030
210	0204228N	SURFACE SUPPORT .....	33,482	33,482
211	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	200,308	200,308
212	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	102,975	152,975
		Accelerate sensor and signal processing development .....		[25,000]
		Program increase for spiral 1 TRAPS units .....		[25,000]
213	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS .....	10,873	10,873
214	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	1,713	6,713
		Program increase for LCAC composite component manufacturing .....		[5,000]
215	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	22,205	105,805
		Program increase for G/ATOR and SM-6 stand-alone engagement analysis.		[10,000]
		Program increase for USMC G/ATOR and SM-6 demonstration ..		[73,600]
216	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....	83,956	83,956

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
218	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT .....	56,791	56,791
219	0205601N	HARM IMPROVEMENT .....	146,166	146,166
221	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION .....	29,348	29,348
222	0205632N	MK-48 ADCAP .....	110,349	110,349
223	0205633N	AVIATION IMPROVEMENTS .....	133,953	133,953
224	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS .....	110,313	110,313
225	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	207,662	207,662
226	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S).	4,406	4,406
227	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.	61,381	61,381
228	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT .....	10,421	10,421
229	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).	29,977	29,977
230	0206629M	AMPHIBIOUS ASSAULT VEHICLE .....	6,469	6,469
231	0207161N	TACTICAL AIM MISSILES .....	5,859	5,859
232	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	44,323	44,323
236	0303109N	SATELLITE COMMUNICATIONS (SPACE) .....	41,978	41,978
237	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	29,684	29,684
238	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM .....	39,094	39,094
239	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....	6,154	6,154
240	0305204N	TACTICAL UNMANNED AERIAL VEHICLES .....	7,108	7,108
241	0305205N	UAS INTEGRATION AND INTEROPERABILITY .....	62,098	62,098
242	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	21,500	21,500
244	0305220N	MQ-4C TRITON .....	11,120	11,120
245	0305231N	MQ-8 UAV .....	28,968	28,968
246	0305232M	RQ-11 UAV .....	537	537
247	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASL0) .....	8,773	8,773
248	0305239M	RQ-21A .....	10,853	10,853
249	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....	60,413	60,413
250	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....	5,000	5,000
251	0305251N	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .. Cyber tool development .....	34,967	44,967 [10,000]
252	0305421N	RQ-4 MODERNIZATION .....	178,799	178,799
253	0307577N	INTELLIGENCE MISSION DATA (MD) .....	2,120	2,120
254	0308601N	MODELING AND SIMULATION SUPPORT .....	8,683	8,683
255	0702207N	DEPOT MAINTENANCE (NON-IF) .....	45,168	45,168
256	0708730N	MARITIME TECHNOLOGY (MARITECH) .....	6,697	6,697
257	1203109N	SATELLITE COMMUNICATIONS (SPACE) .....	70,056	70,056
999	999999999	CLASSIFIED PROGRAMS .....	1,795,032	1,795,032
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>5,327,043</b>	<b>5,467,643</b>
		<b>SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>		
258	0608013N	RISK MANAGEMENT INFORMATION—SOFTWARE PILOT PROGRAM.	14,300	14,300
259	0608231N	MARITIME TACTICAL COMMAND AND CONTROL (MTC2)—SOFTWARE PILOT PROGRAM.	10,868	10,868
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>25,168</b>	<b>25,168</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>21,427,048</b>	<b>21,036,806</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF BASIC RESEARCH</b>		
1	0601102F	DEFENSE RESEARCH SCIENCES .....	315,348	325,348
		Increase in basic research .....		[10,000]
2	0601103F	UNIVERSITY RESEARCH INITIATIVES .....	161,861	161,861
3	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES .....	15,085	15,085
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>492,294</b>	<b>502,294</b>
		<b>APPLIED RESEARCH</b>		
4	0602020F	FUTURE AF CAPABILITIES APPLIED RESEARCH .....	100,000	100,000
5	0602102F	MATERIALS .....	140,781	160,281
		High-energy synchrotron x-ray program .....		[5,000]
		Materials maturation for high mach systems .....		[5,000]
		Metals Affordability Initiative .....		[5,000]
		Qualification of additive manufacturing processes .....		[2,000]
		Techniques to repair fasteners .....		[2,500]
6	0602201F	AEROSPACE VEHICLE TECHNOLOGIES .....	349,225	359,225
		Hypersonic materials .....		[10,000]
7	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH .....	115,222	115,222
9	0602204F	AEROSPACE SENSORS .....	211,301	211,301
11	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS ACTIVITIES.	8,926	8,926
12	0602602F	CONVENTIONAL MUNITIONS .....	132,425	132,425

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13	0602605F	DIRECTED ENERGY TECHNOLOGY .....	128,113	128,113
14	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS .....	178,668	178,668
15	0602890F	HIGH ENERGY LASER RESEARCH .....	45,088	45,088
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>1,409,749</b>	<b>1,439,249</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
17	0603030F	AF FOUNDATIONAL DEVELOPMENT/DEMOS .....	103,280	103,280
18	0603032F	FUTURE AF INTEGRATED TECHNOLOGY DEMOS .....	157,619	107,619
		Golden Horde too mature for science and technology prototype ....		[-50,000]
19	0603033F	NEXT GEN PLATFORM DEV/DEMO .....	199,556	208,556
		B-52 pylon fairings .....		[3,000]
		C-130 finlets .....		[3,000]
		KC-135 aft body drag .....		[3,000]
20	0603034F	PERSISTENT KNOWLEDGE, AWARENESS, & C2 TECH .....	102,276	102,276
21	0603035F	NEXT GEN EFFECTS DEV/DEMOS .....	215,817	215,817
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>778,548</b>	<b>737,548</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
38	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT .....	4,320	4,320
39	0603742F	COMBAT IDENTIFICATION TECHNOLOGY .....	26,396	26,396
40	0603790F	NATO RESEARCH AND DEVELOPMENT .....	3,647	3,647
41	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....	32,959	32,959
43	0604002F	AIR FORCE WEATHER SERVICES RESEARCH .....	869	869
44	0604003F	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS) .....	302,323	302,323
45	0604004F	ADVANCED ENGINE DEVELOPMENT .....	636,495	686,495
		AETP program acceleration .....		[50,000]
46	0604015F	LONG RANGE STRIKE—BOMBER .....	2,848,410	2,848,410
47	0604032F	DIRECTED ENERGY PROTOTYPING .....	20,964	25,964
		Directed energy counter-Unmanned Aerial Systems (CUAS) .....		[5,000]
48	0604033F	HYPERSONICS PROTOTYPING .....	381,862	446,862
		HAWC program increase .....		[65,000]
50	0604257F	ADVANCED TECHNOLOGY AND SENSORS .....	24,747	24,747
51	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....	76,417	76,417
52	0604317F	TECHNOLOGY TRANSFER .....	3,011	3,011
53	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	52,921	52,921
54	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....	69,783	69,783
55	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	25,835	25,835
56	0604858F	TECH TRANSITION PROGRAM .....	219,252	455,252
		Agile software development and operations .....		[4,500]
		Initial polar MILSATCOM capability .....		[46,000]
		KC-135 vertical wipers .....		[2,000]
		KC-135 winglets .....		[10,000]
		LCAAT program acceleration .....		[128,000]
		Long-endurance UAS .....		[33,500]
		Rapid repair of high performance materials .....		[6,000]
		Small satellite acceleration .....		[6,000]
57	0605230F	GROUND BASED STRATEGIC DETERRENT .....	1,524,759	1,524,759
59	0207110F	NEXT GENERATION AIR DOMINANCE .....	1,044,089	1,044,089
60	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....	19,356	19,356
61	0207522F	AIRBASE AIR DEFENSE SYSTEMS (ABADS) .....	8,737	8,737
62	0208099F	UNIFIED PLATFORM (UP) .....	5,990	5,990
63	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....	39,293	39,293
65	0305601F	MISSION PARTNER ENVIRONMENTS .....	11,430	11,430
66	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	259,823	259,823
67	0306415F	ENABLED CYBER ACTIVITIES .....	10,560	10,560
68	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....	9,908	9,908
69	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....	8,662	8,662
74	1206427F	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT) .....	8,787	8,787
77	1206730F	SPACE SECURITY AND DEFENSE PROGRAM .....	56,311	56,311
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>7,737,916</b>	<b>8,093,916</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
82	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....	25,161	25,161
83	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS .....	38,564	38,564
84	0604222F	NUCLEAR WEAPONS SUPPORT .....	35,033	35,033
85	0604270F	ELECTRONIC WARFARE DEVELOPMENT .....	2,098	2,098
86	0604281F	TACTICAL DATA NETWORKS ENTERPRISE .....	131,909	131,909
87	0604287F	PHYSICAL SECURITY EQUIPMENT .....	6,752	6,752
88	0604329F	SMALL DIAMETER BOMB (SDB)—EMD .....	17,280	17,280
89	0604429F	AIRBORNE ELECTRONIC ATTACK .....	0	30,000
		STITCHES integration .....		[30,000]
90	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT .....	23,076	23,076
91	0604604F	SUBMUNITIONS .....	3,091	3,091
92	0604617F	AGILE COMBAT SUPPORT .....	20,609	20,609

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93	0604618F	JOINT DIRECT ATTACK MUNITION .....	7,926	7,926
94	0604706F	LIFE SUPPORT SYSTEMS .....	23,660	23,660
95	0604735F	COMBAT TRAINING RANGES .....	8,898	8,898
96	0604800F	F-35—EMD .....	5,423	5,423
97	0604932F	LONG RANGE STANDOFF WEAPON .....	474,430	474,430
98	0604933F	ICBM FUZE MODERNIZATION .....	167,099	167,099
100	0605056F	OPEN ARCHITECTURE MANAGEMENT .....	30,547	30,547
102	0605223F	ADVANCED PILOT TRAINING .....	248,669	254,669
		SLATE/VR training .....		[6,000]
103	0605229F	COMBAT RESCUE HELICOPTER .....	63,169	63,169
105	0101125F	NUCLEAR WEAPONS MODERNIZATION .....	9,683	9,683
106	0207171F	F-15 EPAWSS .....	170,679	170,679
107	0207328F	STAND IN ATTACK WEAPON .....	160,438	160,438
108	0207701F	FULL COMBAT MISSION TRAINING .....	9,422	9,422
110	0305176F	COMBAT SURVIVOR EVADER LOCATOR .....	973	973
111	0401221F	KC-46A TANKER SQUADRONS .....	106,262	106,262
113	0401319F	VC-25B .....	800,889	800,889
114	0701212F	AUTOMATED TEST SYSTEMS .....	10,673	10,673
115	0804772F	TRAINING DEVELOPMENTS .....	4,479	4,479
116	0901299F	AF AI SYSTEMS .....	8,467	8,467
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>2,615,359</b>	<b>2,651,359</b>
		<b>MANAGEMENT SUPPORT</b>		
131	0604256F	THREAT SIMULATOR DEVELOPMENT .....	57,725	57,725
132	0604759F	MAJOR T&E INVESTMENT .....	208,680	223,680
		Gulf Range telemetry modernization .....		[15,000]
133	0605101F	RAND PROJECT AIR FORCE .....	35,803	35,803
135	0605712F	INITIAL OPERATIONAL TEST & EVALUATION .....	13,557	13,557
136	0605807F	TEST AND EVALUATION SUPPORT .....	764,606	764,606
142	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION .....	1,362,038	1,362,038
143	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....	40,768	40,768
144	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS .....	179,646	179,646
145	0605898F	MANAGEMENT HQ—R&D .....	5,734	5,734
146	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	70,985	70,985
147	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT.	29,880	29,880
148	0606017F	REQUIREMENTS ANALYSIS AND MATURATION .....	63,381	63,381
149	0606398F	MANAGEMENT HQ—T&E .....	5,785	5,785
150	0303255F	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4)—STRATCOM.	24,564	24,564
151	0308602F	ENTEPRISE INFORMATION SERVICES (EIS) .....	9,883	2,383
		Acq strat incompatible with AF digital mod strategy .....		[-7,500]
152	0702806F	ACQUISITION AND MANAGEMENT SUPPORT .....	13,384	13,384
153	0804731F	GENERAL SKILL TRAINING .....	1,262	1,262
155	1001004F	INTERNATIONAL ACTIVITIES .....	3,599	3,599
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>2,891,280</b>	<b>2,898,780</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
163	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....	8,777	8,777
164	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	499	499
165	0604840F	F-35 C2D2 .....	785,336	785,336
166	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) ..	27,035	7,035
		Poor agile development strategy .....		[-20,000]
167	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....	50,508	50,508
168	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....	71,229	71,229
169	0605278F	HC/MC-130 RECAP RDT&E .....	24,705	24,705
170	0606018F	NC3 INTEGRATION .....	26,356	26,356
172	0101113F	B-52 SQUADRONS .....	520,023	520,023
173	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM) .....	1,433	1,433
174	0101126F	B-1B SQUADRONS .....	15,766	26,566
		USAF-requested transfer from APAF Lines 22, 24 .....		[10,800]
175	0101127F	B-2 SQUADRONS .....	187,399	187,399
176	0101213F	MINUTEMAN SQUADRONS .....	116,569	116,569
177	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....	27,235	27,235
178	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK.	24,227	24,227
179	0101328F	ICBM REENTRY VEHICLES .....	112,753	112,753
181	0102110F	UH-1N REPLACEMENT PROGRAM .....	44,464	44,464
182	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	5,929	5,929
183	0102412F	NORTH WARNING SYSTEM (NWS) .....	100	100
184	0205219F	MQ-9 UAV .....	162,080	162,080
186	0207131F	A-10 SQUADRONS .....	24,535	24,535
187	0207133F	F-16 SQUADRONS .....	223,437	223,437
188	0207134F	F-15E SQUADRONS .....	298,908	298,908
189	0207136F	MANNED DESTRUCTIVE SUPPRESSION .....	14,960	14,960

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190	0207138F	F-22A SQUADRONS .....	665,038	665,038
191	0207142F	F-35 SQUADRONS .....	132,229	132,229
192	0207146F	F-15EX .....	159,761	159,761
193	0207161F	TACTICAL AIM MISSILES .....	19,417	19,417
194	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	51,799	51,799
195	0207227F	COMBAT RESCUE—PARARESCUE .....	669	669
196	0207247F	AF TENCAP .....	21,644	21,644
197	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT .....	9,261	9,261
198	0207253F	COMPASS CALL .....	15,854	15,854
199	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	95,896	95,896
200	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	70,792	70,792
201	0207410F	AIR & SPACE OPERATIONS CENTER (AOC) .....	51,187	51,187
202	0207412F	CONTROL AND REPORTING CENTER (CRC) .....	16,041	16,041
203	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....	138,303	138,303
204	0207418F	AFSPECWAR—TACP .....	4,223	4,223
206	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....	16,564	16,564
207	0207438F	THEATER BATTLE MANAGEMENT (TBM) C4I .....	7,858	7,858
208	0207444F	TACTICAL AIR CONTROL PARTY-MOD .....	12,906	12,906
210	0207452F	DCAPES .....	14,816	14,816
211	0207521F	AIR FORCE CALIBRATION PROGRAMS .....	1,970	1,970
212	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS .....	396	396
213	0207590F	SEEK EAGLE .....	29,680	29,680
214	0207601F	USAF MODELING AND SIMULATION .....	17,666	17,666
215	0207605F	WARGAMING AND SIMULATION CENTERS .....	6,353	6,353
216	0207610F	BATTLEFIELD ABN COMM NODE (BACN) .....	6,827	6,827
217	0207697F	DISTRIBUTED TRAINING AND EXERCISES .....	3,390	3,390
218	0208006F	MISSION PLANNING SYSTEMS .....	91,768	91,768
219	0208007F	TACTICAL DECEPTION .....	2,370	2,370
220	0208064F	OPERATIONAL HQ—CYBER .....	5,527	5,527
221	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS .....	68,279	68,279
222	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS .....	15,165	15,165
223	0208097F	JOINT CYBER COMMAND AND CONTROL (JCC2) .....	38,480	38,480
224	0208099F	UNIFIED PLATFORM (UP) .....	84,645	84,645
230	0301025F	GEOBASE .....	2,767	2,767
231	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....	32,759	32,759
238	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.	2,904	2,904
239	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) ..	3,468	3,468
240	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	61,887	61,887
242	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM .....	10,351	10,351
243	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....	1,346	1,346
246	0304260F	AIRBORNE SIGINT ENTERPRISE .....	128,110	128,110
247	0304310F	COMMERCIAL ECONOMIC ANALYSIS .....	4,042	4,042
251	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....	1,649	1,649
252	0305022F	ISR MODERNIZATION & AUTOMATION DVMT (IMAD) .....	19,265	19,265
253	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....	4,645	4,645
254	0305103F	CYBER SECURITY INITIATIVE .....	384	384
255	0305111F	WEATHER SERVICE .....	23,640	23,640
256	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL).	6,553	6,553
257	0305116F	AERIAL TARGETS .....	449	449
260	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES .....	432	432
262	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....	4,890	4,890
264	0305179F	INTEGRATED BROADCAST SERVICE (IBS) .....	8,864	8,864
265	0305202F	DRAGON U-2 .....	18,660	18,660
267	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS .....	121,512	121,512
268	0305207F	MANNED RECONNAISSANCE SYSTEMS .....	14,711	14,711
269	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	14,152	14,152
270	0305220F	RQ-4 UAV .....	134,589	134,589
271	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING .....	15,049	15,049
272	0305238F	NATO AGS .....	36,731	36,731
273	0305240F	SUPPORT TO DCGS ENTERPRISE .....	33,547	33,547
274	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.	13,635	17,315
		PDI: Mission Partner Environment BICES-X Project 675898 .....		[3,680]
275	0305881F	RAPID CYBER ACQUISITION .....	4,262	4,262
276	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....	2,207	2,207
277	0307577F	INTELLIGENCE MISSION DATA (IMD) .....	6,277	6,277
278	0401115F	C-130 AIRLIFT SQUADRON .....	41,973	41,973
279	0401119F	C-5 AIRLIFT SQUADRONS (IF) .....	32,560	32,560
280	0401130F	C-17 AIRCRAFT (IF) .....	9,991	12,991
		C-17 microvanes .....		[3,000]
281	0401132F	C-130J PROGRAM .....	10,674	10,674
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) .....	5,507	5,507
283	0401218F	KC-135S .....	4,591	4,591
286	0401318F	CV-22 .....	18,419	18,419
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	7,673	7,673

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290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....	24,513	24,513
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....	35,225	15,225
		Poor agile development strategy .....		[-20,000]
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT .....	11,838	11,838
293	0804743F	OTHER FLIGHT TRAINING .....	1,332	1,332
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY .....	2,092	2,092
296	0901218F	CIVILIAN COMPENSATION PROGRAM .....	3,869	3,869
297	0901220F	PERSONNEL ADMINISTRATION .....	1,584	1,584
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY .....	1,197	1,197
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.	7,006	7,006
300	0901554F	DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS) ....	45,638	45,638
301	1201017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	1,889	1,889
302	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....	993	993
303	1202140F	SERVICE SUPPORT TO SPACECOM ACTIVITIES .....	8,999	8,999
314	1203400F	SPACE SUPERIORITY INTELLIGENCE .....	16,810	16,810
316	1203620F	NATIONAL SPACE DEFENSE CENTER .....	2,687	2,687
318	1203906F	NCMC—TW/AA SYSTEM .....	6,990	6,990
999	9999999999	CLASSIFIED PROGRAMS .....	15,777,856	15,839,856
		Air-to-air weapons development increase .....		[62,000]
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>21,466,680</b>	<b>21,506,160</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>	<b>37,391,826</b>	<b>37,829,306</b>
		<b>RDTE, SPACE FORCE APPLIED RESEARCH</b>		
1	1206601SF	SPACE TECHNOLOGY .....	130,874	133,874
		Small satellite mission operations facility .....		[3,000]
		<b>SUBTOTAL APPLIED RESEARCH</b>	<b>130,874</b>	<b>133,874</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
2	1203164SF	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	390,704	370,704
		MGUE program slip .....		[-20,000]
3	1203710SF	EO/IR WEATHER SYSTEMS .....	131,000	131,000
4	1206422SF	WEATHER SYSTEM FOLLOW-ON .....	83,384	83,384
5	1206425SF	SPACE SITUATION AWARENESS SYSTEMS .....	33,359	33,359
6	1206427SF	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT) .....	142,808	142,808
7	1206438SF	SPACE CONTROL TECHNOLOGY .....	35,575	35,575
8	1206760SF	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....	114,390	114,390
9	1206761SF	PROTECTED TACTICAL SERVICE (PTS) .....	205,178	205,178
10	1206855SF	EVOLVED STRATEGIC SATCOM (ESS) .....	71,395	71,395
11	1206857SF	SPACE RAPID CAPABILITIES OFFICE .....	103,518	103,518
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>1,311,311</b>	<b>1,291,311</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
12	1203269SF	GPS III FOLLOW-ON (GPS IIIF) .....	263,496	263,496
13	1203940SF	SPACE SITUATION AWARENESS OPERATIONS .....	41,897	41,897
14	1206421SF	COUNTERSPACE SYSTEMS .....	54,689	54,689
15	1206422SFZ	WEATHER SYSTEM FOLLOW-ON .....	2,526	2,526
16	1206425SFZ	SPACE SITUATION AWARENESS SYSTEMS .....	173,074	173,074
17	1206431SF	ADVANCED EHF MILSATCOM (SPACE) .....	138,257	138,257
18	1206432SF	POLAR MILSATCOM (SPACE) .....	190,235	190,235
19	1206442SF	NEXT GENERATION OPIR .....	2,318,864	2,318,864
20	1206853SF	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE)—EMD.	560,978	590,978
		NSSL Phase 3 integration activities program .....		[30,000]
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>	<b>3,744,016</b>	<b>3,774,016</b>
		<b>MANAGEMENT SUPPORT</b>		
21	1206116SF	SPACE TEST AND TRAINING RANGE DEVELOPMENT .....	20,281	20,281
22	1206392SF	ACQ WORKFORCE—SPACE & MISSILE SYSTEMS .....	183,930	183,930
23	1206398SF	SPACE & MISSILE SYSTEMS CENTER—MHA .....	9,765	9,765
24	1206860SF	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....	17,993	17,993
25	1206864SF	SPACE TEST PROGRAM (STP) .....	26,541	26,541
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>258,510</b>	<b>258,510</b>
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>		
26	1201017SF	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	3,708	3,708
27	1203001SF	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....	247,229	247,229
28	1203110SF	SATELLITE CONTROL NETWORK (SPACE) .....	75,480	75,480
29	1203165SF	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).	1,984	1,984
30	1203173SF	SPACE AND MISSILE TEST AND EVALUATION CENTER .....	4,397	4,397
31	1203174SF	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	44,746	44,746



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32	1203182SF	SPACELIFT RANGE SYSTEM (SPACE) .....	11,020	11,020
33	1203265SF	GPS III SPACE SEGMENT .....	10,777	10,777
34	1203873SF	BALLISTIC MISSILE DEFENSE RADARS .....	28,179	46,679
		Cobra Dane service life extension .....		[18,500]
35	1203913SF	NUDET DETECTION SYSTEM (SPACE) .....	29,157	29,157
36	1203940SFZ	SPACE SITUATION AWARENESS OPERATIONS .....	44,809	51,809
		Commercial SSA .....		[7,000]
37	1206423SF	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	481,999	416,999
		Funds available prioritized to other space missions .....		[-65,000]
41	1206770SF	ENTERPRISE GROUND SERVICES .....	116,791	116,791
999	9999999999	CLASSIFIED PROGRAMS .....	3,632,866	3,632,866
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...</b>	<b>4,733,142</b>	<b>4,693,642</b>
		<b>SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>		
42	1203614SF	JSPOC MISSION SYSTEM .....	149,742	149,742
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>149,742</b>	<b>149,742</b>
		<b>TOTAL RDTE, SPACE FORCE .....</b>	<b>10,327,595</b>	<b>10,301,095</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>		
		<b>BASIC RESEARCH</b>		
1	0601000BR	DTRA BASIC RESEARCH .....	14,617	14,617
2	0601101E	DEFENSE RESEARCH SCIENCES .....	479,958	479,958
3	0601110DSZ	BASIC RESEARCH INITIATIVES .....	35,565	72,565
		DEPSCoR .....		[20,000]
		Minerva Research initiative restore DWR cut .....		[17,000]
4	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....	53,730	58,730
		Traumatic brain injury medical research .....		[5,000]
5	0601120DSZ	NATIONAL DEFENSE EDUCATION PROGRAM .....	100,241	100,241
6	0601228DSZ	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	30,975	37,975
		Aerospace education, research, and innovation activities .....		[2,000]
		HBCU/Minority Institutions .....		[5,000]
7	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	45,300	45,300
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>760,386</b>	<b>809,386</b>
		<b>APPLIED RESEARCH</b>		
8	0602000DSZ	JOINT MUNITIONS TECHNOLOGY .....	19,409	19,409
9	0602115E	BIOMEDICAL TECHNOLOGY .....	107,568	107,568
11	0602230DSZ	DEFENSE TECHNOLOGY INNOVATION .....	35,000	35,000
12	0602234DSZ	LINCOLN LABORATORY RESEARCH PROGRAM .....	41,080	41,080
13	0602251DSZ	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	60,722	60,722
14	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY .....	435,920	435,920
15	0602383E	BIOLOGICAL WARFARE DEFENSE .....	26,950	26,950
16	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	201,807	201,807
17	0602668DSZ	CYBER SECURITY RESEARCH .....	15,255	15,255
18	0602702E	TACTICAL TECHNOLOGY .....	233,271	233,271
19	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY .....	250,107	290,107
		Increase in emerging biotech research .....		[40,000]
20	0602716E	ELECTRONICS TECHNOLOGY .....	322,693	322,693
21	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	174,571	174,571
22	0602751DSZ	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	9,573	9,573
23	1160401BB	SOF TECHNOLOGY DEVELOPMENT .....	42,464	42,464
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>1,976,390</b>	<b>2,016,390</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
24	0603000DSZ	JOINT MUNITIONS ADVANCED TECHNOLOGY .....	22,920	22,920
25	0603121DSZ	SO/LIC ADVANCED DEVELOPMENT .....	4,914	4,914
26	0603122DSZ	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	51,089	51,089
27	0603133DSZ	FOREIGN COMPARATIVE TESTING .....	25,183	25,183
29	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	366,659	366,659
30	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT ...	14,910	14,910
32	0603180C	ADVANCED RESEARCH .....	18,687	18,687
33	0603225DSZ	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,873	18,873
34	0603286E	ADVANCED AEROSPACE SYSTEMS .....	230,978	210,978
		OpFires lack of transition pathway .....		[-20,000]
35	0603287E	SPACE PROGRAMS AND TECHNOLOGY .....	158,439	158,439
36	0603288DSZ	ANALYTIC ASSESSMENTS .....	23,775	23,775
37	0603289DSZ	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....	36,524	36,524
38	0603291DSZ	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA ...	14,703	14,703
39	0603294C	COMMON KILL VEHICLE TECHNOLOGY .....	11,058	11,058

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
40	0603338D8Z	DEFENSE MODERNIZATION AND PROTOTYPING .....	133,375	126,375
		Lack of hypersonic prototype coordination efforts .....		[-20,000]
		Stratospheric balloon research .....		[13,000]
42	0603342D8Z	DEFENSE INNOVATION UNIT (DIU) .....	26,141	26,141
43	0603375D8Z	TECHNOLOGY INNOVATION .....	27,709	27,709
44	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	188,001	188,001
45	0603527D8Z	RETRACT LARCH .....	130,283	130,283
46	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY .....	15,164	15,164
47	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....	85,452	85,452
48	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES .....	5,882	5,882
49	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	93,817	98,817
		Rapid prototyping using digital manufacturing .....		[5,000]
50	0603680S	MANUFACTURING TECHNOLOGY PROGRAM .....	40,025	55,025
		Defense supply chain technologies .....		[5,000]
		Steel performance initiative .....		[10,000]
52	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	10,235	10,235
53	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	53,862	53,862
54	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	124,049	124,049
55	0603727D8Z	JOINT WARFIGHTING PROGRAM .....	3,871	3,871
56	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES .....	95,864	95,864
57	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....	221,724	221,724
58	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY .....	661,158	651,158
		Lack of coordination .....		[-10,000]
59	0603767E	SENSOR TECHNOLOGY .....	200,220	200,220
60	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	6,765	6,765
61	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE .....	12,598	12,598
64	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	105,410	105,410
65	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY .....	187,065	187,065
67	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....	0	65,000
		Restoration of funds .....		[65,000]
70	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT .....	89,072	89,072
71	1206310SDA	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	72,422	72,422
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>3,588,876</b>	<b>3,636,876</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
72	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,636	32,636
73	0603600D8Z	WALKOFF .....	106,529	106,529
75	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	61,345	76,345
		Joint Storage Program .....		[15,000]
76	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.	412,627	412,627
77	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.	1,004,305	1,004,305
78	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEVAL.	76,167	76,167
79	0603884C	BALLISTIC MISSILE DEFENSE SENSORS .....	281,957	281,957
80	0603890C	BMD ENABLING PROGRAMS .....	599,380	599,380
81	0603891C	SPECIAL PROGRAMS—MDA .....	420,216	420,216
82	0603892C	AEGIS BMD .....	814,936	814,936
83	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATIONS.	593,353	593,353
84	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.	49,560	49,560
85	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	55,356	55,356
86	0603906C	REGARDING TRENCH .....	11,863	11,863
87	0603907C	SEA BASED X-BAND RADAR (SBX) .....	118,318	118,318
88	0603913C	ISRAELI COOPERATIVE PROGRAMS .....	300,000	300,000
89	0603914C	BALLISTIC MISSILE DEFENSE TEST .....	378,302	378,302
90	0603915C	BALLISTIC MISSILE DEFENSE TARGETS .....	536,133	536,133
92	0603923D8Z	COALITION WARFARE .....	10,129	10,129
93	0604011D8Z	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).	449,000	449,000
94	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM .....	3,325	3,325
95	0604115C	TECHNOLOGY MATURATION INITIATIVES .....	67,389	67,389
98	0604181C	HYPERSONIC DEFENSE .....	206,832	206,832
99	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES .....	730,508	630,508
		Program decrease .....		[-100,000]
100	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	489,076	489,076

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101	0604331D8Z	RAPID PROTOTYPING PROGRAM .....	102,023	82,023
		Lack of hypersonic prototype coordination efforts .....		[-20,000]
102	0604341D8Z	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING .....	13,255	13,255
103	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	2,787	2,787
105	0604672C	HOMELAND DEFENSE RADAR—HAWAII (HDR-H) .....	0	162,000
		Continue radar development .....		[162,000]
107	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).	3,469	3,469
109	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	19,190	19,190
110	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) .....	137,256	137,256
111	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS .....	664,138	354,138
		Contract award delay .....		[-310,000]
112	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	7,768	7,768
113	0604878C	AEGIS BMD TEST .....	170,880	170,880
114	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST .....	76,456	76,456
115	0604880C	LAND-BASED SM-3 (LBSM3) .....	56,628	133,428
		PDI: Guam Defense System—systems engineering .....		[76,800]
116	0604887C	BALLISTIC MISSILE DEFENSE MDCOURSE SEGMENT TEST	67,071	67,071
118	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS .....	2,198	2,198
119	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	997	997
120	0305103C	CYBER SECURITY INITIATIVE .....	1,148	1,148
121	1206410SDA	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING ...	215,994	325,994
		Execution of HBTSS by MDA .....		[-20,000]
		Space-based target custody layer .....		[130,000]
122	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM .....	34,144	34,144
123	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS ...	32,068	152,068
		Hypersonic and Ballistic Tracking Space Sensor (HBTSS) .....		[120,000]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>9,416,712</b>	<b>9,470,512</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
124	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	7,173	7,173
126	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD ....	319,976	322,976
		Stryker NBCRV sensor suite upgrade .....		[3,000]
127	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	54,985	54,985
128	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	15,650	15,650
129	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT .....	1,441	1,441
130	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE .....	7,287	7,287
131	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM .....	12,928	12,928
132	0605027D8Z	OUSD(C) IT DEVELOPMENT INITIATIVES .....	10,259	10,259
133	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	1,377	1,377
134	0605075D8Z	CMO POLICY AND INTEGRATION .....	1,648	1,648
135	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM	20,537	20,537
136	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	1,638	1,638
137	0605141BR	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS).	5,500	5,500
138	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.	8,279	8,279
139	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	107,585	107,585
140	0605772D8Z	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS .....	3,685	3,685
143	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EETM).	3,275	3,275
144	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	20,585	20,585
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>603,808</b>	<b>606,808</b>
		<b>MANAGEMENT SUPPORT</b>		
145	0603829J	JOINT CAPABILITY EXPERIMENTATION .....	11,239	11,239
146	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS) .....	9,793	9,793
147	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....	8,497	8,497
148	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	422,451	452,451
		Joint Counter-UAS Office assessment infrastructure .....		[15,000]
		Telemetry range extension wave glider relay .....		[15,000]
149	0604942D8Z	ASSESSMENTS AND EVALUATIONS .....	18,379	18,379
150	0605001E	MISSION SUPPORT .....	74,334	74,334
151	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	79,046	79,046
153	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	50,255	50,255
155	0605142D8Z	SYSTEMS ENGINEERING .....	49,376	49,376

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

Line	Program Element	Item	FY 2021 Request	Senate Authorized
156	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD ..... National Academies of Science study on comparison of talent programs.	5,777	7,777 [2,000]
157	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY .....	16,552	16,552
158	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....	9,582	9,582
159	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) .....	1,940	1,940
160	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	122,951	122,951
167	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER .....	3,582	3,582
168	0605797D8Z	MAINTAINING TECHNOLOGY ADVANTAGE .....	29,566	29,566
169	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS .....	29,059	29,059
170	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC) ..... Insufficient progress on data sharing and open repositories .....	59,369	9,369 [-50,000]
171	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION .....	29,420	29,420
172	0605804D8Z	DEVELOPMENT TEST AND EVALUATION .....	27,198	27,198
173	0605898E	MANAGEMENT HQ—R&D .....	13,434	13,434
174	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	2,837	2,837
175	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS .....	13,173	13,173
176	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....	3,200	3,200
177	0606589D8W	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT .....	999	999
180	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....	3,099	3,099
181	0204571J	JOINT STAFF ANALYTICAL SUPPORT .....	3,058	3,058
182	0208045K	C4 INTEROPERABILITY .....	59,813	59,813
185	0303140SE	INFORMATION SYSTEMS SECURITY PROGRAM .....	1,112	1,112
186	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES .....	545	545
187	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) .....	1,036	1,036
188	0305172K	COMBINED ADVANCED APPLICATIONS .....	30,824	30,824
190	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	3,048	3,048
194	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA .....	31,125	31,125
195	0808709SE	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI) .....	100	100
196	0901598C	MANAGEMENT HQ—MDA .....	26,902	26,902
197	0903235K	JOINT SERVICE PROVIDER (JSP) .....	3,138	3,138
999	9999999999	CLASSIFIED PROGRAMS .....	41,583	41,583
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>1,297,392</b>	<b>1,279,392</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
199	0604130V	ENTERPRISE SECURITY SYSTEM (ESS) .....	14,378	14,378
200	0604532K	JOINT ARTIFICIAL INTELLIGENCE .....	132,058	132,058
201	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA .....	1,986	1,986
202	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHAIS) .....	316	316
203	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....	9,151	70,151 [20,000]
		Advanced machine tool research .....		[20,000]
		Cold spray manufacturing technologies .....		[5,000]
		Domestic organic LED manufacturing .....		[5,000]
		Implementation of radar supplier resiliency plan .....		[5,000]
		Manufacturing for reuse of NdFeB magnets .....		[6,000]
		Submarine industrial base workforce training pipeline .....		[20,000]
204	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT ..	19,082	19,082
205	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS) .....	3,992	3,992
206	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT) .....	39,530	39,530
207	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) .....	3,039	3,039
212	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION .....	16,324	16,324
213	0303126K	LONG-HAUL COMMUNICATIONS—DCS .....	11,884	11,884
214	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) .....	5,560	5,560
215	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI) .....	73,356	73,356
216	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM .....	46,577	66,577 [20,000]
		Workforce transformation cyber initiative pilot program .....		[20,000]
217	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .....	356,713	356,713
218	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM .....	8,922	18,922 [10,000]
		Execution of orchestration pilot .....		[10,000]
219	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	3,695	3,695
220	0303153K	DEFENSE SPECTRUM ORGANIZATION .....	20,113	20,113
223	0303228K	JOINT REGIONAL SECURITY STACKS (JRSS) .....	9,728	9,242 [-486]
		JRSS SIPR funding .....		[-486]
231	0305128V	SECURITY AND INVESTIGATIVE ACTIVITIES .....	5,700	5,700

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

Line	Program Element	Item	FY 2021 Request	Senate Authorized
235	0305186D8Z	POLICY R&D PROGRAMS .....	7,144	7,144
236	0305199D8Z	NET CENTRICITY .....	21,793	21,793
238	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	6,066	6,066
245	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....	2,190	2,190
252	0708012K	LOGISTICS SUPPORT ACTIVITIES .....	1,654	1,654
253	0708012S	PACIFIC DISASTER CENTERS .....	1,785	1,785
254	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....	7,301	7,301
256	1105219BB	MQ-9 UAV .....	21,265	21,265
258	1160403BB	AVIATION SYSTEMS .....	230,812	230,812
259	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT .....	19,558	19,558
260	1160408BB	OPERATIONAL ENHANCEMENTS .....	136,041	136,041
261	1160431BB	WARRIOR SYSTEMS .....	59,511	58,311
		MMP-Light unexecutable, transfer to man-pack .....		[-1,200]
262	1160432BB	SPECIAL PROGRAMS .....	10,500	10,500
263	1160434BB	UNMANNED ISR .....	19,154	19,154
264	1160480BB	SOF TACTICAL VEHICLES .....	9,263	9,263
265	1160483BB	MARITIME SYSTEMS .....	59,882	59,882
266	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	4,606	4,606
267	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	11,612	11,612
268	1203610K	TELEPORT PROGRAM .....	3,239	3,239
999	9999999999	CLASSIFIED PROGRAMS .....	4,746,466	4,746,466
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>6,161,946</b>	<b>6,251,260</b>
		<b>SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS</b>		
269	0608197V	NATIONAL BACKGROUND INVESTIGATION SERVICES— SOFTWARE PILOT PROGRAM .....	121,676	121,676
270	0608648D8Z	ACQUISITION VISIBILITY—SOFTWARE PILOT PROGRAM .....	16,848	16,848
271	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	86,750	86,750
272	0308588D8Z	ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS— SOFTWARE PILOT PROGRAM .....	250,107	250,107
		<b>SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.</b>	<b>475,381</b>	<b>475,381</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>24,280,891</b>	<b>24,546,005</b>
		<b>OPERATIONAL TEST &amp; EVAL, DEFENSE MANAGEMENT SUPPORT</b>		
1	06051180TE	OPERATIONAL TEST AND EVALUATION .....	100,021	100,021
2	06051310TE	LIVE FIRE TEST AND EVALUATION .....	70,933	70,933
3	06058140TE	OPERATIONAL TEST ACTIVITIES AND ANALYSES .....	39,136	66,136
		Advanced satellite navigation receiver .....		[5,000]
		Joint Test and Evaluation DWR funding restoration .....		[22,000]
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>210,090</b>	<b>237,090</b>
		<b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE</b>	<b>210,090</b>	<b>237,090</b>
		<b>TOTAL RDT&amp;E</b>	<b>106,224,793</b>	<b>106,660,645</b>

1 SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-  
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SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2021 Request	Senate Authorized
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY APPLIED RESEARCH</b>		
16	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY .....	2,000	2,000
		<b>SUBTOTAL APPLIED RESEARCH</b>	<b>2,000</b>	<b>2,000</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
80	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	500	500
114	0604785A	INTEGRATED BASE DEFENSE (BUDGET ACTIVITY 4) .....	2,020	2,020
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>2,520</b>	<b>2,520</b>

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)**

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
131	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	27,000	27,000
159	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	2,300	2,300
166	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	64,625	64,625
183	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	3,900	3,900
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>97,825</b>	<b>97,825</b>
<b>MANAGEMENT SUPPORT</b>				
198	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	1,000	1,000
209	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION .....	4,137	4,137
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>5,137</b>	<b>5,137</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
239	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	2,300	2,300
248	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	23,367	23,367
257	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	34,100	34,100
258	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	15,575	15,575
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>75,342</b>	<b>75,342</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>182,824</b>	<b>182,824</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>				
39	0603527N	RETRACT LARCH .....	36,500	36,500
58	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT ...	14,461	14,461
63	0603734N	CHALK CORAL .....	3,000	3,000
71	0603795N	LAND ATTACK TECHNOLOGY .....	1,457	1,457
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>55,418</b>	<b>55,418</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
142	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	1,144	1,144
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>1,144</b>	<b>1,144</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
229	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).	3,000	3,000
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>3,000</b>	<b>3,000</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>59,562</b>	<b>59,562</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>				
65	0305601F	MISSION PARTNER ENVIRONMENTS .....		6,500
		EDI: Mission Partner Environment (MPE) .....		[6,500]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>		<b>6,500</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
185	0205671F	JOINT COUNTER ROICED ELECTRONIC WARFARE .....	4,080	4,080
228	0208288F	INTEL DATA APPLICATIONS .....	1,224	1,224
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>5,304</b>	<b>5,304</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>5,304</b>	<b>11,804</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW APPLIED RESEARCH</b>				
10	0602134BR	COUNTER IMPROVISED-THREAT ADVANCED STUDIES .....	3,699	3,699
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>3,699</b>	<b>3,699</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
26	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	19,288	19,288
28	0603134BR	COUNTER IMPROVISED-THREAT SIMULATION .....	3,861	3,861
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>23,149</b>	<b>23,149</b>

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)**

Line	Program Element	Item	FY 2021 Request	Senate Authorized
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>				
97	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	19,931	19,931
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>19,931</b>	<b>19,931</b>
	999999999	CLASSIFIED PROGRAMS .....	24,057	24,057
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
260	1160408BB	OPERATIONAL ENHANCEMENTS .....	1,186	1,186
261	1160431BB	WARRIOR SYSTEMS .....	5,796	5,796
263	1160434BB	UNMANNED ISR .....	5,000	5,000
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>36,039</b>	<b>36,039</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>82,818</b>	<b>82,818</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>330,508</b>	<b>337,008</b>

1 **TITLE XLIII—OPERATION AND**  
 2 **MAINTENANCE**  
 3 **SEC. 4301. OPERATION AND MAINTENANCE.**

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

Line	Item	FY 2021 Request	Senate Authorized
<b>OPERATION &amp; MAINTENANCE, ARMY OPERATING FORCES</b>			
020	MODULAR SUPPORT BRIGADES .....	159,834	159,834
030	ECHELONS ABOVE BRIGADE .....	663,751	663,751
040	THEATER LEVEL ASSETS .....	956,477	956,477
050	LAND FORCES OPERATIONS SUPPORT .....	1,157,635	1,167,935
	Joint Counter-UAS IOC acceleration .....		[10,300]
060	AVIATION ASSETS .....	1,453,024	1,453,024
070	FORCE READINESS OPERATIONS SUPPORT .....	4,713,660	4,713,660
080	LAND FORCES SYSTEMS READINESS .....	404,161	404,161
090	LAND FORCES DEPOT MAINTENANCE .....	1,413,359	1,413,359
100	BASE OPERATIONS SUPPORT .....	8,220,093	8,346,093
	Child Development Center playground equipment and furniture increases .....		[79,000]
	Child Youth Service improvements .....		[47,000]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	3,581,071	3,815,531
	FSRM increase .....		[62,360]
	MDTF EUCOM and INDOPACOM FSRM .....		[126,800]
	Revitalization of Army deployment infrastructure .....		[45,300]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	411,844	411,844
160	US AFRICA COMMAND .....	239,387	341,887
	AFRICOM force protection upgrades .....		[2,500]
	AFRICOM ISR improvements .....		[64,000]
	AFRICOM UFR CASEVAC improvements .....		[36,000]
170	US EUROPEAN COMMAND .....	160,761	160,761
180	US SOUTHERN COMMAND .....	197,826	197,826
190	US FORCES KOREA .....	65,152	65,152
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS ..	430,109	435,109
	Additional access and operations support .....		[5,000]
210	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	464,117	464,117
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>24,692,261</b>	<b>25,170,521</b>
<b>MOBILIZATION</b>			
220	STRATEGIC MOBILITY .....	402,236	402,236
230	ARMY PREPOSITIONED STOCKS .....	324,306	324,306
240	INDUSTRIAL PREPAREDNESS .....	3,653	3,653

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

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>730,195</b>	<b>730,195</b>
	<b>TRAINING AND RECRUITING</b>		
250	OFFICER ACQUISITION .....	165,142	165,142
260	RECRUIT TRAINING .....	76,509	76,509
270	ONE STATION UNIT TRAINING .....	88,523	88,523
280	SENIOR RESERVE OFFICERS TRAINING CORPS .....	535,578	535,578
290	SPECIALIZED SKILL TRAINING .....	981,436	981,436
300	FLIGHT TRAINING .....	1,204,768	1,204,768
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	215,195	215,195
320	TRAINING SUPPORT .....	575,232	575,232
330	RECRUITING AND ADVERTISING .....	722,612	722,612
340	EXAMINING .....	185,522	185,522
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	221,503	221,503
360	CIVILIAN EDUCATION AND TRAINING .....	154,651	154,651
370	JUNIOR RESERVE OFFICER TRAINING CORPS .....	173,286	173,286
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>5,299,957</b>	<b>5,299,957</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
390	SERVICEWIDE TRANSPORTATION .....	491,926	466,926
	Historical underexecution .....		[-25,000]
400	CENTRAL SUPPLY ACTIVITIES .....	812,613	812,613
410	LOGISTIC SUPPORT ACTIVITIES .....	676,178	676,178
420	AMMUNITION MANAGEMENT .....	437,774	437,774
430	ADMINISTRATION .....	438,048	438,048
440	SERVICEWIDE COMMUNICATIONS .....	1,638,872	1,638,872
450	MANPOWER MANAGEMENT .....	300,046	300,046
460	OTHER PERSONNEL SUPPORT .....	701,103	700,103
	Historical underexecution .....		[-4,000]
	Servicewomen's commemorative partnerships .....		[3,000]
470	OTHER SERVICE SUPPORT .....	1,887,133	1,887,133
480	ARMY CLAIMS ACTIVITIES .....	195,291	195,291
490	REAL ESTATE MANAGEMENT .....	229,537	229,537
500	FINANCIAL MANAGEMENT AND AUDIT READINESS .....	306,370	306,370
510	INTERNATIONAL MILITARY HEADQUARTERS .....	373,030	373,030
520	MISC. SUPPORT OF OTHER NATIONS .....	32,719	32,719
9999	CLASSIFIED PROGRAMS .....	1,069,915	1,069,915
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>9,590,555</b>	<b>9,564,555</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-458,901
	COVID-related ops/training slowdown .....		[-185,801]
	Excessive standard price for fuel .....		[-135,400]
	Foreign currency adjustments .....		[-137,700]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-458,901</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>40,312,968</b>	<b>40,306,327</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>		
	<b>OPERATING FORCES</b>		
010	MODULAR SUPPORT BRIGADES .....	10,784	10,784
020	ECHELONS ABOVE BRIGADE .....	530,425	530,425
030	THEATER LEVEL ASSETS .....	123,737	123,737
040	LAND FORCES OPERATIONS SUPPORT .....	589,582	589,582
050	AVIATION ASSETS .....	89,332	89,332
060	FORCE READINESS OPERATIONS SUPPORT .....	387,545	387,545
070	LAND FORCES SYSTEMS READINESS .....	97,569	97,569
080	LAND FORCES DEPOT MAINTENANCE .....	43,148	43,148
090	BASE OPERATIONS SUPPORT .....	587,098	587,098
100	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION .....	327,180	332,440
	FSRM increase .....		[5,260]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	28,783	28,783
120	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS ..	2,745	2,745
130	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	7,438	7,438
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>2,825,366</b>	<b>2,830,626</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
140	SERVICEWIDE TRANSPORTATION .....	15,530	15,530
150	ADMINISTRATION .....	17,761	17,761



<b>SEC. 4301. OPERATION AND MAINTENANCE</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
160	SERVICEWIDE COMMUNICATIONS .....	14,256	14,256
170	MANPOWER MANAGEMENT .....	6,564	6,564
180	RECRUITING AND ADVERTISING .....	55,240	55,240
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>109,351</b>	<b>109,351</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-16,699
	COVID-related ops/training slowdown .....		[-11,999]
	Excessive standard price for fuel .....		[-4,700]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-16,699</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES</b>	<b>2,934,717</b>	<b>2,923,278</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	769,449	769,449
020	MODULAR SUPPORT BRIGADES .....	204,604	204,604
030	ECHELONS ABOVE BRIGADE .....	812,072	812,072
040	THEATER LEVEL ASSETS .....	103,650	103,650
050	LAND FORCES OPERATIONS SUPPORT .....	32,485	32,485
060	AVIATION ASSETS .....	1,011,142	1,011,142
070	FORCE READINESS OPERATIONS SUPPORT .....	712,881	712,881
080	LAND FORCES SYSTEMS READINESS .....	47,732	47,732
090	LAND FORCES DEPOT MAINTENANCE .....	265,408	265,408
100	BASE OPERATIONS SUPPORT .....	1,106,704	1,106,704
110	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION .....	876,032	887,252
	FSRM increase .....		[11,220]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	1,050,257	1,050,257
130	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS ..	7,998	10,998
	Pilot program for National Guard cybersecurity .....		[3,000]
140	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	7,756	7,756
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>7,008,170</b>	<b>7,022,390</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
150	SERVICEWIDE TRANSPORTATION .....	8,018	8,018
160	ADMINISTRATION .....	74,309	74,309
170	SERVICEWIDE COMMUNICATIONS .....	66,140	66,140
180	MANPOWER MANAGEMENT .....	9,087	9,087
190	OTHER PERSONNEL SUPPORT .....	251,714	251,714
200	REAL ESTATE MANAGEMENT .....	2,576	2,576
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>411,844</b>	<b>411,844</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-74,172
	COVID-related ops/training slowdown .....		[-36,372]
	Excessive standard price for fuel .....		[-37,800]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-74,172</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>7,420,014</b>	<b>7,360,062</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	5,738,746	5,738,746
020	FLEET AIR TRAINING .....	2,213,673	2,213,673
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	57,144	57,144
040	AIR OPERATIONS AND SAFETY SUPPORT .....	171,949	171,949
050	AIR SYSTEMS SUPPORT .....	838,767	838,767
060	AIRCRAFT DEPOT MAINTENANCE .....	1,459,447	1,459,447
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	57,789	57,789
080	AVIATION LOGISTICS .....	1,264,665	1,264,665
100	SHIP OPERATIONS SUPPORT & TRAINING .....	1,117,067	1,117,067
110	SHIP DEPOT MAINTENANCE .....	7,859,104	7,859,104
120	SHIP DEPOT OPERATIONS SUPPORT .....	2,262,196	2,262,196
130	COMBAT COMMUNICATIONS AND ELECTRONIC WAR- FARE .....	1,521,360	1,521,360
140	SPACE SYSTEMS AND SURVEILLANCE .....	274,087	274,087
150	WARFARE TACTICS .....	741,609	741,609
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	401,382	401,382
170	COMBAT SUPPORT FORCES .....	1,546,273	1,546,273

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

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	177,951	177,951
190	COMBATANT COMMANDERS CORE OPERATIONS .....	61,484	66,484
	PDI: Asia-Pacific Regional Initiative .....		[5,000]
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	102,330	110,630
	PDI: Joint Task Force Indo-Pacific (SOCPAC) .....		[6,300]
	PDI: Singapore CTIF fusion center .....		[2,000]
210	MILITARY INFORMATION SUPPORT OPERATIONS .....	8,810	26,510
	PDI: Countering Chinese malign influence in Indo-Pacific .....		[17,700]
220	CYBERSPACE ACTIVITIES .....	567,496	567,496
230	FLEET BALLISTIC MISSILE .....	1,428,102	1,428,102
240	WEAPONS MAINTENANCE .....	995,762	995,762
250	OTHER WEAPON SYSTEMS SUPPORT .....	524,008	524,008
260	ENTERPRISE INFORMATION .....	1,229,056	1,229,056
270	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	3,453,099	3,453,099
280	BASE OPERATING SUPPORT .....	4,627,966	4,627,966
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>40,701,322</b>	<b>40,732,322</b>
	<b>MOBILIZATION</b>		
290	SHIP PREPOSITIONING AND SURGE .....	849,993	849,993
300	READY RESERVE FORCE .....	436,029	436,029
310	SHIP ACTIVATIONS/INACTIVATIONS .....	286,416	286,416
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	99,402	111,002
	USNS Mercy SLEP .....		[11,600]
330	COAST GUARD SUPPORT .....	25,235	25,235
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>1,697,075</b>	<b>1,708,675</b>
	<b>TRAINING AND RECRUITING</b>		
340	OFFICER ACQUISITION .....	186,117	186,117
350	RECRUIT TRAINING .....	13,206	13,206
360	RESERVE OFFICERS TRAINING CORPS .....	163,683	163,683
370	SPECIALIZED SKILL TRAINING .....	947,841	947,841
380	PROFESSIONAL DEVELOPMENT EDUCATION .....	367,647	367,647
390	TRAINING SUPPORT .....	254,928	254,928
400	RECRUITING AND ADVERTISING .....	206,305	206,305
410	OFF-DUTY AND VOLUNTARY EDUCATION .....	103,799	103,799
420	CIVILIAN EDUCATION AND TRAINING .....	66,060	66,060
430	JUNIOR ROTC .....	56,276	56,276
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>2,365,862</b>	<b>2,365,862</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
440	ADMINISTRATION .....	1,249,410	1,249,410
450	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....	189,625	189,625
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	499,904	499,904
470	MEDICAL ACTIVITIES .....	196,747	196,747
480	SERVICEWIDE TRANSPORTATION .....	165,708	165,708
500	PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....	519,716	524,716
	Energy Security Programs Office .....		[5,000]
510	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	751,184	751,184
520	INVESTIGATIVE AND SECURITY SERVICES .....	747,519	747,519
9999	CLASSIFIED PROGRAMS .....	608,670	608,670
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,928,483</b>	<b>4,933,483</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-629,787
	COVID-related ops/training slowdown .....		[-54,987]
	Excessive standard price for fuel .....		[-526,100]
	Foreign currency adjustments .....		[-48,700]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-629,787</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>49,692,742</b>	<b>49,110,555</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>		
	<b>OPERATING FORCES</b>		
010	OPERATIONAL FORCES .....	941,143	941,143
020	FIELD LOGISTICS .....	1,277,798	1,277,798
030	DEPOT MAINTENANCE .....	206,907	206,907
040	MARITIME PREPOSITIONING .....	103,614	103,614
050	CYBERSPACE ACTIVITIES .....	215,974	215,974
060	SUSTAINMENT, RESTORATION & MODERNIZATION .....	938,063	938,063

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	Senate Authorized
070	BASE OPERATING SUPPORT .....	2,264,680	2,264,680
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,948,179</b>	<b>5,948,179</b>
	<b>TRAINING AND RECRUITING</b>		
080	RECRUIT TRAINING .....	20,751	20,751
090	OFFICER ACQUISITION .....	1,193	1,193
100	SPECIALIZED SKILL TRAINING .....	110,149	110,149
110	PROFESSIONAL DEVELOPMENT EDUCATION .....	69,509	69,509
120	TRAINING SUPPORT .....	412,613	412,613
130	RECRUITING AND ADVERTISING .....	215,464	215,464
140	OFF-DUTY AND VOLUNTARY EDUCATION .....	33,719	33,719
150	JUNIOR ROTC .....	25,784	25,784
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>889,182</b>	<b>889,182</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	32,005	32,005
170	ADMINISTRATION .....	399,363	399,363
9999	CLASSIFIED PROGRAMS .....	59,878	59,878
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>491,246</b>	<b>491,246</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-28,257
	COVID-related ops/training slowdown .....		[-7,457]
	Excessive standard price for fuel .....		[-7,300]
	Foreign currency adjustments .....		[-13,500]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-28,257</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>7,328,607</b>	<b>7,300,350</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	635,070	635,070
020	INTERMEDIATE MAINTENANCE .....	8,713	8,713
030	AIRCRAFT DEPOT MAINTENANCE .....	105,088	105,088
040	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	398	398
050	AVIATION LOGISTICS .....	27,284	27,284
070	COMBAT COMMUNICATIONS .....	17,894	17,894
080	COMBAT SUPPORT FORCES .....	132,862	132,862
090	CYBERSPACE ACTIVITIES .....	453	453
100	ENTERPRISE INFORMATION .....	26,073	26,073
110	SUSTAINMENT, RESTORATION AND MODERNIZATION ....	48,762	48,762
120	BASE OPERATING SUPPORT .....	103,580	103,580
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,106,177</b>	<b>1,106,177</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
130	ADMINISTRATION .....	1,927	1,927
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	15,895	15,895
150	ACQUISITION AND PROGRAM MANAGEMENT .....	3,047	3,047
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>20,869</b>	<b>20,869</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-30,938
	COVID-related ops/training slowdown .....		[-6,438]
	Excessive standard price for fuel .....		[-24,500]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-30,938</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES</b>	<b>1,127,046</b>	<b>1,096,108</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE OPERATING FORCES</b>		
010	OPERATING FORCES .....	104,616	104,616
020	DEPOT MAINTENANCE .....	17,053	17,053
030	SUSTAINMENT, RESTORATION AND MODERNIZATION ....	41,412	41,412
040	BASE OPERATING SUPPORT .....	107,773	107,773
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>270,854</b>	<b>270,854</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
050	ADMINISTRATION .....	13,802	13,802
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>13,802</b>	<b>13,802</b>

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

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>UNDISTRIBUTED</b>			
999	UNDISTRIBUTED .....	0	-1,246
	COVID-related ops/training slowdown .....		[-1,046]
	Excessive standard price for fuel .....		[-200]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-1,246</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RE- SERVE .....</b>	<b>284,656</b>	<b>283,410</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE OPERATING FORCES</b>			
010	PRIMARY COMBAT FORCES .....	731,511	733,211
	Premature reduction of A-10 squadrons .....		[1,700]
020	COMBAT ENHANCEMENT FORCES .....	1,275,485	1,275,485
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) ....	1,437,095	1,449,495
	Premature reduction of A-10 squadrons .....		[12,400]
050	FACILITIES SUSTAINMENT, RESTORATION & MOD- ERNIZATION .....	3,241,216	3,343,016
	FSRM increase .....		[101,800]
060	CYBERSPACE SUSTAINMENT .....	235,816	235,816
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUP- PORT .....	1,508,342	1,477,897
	Transfer to OCO .....		[-30,445]
080	FLYING HOUR PROGRAM .....	4,458,457	4,564,157
	KC-10 tanker divestment reversal .....		[16,200]
	KC-135 tanker divestment reversal .....		[36,600]
	Premature reduction of A-10 squadrons .....		[52,900]
090	BASE SUPPORT .....	7,497,288	7,497,288
100	GLOBAL C3I AND EARLY WARNING .....	849,842	880,642
	PDI: Mission Partner Environment implementation .....		[30,800]
110	OTHER COMBAT OPS SPT PROGRAMS .....	1,067,055	1,067,055
120	CYBERSPACE ACTIVITIES .....	698,579	698,579
150	SPACE CONTROL SYSTEMS .....	34,194	34,194
160	US NORTHCOM/NORAD .....	204,268	204,268
170	US STRATCOM .....	526,809	526,809
180	US CYBERCOM .....	314,524	356,224
	Additional access and operations support .....		[25,000]
	Hunt Forward missions .....		[13,800]
	Secure the DODIN .....		[2,900]
190	US CENTCOM .....	186,116	186,116
200	US SOCOM .....	9,881	9,881
210	US TRANSCOM .....	1,046	1,046
230	USSPACECOM .....	249,022	249,022
9999	CLASSIFIED PROGRAMS .....	1,289,339	1,289,339
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>25,815,885</b>	<b>26,079,540</b>
<b>MOBILIZATION</b>			
240	AIRLIFT OPERATIONS .....	1,350,031	1,350,031
250	MOBILIZATION PREPAREDNESS .....	647,168	647,168
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>1,997,199</b>	<b>1,997,199</b>
<b>TRAINING AND RECRUITING</b>			
260	OFFICER ACQUISITION .....	142,548	142,548
270	RECRUIT TRAINING .....	25,720	25,720
280	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	128,295	128,295
290	SPECIALIZED SKILL TRAINING .....	417,335	417,335
300	FLIGHT TRAINING .....	615,033	615,033
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	298,795	298,795
320	TRAINING SUPPORT .....	85,844	85,844
330	RECRUITING AND ADVERTISING .....	155,065	135,065
	Ahead of need .....		[-20,000]
340	EXAMINING .....	4,474	4,474
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	219,349	219,349
360	CIVILIAN EDUCATION AND TRAINING .....	361,570	361,570
370	JUNIOR ROTC .....	72,126	72,126
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>2,526,154</b>	<b>2,506,154</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
380	LOGISTICS OPERATIONS .....	672,426	672,426

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	Senate Authorized
390	TECHNICAL SUPPORT ACTIVITIES .....	145,130	145,130
400	ADMINISTRATION .....	851,251	851,251
410	SERVICEWIDE COMMUNICATIONS .....	28,554	28,554
420	OTHER SERVICEWIDE ACTIVITIES .....	1,188,414	1,188,414
430	CIVIL AIR PATROL .....	28,772	28,772
450	INTERNATIONAL SUPPORT .....	158,803	158,803
9999	CLASSIFIED PROGRAMS .....	1,338,009	1,338,009
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,411,359</b>	<b>4,411,359</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-765,956
	COVID-related ops/training slowdown .....		[-89,856]
	COVID-related throughput carryover adjustment .....		[-75,800]
	Excessive standard price for fuel .....		[-560,200]
	Foreign currency adjustments .....		[-40,100]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-765,956</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b>	<b>34,750,597</b>	<b>34,228,296</b>
	<b>OPERATION &amp; MAINTENANCE, SPACE FORCE</b>		
	<b>OPERATING FORCES</b>		
020	GLOBAL C3I & EARLY WARNING .....	276,109	276,109
030	SPACE LAUNCH OPERATIONS .....	177,056	177,056
040	SPACE OPERATIONS .....	475,338	475,338
050	EDUCATION & TRAINING .....	18,660	18,660
060	SPECIAL PROGRAMS .....	137,315	137,315
070	DEPOT MAINTENANCE .....	250,324	250,324
080	CONTRACTOR LOGISTICS & SYSTEM SUPPORT .....	1,063,969	1,063,969
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>2,398,771</b>	<b>2,398,771</b>
	<b>ADMINISTRATION AND SERVICE WIDE ACTIVITIES</b>		
090	ADMINISTRATION .....	132,523	132,523
	<b>SUBTOTAL ADMINISTRATION AND SERVICE WIDE ACTIVITIES .....</b>	<b>132,523</b>	<b>132,523</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-400
	Excessive standard price for fuel .....		[-400]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, SPACE FORCE</b>	<b>2,531,294</b>	<b>2,530,894</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE</b>		
	<b>OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	1,782,016	1,782,016
020	MISSION SUPPORT OPERATIONS .....	215,209	215,209
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	453,896	509,096
	KC-10 tanker divestment reversal .....		[48,400]
	KC-135 tanker divestment reversal .....		[3,400]
	Premature reduction of A-10 squadrons .....		[3,400]
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	103,414	107,614
	FSRM increase .....		[4,200]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	224,977	224,977
060	BASE SUPPORT .....	452,468	452,468
070	CYBERSPACE ACTIVITIES .....	2,259	2,259
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,234,239</b>	<b>3,293,639</b>
	<b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>		
080	ADMINISTRATION .....	74,258	74,258
090	RECRUITING AND ADVERTISING .....	23,121	18,121
	Ahead of need .....		[-5,000]
100	MILITARY MANPOWER AND PERS MGMT (ARPC) .....	12,006	12,006
110	OTHER PERS SUPPORT (DISABILITY COMP) .....	6,165	6,165
120	AUDIOVISUAL .....	495	495

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	Senate Authorized
	<b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>	<b>116,045</b>	<b>111,045</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED	0	-73,163
	COVID-related ops/training slowdown		[-10,863]
	Excessive standard price for fuel		[-62,300]
	<b>SUBTOTAL UNDISTRIBUTED</b>	<b>0</b>	<b>-73,163</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE</b>	<b>3,350,284</b>	<b>3,331,521</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
010	AIRCRAFT OPERATIONS	2,476,205	2,476,205
020	MISSION SUPPORT OPERATIONS	611,325	611,325
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	1,138,919	1,138,919
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	323,605	332,505
	FSRM increase		[8,900]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,100,828	1,100,828
060	BASE SUPPORT	962,438	962,438
070	CYBERSPACE SUSTAINMENT	27,028	27,028
080	CYBERSPACE ACTIVITIES	16,380	19,380
	Pilot program for National Guard cybersecurity		[3,000]
	<b>SUBTOTAL OPERATING FORCES</b>	<b>6,656,728</b>	<b>6,668,628</b>
	<b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>		
090	ADMINISTRATION	48,218	48,218
100	RECRUITING AND ADVERTISING	48,696	33,696
	Ahead of need		[-15,000]
	<b>SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>	<b>96,914</b>	<b>81,914</b>
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED	0	-122,052
	COVID-related ops/training slowdown		[-15,852]
	Excessive standard price for fuel		[-106,200]
	<b>SUBTOTAL UNDISTRIBUTED</b>	<b>0</b>	<b>-122,052</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b>	<b>6,753,642</b>	<b>6,628,490</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF	439,111	439,111
020	JOINT CHIEFS OF STAFF—CE2T2	535,728	535,728
030	JOINT CHIEFS OF STAFF—CYBER	24,728	24,728
040	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	1,069,971	1,072,971
	SOCOM Syria exfiltration reconsituation		[3,000]
050	SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES	9,800	9,800
060	SPECIAL OPERATIONS COMMAND INTELLIGENCE	561,907	561,907
070	SPECIAL OPERATIONS COMMAND MAINTENANCE	685,097	707,097
	Airborne ISR restoration		[22,000]
080	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS	158,971	158,971
090	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,062,748	1,062,748
100	SPECIAL OPERATIONS COMMAND THEATER FORCES	2,598,385	2,599,685
	Airborne ISR restoration		[1,300]
	<b>SUBTOTAL OPERATING FORCES</b>	<b>7,146,446</b>	<b>7,172,746</b>
	<b>TRAINING AND RECRUITING</b>		
120	DEFENSE ACQUISITION UNIVERSITY	162,963	162,963
130	JOINT CHIEFS OF STAFF	95,684	95,684
140	PROFESSIONAL DEVELOPMENT EDUCATION	33,301	33,301
	<b>SUBTOTAL TRAINING AND RECRUITING</b>	<b>291,948</b>	<b>291,948</b>

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

<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
160	CIVIL MILITARY PROGRAMS .....	147,993	179,893
	Innovative Readiness Training .....		[16,900]
	STARBASE .....		[15,000]
180	DEFENSE CONTRACT AUDIT AGENCY .....	604,835	604,835
190	DEFENSE CONTRACT AUDIT AGENCY—CYBER .....	3,282	3,282
210	DEFENSE CONTRACT MANAGEMENT AGENCY .....	1,370,681	1,427,081
	DWR restore activities .....		[56,400]
220	DEFENSE CONTRACT MANAGEMENT AGENCY—CYBER ..	22,532	22,532
230	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY .....	949,008	952,008
	DWR restore: Congressional oversight .....		[3,000]
250	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY—CYBER .....	9,577	9,577
260	DEFENSE HUMAN RESOURCES ACTIVITY .....	799,952	799,952
270	DEFENSE HUMAN RESOURCES ACTIVITY—CYBER .....	20,806	20,806
280	DEFENSE INFORMATION SYSTEMS AGENCY .....	1,883,190	1,923,190
	Secure the DODIN .....		[40,000]
290	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER .....	582,639	577,939
	JRSS SIPR funding .....		[-4,700]
330	DEFENSE LEGAL SERVICES AGENCY .....	37,637	37,637
340	DEFENSE LOGISTICS AGENCY .....	382,084	385,684
	DWR restore: blankets for homeless .....		[3,600]
350	DEFENSE MEDIA ACTIVITY .....	196,997	196,997
360	DEFENSE PERSONNEL ACCOUNTING AGENCY .....	129,225	129,225
370	DEFENSE SECURITY COOPERATION AGENCY .....	598,559	598,559
	Defense Institute for International Legal Studies .....		[2,000]
	Institute for Security Governance .....		[-2,000]
	PDI: Maritime Security Initiative INDOPACOM UFR .....		[163,000]
	PDI: Transfer from Sec. 333 to Maritime Security Initiative .....		[-163,000]
400	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION ...	38,432	38,432
410	DEFENSE THREAT REDUCTION AGENCY .....	591,780	591,780
430	DEFENSE THREAT REDUCTION AGENCY—CYBER .....	24,635	24,635
440	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	2,941,429	3,012,929
	DWR restore: maintain student-teacher ratios in DODEA schools .....		[1,500]
	Impact Aid for children with severe disabilities .....		[20,000]
	Impact Aid for schools with military dependent students .....		[50,000]
450	MISSILE DEFENSE AGENCY .....	505,858	505,858
480	OFFICE OF ECONOMIC ADJUSTMENT .....	40,272	90,272
	Defense Community Infrastructure Program infusion .....		[50,000]
490	OFFICE OF THE SECRETARY OF DEFENSE .....	1,540,446	1,613,946
	AI National Security Commission .....		[2,500]
	Bien Hoa dioxin cleanup .....		[15,000]
	Black Start ERREs .....		[2,000]
	CDC PFAS health assessment .....		[10,000]
	Commission on Confederate symbols and displays .....		[2,000]
	Cooperative program for Vietnam personnel MIA .....		[2,000]
	DWR restore: Congressional background investigations .....		[-3,000]
	Energy performance contracts .....		[10,000]
	ESOH personnel in ASD(S) .....		[2,000]
	FY20 NDAA Sec. 575 interstate spousal licensing .....		[4,000]
	National Cyber Director independent study .....		[2,000]
	REPI .....		[25,000]
500	OFFICE OF THE SECRETARY OF DEFENSE—CYBER .....	51,630	51,630
510	SPACE DEVELOPMENT AGENCY .....	48,166	48,166
530	WASHINGTON HEADQUARTERS SERVICES .....	340,291	343,291
	DWR restore: support to commissions .....		[3,000]
9999	CLASSIFIED PROGRAMS .....	17,348,749	17,348,749
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>31,210,685</b>	<b>31,538,885</b>
<b>UNDISTRIBUTED</b>			
999	UNDISTRIBUTED .....	0	-172,839
	COVID-related ops/training slowdown .....		[-129,339]
	Excessive standard price for fuel .....		[-14,800]
	Foreign currency adjustments .....		[-28,700]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>-172,839</b>

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	Senate Authorized
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE .....</b>	<b>38,649,079</b>	<b>38,830,740</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE</b>		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DE- FENSE .....	15,211	15,211
	<b>SUBTOTAL US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....</b>	<b>15,211</b>	<b>15,211</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>15,211</b>	<b>15,211</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID</b>		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID ...	109,900	109,900
	<b>SUBTOTAL OVERSEAS HUMANITARIAN, DIS- ASTER AND CIVIC AID .....</b>	<b>109,900</b>	<b>109,900</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>109,900</b>	<b>109,900</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>COOPERATIVE THREAT REDUCTION</b>		
010	COOPERATIVE THREAT REDUCTION .....	238,490	288,490
	DWR restore: Biological Threat Reduction Program .....		[50,000]
	<b>SUBTOTAL COOPERATIVE THREAT REDUCTION ...</b>	<b>238,490</b>	<b>288,490</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>238,490</b>	<b>288,490</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>ACQUISITION WORKFORCE DEVELOPMENT</b>		
010	ACQ WORKFORCE DEV FD .....	58,181	156,680
	DWR restore OSD-level acquisition workforce activities .....		[98,499]
	<b>SUBTOTAL ACQUISITION WORKFORCE DEVELOP- MENT .....</b>	<b>58,181</b>	<b>156,680</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>58,181</b>	<b>156,680</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>ENVIRONMENTAL RESTORATION, ARMY</b>		
050	ENVIRONMENTAL RESTORATION, ARMY .....	207,518	207,518
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, ARMY .....</b>	<b>207,518</b>	<b>207,518</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>207,518</b>	<b>207,518</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>ENVIRONMENTAL RESTORATION, NAVY</b>		
060	ENVIRONMENTAL RESTORATION, NAVY .....	335,932	335,932
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, NAVY .....</b>	<b>335,932</b>	<b>335,932</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>335,932</b>	<b>335,932</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>ENVIRONMENTAL RESTORATION, AIR FORCE</b>		
070	ENVIRONMENTAL RESTORATION, AIR FORCE .....	303,926	303,926
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, AIR FORCE .....</b>	<b>303,926</b>	<b>303,926</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>303,926</b>	<b>303,926</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>ENVIRONMENTAL RESTORATION, DEFENSE</b>		
080	ENVIRONMENTAL RESTORATION, DEFENSE .....	9,105	9,105
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, DE- FENSE .....</b>	<b>9,105</b>	<b>9,105</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>9,105</b>	<b>9,105</b>



<b>SEC. 4301. OPERATION AND MAINTENANCE</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>MISCELLANEOUS APPROPRIATIONS</b>			
<b>ENVIRONMENTAL RESTORATION FORMERLY USED SITES</b>			
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....	216,587	216,587
<b>SUBTOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....</b>		<b>216,587</b>	<b>216,587</b>
<b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>		<b>216,587</b>	<b>216,587</b>
<b>TOTAL OPERATION &amp; MAINTENANCE .....</b>		<b>196,630,496</b>	<b>195,573,380</b>

1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**  
2 **CONTINGENCY OPERATIONS.**

<b>SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>OPERATION &amp; MAINTENANCE, ARMY OPERATING FORCES</b>			
010	MANEUVER UNITS .....	4,114,001	4,114,001
030	ECHELONS ABOVE BRIGADE .....	32,811	32,811
040	THEATER LEVEL ASSETS .....	2,542,760	2,545,410
	EDI: Support to deterrent activities .....		[2,650]
050	LAND FORCES OPERATIONS SUPPORT .....	162,557	162,557
060	AVIATION ASSETS .....	204,396	204,396
070	FORCE READINESS OPERATIONS SUPPORT .....	5,716,734	5,721,224
	EDI: Support to deterrent activities PE 0202218A .....		[1,490]
	EDI: Support to deterrent activities PE 1001010A .....		[3,000]
080	LAND FORCES SYSTEMS READINESS .....	180,048	180,048
090	LAND FORCES DEPOT MAINTENANCE .....	81,125	81,125
100	BASE OPERATIONS SUPPORT .....	219,029	219,029
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	301,017	301,017
130	ADDITIONAL ACTIVITIES .....	966,649	966,649
140	COMMANDER'S EMERGENCY RESPONSE PROGRAM .....	2,500	2,000
	Hero payments funded by ASFF .....		[-500]
150	RESET .....	403,796	403,796
160	US AFRICA COMMAND .....	100,422	100,422
170	US EUROPEAN COMMAND .....	120,043	144,143
	EDI: Continuity of operations support .....		[2,100]
	EDI: Modernizing Mission Partner Environment (MPE) .....		[22,000]
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS ..	98,461	98,461
210	CYBERSPACE ACTIVITIES—CYBERSECURITY .....	21,256	21,256
<b>SUBTOTAL OPERATING FORCES .....</b>		<b>15,267,605</b>	<b>15,298,345</b>
<b>MOBILIZATION</b>			
230	ARMY PREPOSITIONED STOCKS .....	103,052	103,052
<b>SUBTOTAL MOBILIZATION .....</b>		<b>103,052</b>	<b>103,052</b>
<b>TRAINING AND RECRUITING</b>			
290	SPECIALIZED SKILL TRAINING .....	89,943	89,943
320	TRAINING SUPPORT .....	2,550	2,550
<b>SUBTOTAL TRAINING AND RECRUITING .....</b>		<b>92,493</b>	<b>92,493</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
390	SERVICEWIDE TRANSPORTATION .....	521,090	521,090
400	CENTRAL SUPPLY ACTIVITIES .....	43,897	43,897
410	LOGISTIC SUPPORT ACTIVITIES .....	68,423	68,423
420	AMMUNITION MANAGEMENT .....	29,162	29,162
440	SERVICEWIDE COMMUNICATIONS .....	11,447	11,447
470	OTHER SERVICE SUPPORT .....	5,839	5,839
490	REAL ESTATE MANAGEMENT .....	48,782	48,782
510	INTERNATIONAL MILITARY HEADQUARTERS .....	50,000	50,000

<b>SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
9999	CLASSIFIED PROGRAMS .....	895,964	895,964
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>1,674,604</b>	<b>1,674,604</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>17,137,754</b>	<b>17,168,494</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>		
	<b>OPERATING FORCES</b>		
020	ECHELONS ABOVE BRIGADE .....	17,193	17,193
060	FORCE READINESS OPERATIONS SUPPORT .....	440	440
090	BASE OPERATIONS SUPPORT .....	15,766	15,766
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>33,399</b>	<b>33,399</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES</b>	<b>33,399</b>	<b>33,399</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	25,746	25,746
020	MODULAR SUPPORT BRIGADES .....	40	40
030	ECHELONS ABOVE BRIGADE .....	983	983
040	THEATER LEVEL ASSETS .....	22	22
060	AVIATION ASSETS .....	20,624	20,624
070	FORCE READINESS OPERATIONS SUPPORT .....	7,914	7,914
100	BASE OPERATIONS SUPPORT .....	24,417	24,417
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>79,746</b>	<b>79,746</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
170	SERVICEMEN COMMUNICATIONS .....	46	46
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>46</b>	<b>46</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>79,792</b>	<b>79,792</b>
	<b>AFGHANISTAN SECURITY FORCES FUND</b>		
	<b>AFGHAN NATIONAL ARMY</b>		
010	SUSTAINMENT .....	1,065,932	1,065,932
020	INFRASTRUCTURE .....	64,501	64,501
030	EQUIPMENT AND TRANSPORTATION .....	47,854	47,854
040	TRAINING AND OPERATIONS .....	56,780	56,780
	<b>SUBTOTAL AFGHAN NATIONAL ARMY .....</b>	<b>1,235,067</b>	<b>1,235,067</b>
	<b>AFGHAN NATIONAL POLICE</b>		
050	SUSTAINMENT .....	434,500	434,500
060	INFRASTRUCTURE .....	448	448
070	EQUIPMENT AND TRANSPORTATION .....	108,231	108,231
080	TRAINING AND OPERATIONS .....	58,993	58,993
	<b>SUBTOTAL AFGHAN NATIONAL POLICE .....</b>	<b>602,172</b>	<b>602,172</b>
	<b>AFGHAN AIR FORCE</b>		
090	SUSTAINMENT .....	534,102	534,102
100	INFRASTRUCTURE .....	9,532	9,532
110	EQUIPMENT AND TRANSPORTATION .....	58,487	58,487
120	TRAINING AND OPERATIONS .....	233,803	233,803
	<b>SUBTOTAL AFGHAN AIR FORCE .....</b>	<b>835,924</b>	<b>835,924</b>
	<b>AFGHAN SPECIAL SECURITY FORCES</b>		
130	SUSTAINMENT .....	680,024	680,024
140	INFRASTRUCTURE .....	2,532	2,532
150	EQUIPMENT AND TRANSPORTATION .....	486,808	486,808
160	TRAINING AND OPERATIONS .....	173,085	173,085
	<b>SUBTOTAL AFGHAN SPECIAL SECURITY FORCES</b>	<b>1,342,449</b>	<b>1,342,449</b>
	<b>TOTAL AFGHANISTAN SECURITY FORCES FUND ..</b>	<b>4,015,612</b>	<b>4,015,612</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	382,062	382,062
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	832	832
040	AIR OPERATIONS AND SAFETY SUPPORT .....	17,840	17,840
050	AIR SYSTEMS SUPPORT .....	210,692	210,692
060	AIRCRAFT DEPOT MAINTENANCE .....	170,580	170,580
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	5,854	5,854

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	Senate Authorized
080	AVIATION LOGISTICS .....	33,707	33,707
090	MISSION AND OTHER SHIP OPERATIONS .....	5,817,696	5,817,696
100	SHIP OPERATIONS SUPPORT & TRAINING .....	20,741	20,741
110	SHIP DEPOT MAINTENANCE .....	2,072,470	2,072,470
130	COMBAT COMMUNICATIONS AND ELECTRONIC WAR- FARE .....	59,254	59,254
140	SPACE SYSTEMS AND SURVEILLANCE .....	18,000	18,000
150	WARFARE TACTICS .....	17,324	17,324
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	22,581	22,581
170	COMBAT SUPPORT FORCES .....	772,441	772,441
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	5,788	5,788
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	24,800	24,800
220	CYBERSPACE ACTIVITIES .....	369	369
240	WEAPONS MAINTENANCE .....	567,247	567,247
250	OTHER WEAPON SYSTEMS SUPPORT .....	12,571	12,571
270	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	70,041	70,041
280	BASE OPERATING SUPPORT .....	218,792	218,792
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>10,521,682</b>	<b>10,521,682</b>
	<b>MOBILIZATION</b>		
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	22,589	22,589
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>22,589</b>	<b>22,589</b>
	<b>TRAINING AND RECRUITING</b>		
370	SPECIALIZED SKILL TRAINING .....	53,204	53,204
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>53,204</b>	<b>53,204</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
440	ADMINISTRATION .....	9,983	9,983
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	7,805	7,805
480	SERVICEWIDE TRANSPORTATION .....	72,097	72,097
510	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	11,354	11,354
520	INVESTIGATIVE AND SECURITY SERVICES .....	1,591	1,591
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>102,830</b>	<b>102,830</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>10,700,305</b>	<b>10,700,305</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS OPERATING FORCES</b>		
010	OPERATIONAL FORCES .....	727,989	745,489
	EDI: Globally Integrated Exercise 20-4/Austere Challenge 21.3 .....		[10,000]
	EDI: Marine European training program .....		[7,500]
020	FIELD LOGISTICS .....	195,001	195,001
030	DEPOT MAINTENANCE .....	55,183	55,183
050	CYBERSPACE ACTIVITIES .....	10,000	10,000
070	BASE OPERATING SUPPORT .....	24,569	24,569
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,012,742</b>	<b>1,030,242</b>
	<b>TRAINING AND RECRUITING</b>		
120	TRAINING SUPPORT .....	28,458	28,458
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>28,458</b>	<b>28,458</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	61,400	61,400
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>61,400</b>	<b>61,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>1,102,600</b>	<b>1,120,100</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES OPERATING FORCES</b>		
020	INTERMEDIATE MAINTENANCE .....	522	522
030	AIRCRAFT DEPOT MAINTENANCE .....	11,861	11,861
080	COMBAT SUPPORT FORCES .....	9,109	9,109
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>21,492</b>	<b>21,492</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES</b>	<b>21,492</b>	<b>21,492</b>

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	Senate Authorized
<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>			
<b>OPERATING FORCES</b>			
010	OPERATING FORCES .....	7,627	7,627
040	BASE OPERATING SUPPORT .....	1,080	1,080
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>8,707</b>	<b>8,707</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RE-SERVE .....</b>	<b>8,707</b>	<b>8,707</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>			
<b>OPERATING FORCES</b>			
010	PRIMARY COMBAT FORCES .....	125,551	125,551
020	COMBAT ENHANCEMENT FORCES .....	916,538	916,538
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) ....	93,970	93,970
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	3,528,059	3,528,059
050	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION .....	147,264	147,264
060	CYBERSPACE SUSTAINMENT .....	10,842	10,842
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUP-PORT .....	7,187,100	7,217,545
	Transfer from base .....		[30,445]
080	FLYING HOUR PROGRAM .....	2,031,548	2,031,548
090	BASE SUPPORT .....	1,540,444	1,540,444
100	GLOBAL C3I AND EARLY WARNING .....	13,709	13,709
110	OTHER COMBAT OPS SPT PROGRAMS .....	345,800	345,800
120	CYBERSPACE ACTIVITIES .....	17,936	17,936
130	TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES .....	36,820	36,820
140	LAUNCH FACILITIES .....	70	70
150	SPACE CONTROL SYSTEMS .....	1,450	1,450
160	US NORTHCOM/NORAD .....	725	725
170	US STRATCOM .....	856	856
180	US CYBERCOM .....	35,189	35,189
190	US CENTCOM .....	126,934	126,934
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>16,160,805</b>	<b>16,191,250</b>
<b>MOBILIZATION</b>			
240	AIRLIFT OPERATIONS .....	1,271,439	1,271,439
250	MOBILIZATION PREPAREDNESS .....	120,866	120,866
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>1,392,305</b>	<b>1,392,305</b>
<b>TRAINING AND RECRUITING</b>			
260	OFFICER ACQUISITION .....	200	200
270	RECRUIT TRAINING .....	352	352
290	SPECIALIZED SKILL TRAINING .....	27,010	27,010
300	FLIGHT TRAINING .....	844	844
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	1,199	1,199
320	TRAINING SUPPORT .....	1,320	1,320
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>30,925</b>	<b>30,925</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
380	LOGISTICS OPERATIONS .....	164,701	164,701
390	TECHNICAL SUPPORT ACTIVITIES .....	11,782	11,782
400	ADMINISTRATION .....	3,886	3,886
410	SERVICEWIDE COMMUNICATIONS .....	355	355
420	OTHER SERVICEWIDE ACTIVITIES .....	100,831	85,831
	OSC-I transition to normalized security cooperation .....		[-15,000]
450	INTERNATIONAL SUPPORT .....	29,928	29,928
9999	CLASSIFIED PROGRAMS .....	34,502	34,502
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>345,985</b>	<b>330,985</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b>	<b>17,930,020</b>	<b>17,945,465</b>
<b>OPERATION &amp; MAINTENANCE, SPACE FORCE</b>			
<b>OPERATING FORCES</b>			
020	GLOBAL C3I & EARLY WARNING .....	227	227
030	SPACE LAUNCH OPERATIONS .....	321	321
040	SPACE OPERATIONS .....	15,135	15,135
070	DEPOT MAINTENANCE .....	18,268	18,268
080	CONTRACTOR LOGISTICS & SYSTEM SUPPORT .....	43,164	43,164
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>77,115</b>	<b>77,115</b>

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2021 Request	Senate Authorized
	<b>TOTAL OPERATION &amp; MAINTENANCE, SPACE FORCE</b> .....	<b>77,115</b>	<b>77,115</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>		
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	24,408	24,408
060	BASE SUPPORT .....	5,682	5,682
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>30,090</b>	<b>30,090</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RE- SERVE</b> .....	<b>30,090</b>	<b>30,090</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
020	MISSION SUPPORT OPERATIONS .....	3,739	3,739
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	61,862	61,862
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUP- PORT .....	97,108	97,108
060	BASE SUPPORT .....	12,933	12,933
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>175,642</b>	<b>175,642</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>175,642</b>	<b>175,642</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF .....	3,799	3,799
020	JOINT CHIEFS OF STAFF—CE2T2 .....	6,634	6,634
040	SPECIAL OPERATIONS COMMAND COMBAT DEVELOP- MENT ACTIVITIES .....	898,024	898,024
060	SPECIAL OPERATIONS COMMAND INTELLIGENCE .....	1,244,553	1,244,553
070	SPECIAL OPERATIONS COMMAND MAINTENANCE .....	354,951	381,951
	Airborne ISR restoration .....		[27,000]
090	SPECIAL OPERATIONS COMMAND OPERATIONAL SUP- PORT .....	104,535	104,535
100	SPECIAL OPERATIONS COMMAND THEATER FORCES .....	757,744	757,744
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,370,240</b>	<b>3,397,240</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
180	DEFENSE CONTRACT AUDIT AGENCY .....	1,247	1,247
210	DEFENSE CONTRACT MANAGEMENT AGENCY .....	21,723	21,723
280	DEFENSE INFORMATION SYSTEMS AGENCY .....	56,256	56,256
290	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER .....	3,524	3,524
330	DEFENSE LEGAL SERVICES AGENCY .....	156,373	156,373
350	DEFENSE MEDIA ACTIVITY .....	3,555	3,555
370	DEFENSE SECURITY COOPERATION AGENCY .....	1,557,763	1,880,263
	Transfer from CTEF for Iraq train and equip requirements ..		[322,500]
410	DEFENSE THREAT REDUCTION AGENCY .....	297,486	297,486
490	OFFICE OF THE SECRETARY OF DEFENSE .....	16,984	16,984
530	WASHINGTON HEADQUARTERS SERVICES .....	1,997	1,997
9999	CLASSIFIED PROGRAMS .....	535,106	535,106
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>2,652,014</b>	<b>2,974,514</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE</b> .....	<b>6,022,254</b>	<b>6,371,754</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE</b> .....	<b>57,334,782</b>	<b>57,747,967</b>

1 **TITLE XLIV—MILITARY**  
 2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

<b>SEC. 4401. MILITARY PERSONNEL</b> (In Thousands of Dollars)		
<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>MILITARY PERSONNEL</b>		
<b>MILITARY PERSONNEL APPROPRIATIONS</b>		
MILITARY PERSONNEL APPROPRIATIONS .....	150,524,104	147,976,014
COVID related endstrength decreases .....		[-755,000]
Foreign currency adjustments, Air Force .....		[-81,800]
Foreign currency adjustments, Army .....		[-44,400]
Foreign currency adjustments, Marine Corps .....		[-13,900]
Foreign currency adjustments, Navy .....		[-41,300]
Military personnel historical underexecution .....		[-1,611,690]
<b>SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS</b> .....	<b>150,524,104</b>	<b>147,976,014</b>
<b>MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS</b>		
MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS .....	8,372,741	8,372,741
<b>SUBTOTAL MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS</b> .....	<b>8,372,741</b>	<b>8,372,741</b>
<b>TOTAL MILITARY PERSONNEL</b> .....	<b>158,896,845</b>	<b>156,348,755</b>

4 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
 5 **GENCY OPERATIONS.**

<b>SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)		
<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>MILITARY PERSONNEL</b>		
<b>MILITARY PERSONNEL APPROPRIATIONS</b>		
MILITARY PERSONNEL APPROPRIATIONS .....	4,602,593	4,602,593
<b>SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS</b> .....	<b>4,602,593</b>	<b>4,602,593</b>
<b>TOTAL MILITARY PERSONNEL</b> .....	<b>4,602,593</b>	<b>4,602,593</b>

6 **TITLE XLV—OTHER**  
 7 **AUTHORIZATIONS**

8 **SEC. 4501. OTHER AUTHORIZATIONS.**

<b>SEC. 4501. OTHER AUTHORIZATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	<b>WORKING CAPITAL FUND</b>		
	<b>WORKING CAPITAL FUND, ARMY</b>		

<b>SEC. 4501. OTHER AUTHORIZATIONS</b> (In Thousands of Dollars)			
Line	Item	FY 2021 Request	Senate Authorized
010	INDUSTRIAL OPERATIONS .....	32,551	5,551
	One-time COVID-related carryover decrease .....		[-27,000]
020	SUPPLY MANAGEMENT—ARMY .....	24,166	1,166
	One-time COVID-related carryover decrease .....		[-23,000]
	<b>SUBTOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>56,717</b>	<b>6,717</b>
	<b>WORKING CAPITAL FUND, AIR FORCE</b>		
020	SUPPLIES AND MATERIALS .....	95,712	5,712
	Air Force cash corpus for energy optimization .....		[10,000]
	One-time COVID-related carryover decrease .....		[-100,000]
	<b>SUBTOTAL WORKING CAPITAL FUND, AIR FORCE .....</b>	<b>191,424</b>	<b>101,424</b>
	<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>		
020	SUPPLY CHAIN MANAGEMENT—DEF .....	49,821	49,821
	<b>SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE .....</b>	<b>49,821</b>	<b>49,821</b>
	<b>WORKING CAPITAL FUND, DECA</b>		
010	WORKING CAPITAL FUND, DECA .....	1,146,660	1,146,660
	<b>SUBTOTAL WORKING CAPITAL FUND, DECA .....</b>	<b>1,146,660</b>	<b>1,146,660</b>
	<b>TOTAL WORKING CAPITAL FUND .....</b>	<b>1,444,622</b>	<b>1,304,622</b>
	<b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION OPERATION &amp; MAINTENANCE</b>		
1	CHEM DEMILITARIZATION—O&M .....	106,691	106,691
	<b>SUBTOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>106,691</b>	<b>106,691</b>
	<b>RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b>		
2	CHEM DEMILITARIZATION—RDT&E .....	782,193	782,193
	<b>SUBTOTAL RESEARCH, DEVELOPMENT, TEST, AND EVALUATION .....</b>	<b>782,193</b>	<b>782,193</b>
	<b>PROCUREMENT</b>		
3	CHEM DEMILITARIZATION—PROC .....	616	616
	<b>SUBTOTAL PROCUREMENT .....</b>	<b>616</b>	<b>616</b>
	<b>TOTAL CHEM AGENTS &amp; MUNITIONS DESTRUCTION ...</b>	<b>889,500</b>	<b>889,500</b>
	<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF DRUG INTRDCTN</b>		
010	COUNTER-NARCOTICS SUPPORT .....	546,203	562,003
	PDI: Joint Interagency Task Force—West Project 3309 .....		[13,000]
	PDI: Joint Interagency Task Force—West Project 9202 .....		[2,800]
	<b>SUBTOTAL DRUG INTRDCTN .....</b>	<b>546,203</b>	<b>562,003</b>
	<b>DRUG DEMAND REDUCTION PROGRAM</b>		
020	DRUG DEMAND REDUCTION PROGRAM .....	123,704	123,704
	<b>SUBTOTAL DRUG DEMAND REDUCTION PROGRAM .....</b>	<b>123,704</b>	<b>123,704</b>
	<b>NATIONAL GUARD COUNTER-DRUG PROGRAM</b>		
030	NATIONAL GUARD COUNTER-DRUG PROGRAM .....	94,211	94,211
	<b>SUBTOTAL NATIONAL GUARD COUNTER-DRUG PRO- GRAM .....</b>	<b>94,211</b>	<b>94,211</b>
	<b>NATIONAL GUARD COUNTER-DRUG SCHOOLS</b>		
040	NATIONAL GUARD COUNTER-DRUG SCHOOLS .....	5,511	5,511
	<b>SUBTOTAL NATIONAL GUARD COUNTER-DRUG SCHOOLS .....</b>	<b>5,511</b>	<b>5,511</b>
	<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVI- TIES, DEF .....</b>	<b>769,629</b>	<b>785,429</b>
	<b>OFFICE OF THE INSPECTOR GENERAL OFFICE OF THE INSPECTOR GENERAL</b>		
010	OFFICE OF THE INSPECTOR GENERAL .....	368,279	368,279
030	OFFICE OF THE INSPECTOR GENERAL—CYBER .....	1,204	1,204
040	OFFICE OF THE INSPECTOR GENERAL .....	1,098	1,098
050	OFFICE OF THE INSPECTOR GENERAL .....	858	858
	<b>SUBTOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>371,439</b>	<b>371,439</b>

<b>SEC. 4501. OTHER AUTHORIZATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>371,439</b>	<b>371,439</b>
	<b>DEFENSE HEALTH PROGRAM</b>		
	<b>OPERATION &amp; MAINTENANCE</b>		
010	IN-HOUSE CARE .....	9,560,564	9,560,564
020	PRIVATE SECTOR CARE .....	15,841,887	15,841,887
030	CONSOLIDATED HEALTH SUPPORT .....	1,338,269	1,338,269
040	INFORMATION MANAGEMENT .....	2,039,910	2,039,910
050	MANAGEMENT ACTIVITIES .....	330,627	330,627
060	EDUCATION AND TRAINING .....	315,691	315,691
070	BASE OPERATIONS/COMMUNICATIONS .....	1,922,605	1,927,605
	National Disaster Medical System pilot program .....		[5,000]
	<b>SUBTOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>31,349,553</b>	<b>31,354,553</b>
	<b>RDT&amp;E</b>		
080	R&D RESEARCH .....	8,913	8,913
090	R&D EXPLORATORY DEVELOPMENT .....	73,984	73,984
100	R&D ADVANCED DEVELOPMENT .....	225,602	225,602
110	R&D DEMONSTRATION/VALIDATION .....	132,331	132,331
120	R&D ENGINEERING DEVELOPMENT .....	55,748	55,748
130	R&D MANAGEMENT AND SUPPORT .....	48,672	48,672
140	R&D CAPABILITIES ENHANCEMENT .....	17,215	17,215
	<b>SUBTOTAL RDT&amp;E .....</b>	<b>562,465</b>	<b>562,465</b>
	<b>PROCUREMENT</b>		
150	PROC INITIAL OUTFITTING .....	22,932	22,932
160	PROC REPLACEMENT & MODERNIZATION .....	215,618	215,618
170	PROC MILITARY HEALTH SYSTEM—DESKTOP TO DATACENTER .....	70,872	70,872
180	PROC DOD HEALTHCARE MANAGEMENT SYSTEM MOD- ERNIZATION .....	308,504	308,504
	<b>SUBTOTAL PROCUREMENT .....</b>	<b>617,926</b>	<b>617,926</b>
	<b>SOFTWARE &amp; DIGITAL TECHNOLOGY PILOT PRO- GRAMS</b>		
190	SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS .....	160,428	160,428
	<b>SUBTOTAL SOFTWARE &amp; DIGITAL TECHNOLOGY PILOT PROGRAMS .....</b>	<b>160,428</b>	<b>160,428</b>
	<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>32,690,372</b>	<b>32,695,372</b>
	<b>TOTAL OTHER AUTHORIZATIONS .....</b>	<b>36,711,765</b>	<b>36,592,565</b>

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

<b>SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	<b>WORKING CAPITAL FUND</b>		
	<b>WORKING CAPITAL FUND, ARMY</b>		
020	SUPPLY MANAGEMENT—ARMY .....	20,090	20,090
	<b>SUBTOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>20,090</b>	<b>20,090</b>
	<b>TOTAL WORKING CAPITAL FUND .....</b>	<b>20,090</b>	<b>20,090</b>
	<b>OFFICE OF THE INSPECTOR GENERAL</b>		
	<b>OFFICE OF THE INSPECTOR GENERAL</b>		
010	OFFICE OF THE INSPECTOR GENERAL .....	24,069	24,069
	<b>SUBTOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>24,069</b>	<b>24,069</b>
	<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>24,069</b>	<b>24,069</b>
	<b>DEFENSE HEALTH PROGRAM</b>		
	<b>OPERATION &amp; MAINTENANCE</b>		



SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	Senate Authorized
010	IN-HOUSE CARE .....	65,072	65,072
020	PRIVATE SECTOR CARE .....	296,828	296,828
030	CONSOLIDATED HEALTH SUPPORT .....	3,198	3,198
	<b>SUBTOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>365,098</b>	<b>365,098</b>
	<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>365,098</b>	<b>365,098</b>
	<b>COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)</b>		
	<b>COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)</b>		
010	IRAQ .....	645,000	322,500
	Transfer traditional BPC activities to DSCA .....		[-322,500]
020	SYRIA .....	200,000	200,000
	<b>SUBTOTAL COUNTER ISIS TRAIN AND EQUIP FUND (CTEF) .....</b>	<b>845,000</b>	<b>522,500</b>
	<b>TOTAL COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)</b>	<b>845,000</b>	<b>522,500</b>
	<b>TOTAL OTHER AUTHORIZATIONS .....</b>	<b>1,254,257</b>	<b>931,757</b>

1 **TITLE XLVI—MILITARY**  
 2 **CONSTRUCTION**  
 3 **SEC. 4601. MILITARY CONSTRUCTION.**

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	Senate Authorized
<b>MILITARY CONSTRUCTION</b>				
<b>ARMY</b>				
	Alaska			
Army	Fort Wainwright	Child Development Center .....	0	55,000
Army	Fort Wainwright	Unaccompanied Enlisted Personnel Housing ...	0	59,000
	Arizona			
Army	Yuma Proving Ground	Ready Building .....	14,000	14,000
	California			
Army	Military Ocean Terminal Concord	Ammunition Holding Facility .....	0	46,000
	Colorado			
Army	Fort Carson	Physical Fitness Facility .....	28,000	28,000
	Florida			
Army	JIATF-S Operations Center	Planning & Design .....	0	8,000
	Georgia			
Army	Fort Gillem	Forensic Laboratory .....	71,000	71,000
Army	Fort Gordon	Adv Individual Training Barracks Cplx, Ph3 ..	80,000	80,000
	Hawaii			
Army	Aliamanu Military Reservation	Child Development Center—School Age .....	0	71,000
Army	Schofield Barracks	Child Development Center .....	0	39,000
Army	Wheeler Army Air Field	Aircraft Maintenance Hangar .....	89,000	89,000
	Italy			
Army	Casmera Renato Dal Din	Access Control Point .....	0	10,200
	Louisiana			
Army	Fort Polk	Information Systems Facility .....	25,000	25,000
	Oklahoma			
Army	McAlester AAP	Ammunition Demolition Shop .....	35,000	35,000
	Pennsylvania			
Army	Carlisle Barracks	General Instruction Building (Inc 2) .....	38,000	8,000
	South Carolina			
Army	Fort Jackson	Trainee Barracks Complex 3, Ph2 .....	0	7,000
	Virginia			
Army	Humphreys Engineer Center	Training Support Facility .....	51,000	51,000
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	Planning and Design .....	129,436	59,436
Army	Unspecified Worldwide Locations	Host Nation Support .....	39,000	39,000

**SEC. 4601. MILITARY CONSTRUCTION**  
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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
Army	Unspecified Worldwide Locations	Unspecified Minor Construction .....	50,900	74,900
<b>SUBTOTAL ARMY .....</b>			<b>650,336</b>	<b>869,536</b>
<b>NAVY</b>				
Navy	Bahrain Island			
Navy	SW Asia	Ship to Shore Utility Services .....	68,340	68,340
Navy	California			
Navy	Camp Pendleton	Combat Water Survival Training Facility .....	0	25,200
Navy	Camp Pendleton	Warehouse Consolidation and Modernization ..	0	21,800
Navy	Camp Pendleton	I MEF Consolidated Information Center (INC).	37,000	37,000
Navy	Camp Pendleton	1st MARDIV Operations Complex .....	68,530	68,530
Navy	Lemoore	F-35C Simulator Facility & Electrical Up-grade.	59,150	59,150
Navy	Lemoore	F-35C Hangar 6 Phase 2 (Mod 3/4) .....	128,070	53,000
Navy	Point Mugu	Directed Energy Test Facility .....	0	26,700
Navy	Port Hueneme	Combat Vehicle Maintenance Facilities .....	0	43,500
Navy	San Diego	Pier 6 Replacement .....	128,500	63,500
Navy	Seal Beach	Magazines .....	0	46,800
Navy	Twentynine Palms	Wastewater Treatment Plant .....	76,500	76,500
Navy	Greece			
Navy	Souda Bay	Communication Center .....	50,180	50,180
Navy	Guam			
Navy	Andersen Air Force Base	Ordnance Operations Admin .....	21,280	21,280
Navy	Joint Region Marianas	DAR Road Strengthening .....	70,760	70,760
Navy	Joint Region Marianas	DAR Bridge Improvements .....	40,180	40,180
Navy	Joint Region Marianas	Central Fuel Station .....	35,950	17,950
Navy	Joint Region Marianas	Distribution Warehouse .....	77,930	77,930
Navy	Joint Region Marianas	Combined EOD Facility .....	37,600	37,600
Navy	Joint Region Marianas	Bachelor Enlisted Quarters (Inc) .....	80,000	10,000
Navy	Joint Region Marianas	Joint Communication Upgrade .....	166,000	26,000
Navy	Joint Region Marianas	Base Warehouse .....	55,410	55,410
Navy	Joint Region Marianas	Individual Combat Skills Training .....	17,430	17,430
Navy	Joint Region Marianas	Central Issue Facility .....	45,290	45,290
Navy	Hawaii			
Navy	Joint Base Pearl Harbor-Hickam	Waterfront Improvements Wharves S8-S10 ...	65,910	65,910
Navy	Joint Base Pearl Harbor-Hickam	Waterfront Improve, Wharves S1,S11-13,S20-21.	48,990	48,990
Navy	Honduras			
Navy	Comalapa	Long Range Maritime Patrol Aircraft Hangar and Ramp.	0	28,000
Navy	Japan			
Navy	Yokosuka	Pier 5 (Berths 2 and 3) (Inc) .....	74,692	44,692
Navy	Maine			
Navy	Kittery	Multi-Mission Drydock #1 Exten., Ph 1 (Inc)	160,000	160,000
Navy	NCTAMS LANT Detachment Cutler	Perimeter Security .....	0	26,100
Navy	Nevada			
Navy	Fallon	Range Training Complex, Phase 1 .....	29,040	29,040
Navy	North Carolina			
Navy	Camp Lejeune	II MEF Operations Center Replacement (Inc)	20,000	20,000
Navy	Cherry Point	Fitness Center Replacement and Training Pool.	0	51,900
Navy	Spain			
Navy	Rota	MH-60R Squadron Support Facilities .....	60,110	60,110
Navy	Virginia			
Navy	Norfolk	Sub Logistics Support .....	0	9,400
Navy	Norfolk	MH60 & CMV-22B Corrosion Control & Paint Facility.	17,671	17,671
Navy	Norfolk	E-2D Training Facility .....	30,400	30,400
Navy	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction .....	38,983	38,983
Navy	Unspecified Worldwide Locations	Planning & Design .....	163,710	163,710
<b>SUBTOTAL NAVY .....</b>			<b>1,975,606</b>	<b>1,856,936</b>
<b>AIR FORCE</b>				
Air Force	Colorado			
Air Force	Schriever Air Force Base	Consolidated Space Operations Facility, (Inc 2).	88,000	88,000
Air Force	United States Air Force Academy	Cadet Preparatory School Dormitory .....	0	49,000

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
	Guam			
Air Force	Joint Region Marianas	Stand Off Weapons Complex, MSA 2 .....	56,000	56,000
	Mariana Islands			
Air Force	Tinian	Fuel Tanks With Pipeline & Hydrant Sys, (Inc 2).	7,000	7,000
Air Force	Tinian	Airfield Development Phase 1, (Inc 2) .....	20,000	20,000
Air Force	Tinian	Parking Apron, (Inc 2) .....	15,000	15,000
	Montana			
Air Force	Malmstrom Air Force Base	Weapons Storage & Maintenance Facility, (Inc 2).	25,000	25,000
	New Jersey			
Air Force	Joint Base McGuire-Dix-Lakehurst	Munitions Storage Area .....	22,000	22,000
	Qatar			
Air Force	Al Udeid	Cargo Marshalling Yard .....	26,000	26,000
	South Dakota			
Air Force	Ellsworth Air Force Base	B-21 2-Bay LO Restoration Facility .....	0	10,000
	Texas			
Air Force	Joint Base San Antonio	BMT Recruit Dormitory S, (Inc 2) .....	36,000	36,000
Air Force	Joint Base San Antonio	T-X ADAL Ground Based Trng Sys Sim .....	19,500	19,500
	Utah			
Air Force	Hill Air Force Base	GBSD Organic Software Sustainment Center	0	20,000
Air Force	Hill Air Force Base	GBSD Mission Integration Facility, (Inc 2) ...	68,000	68,000
	Virginia			
Air Force	Joint Base Langley-Eustis	Access Control Point Main Gate With Land Acq.	19,500	19,500
	Worldwide Unspecified			
Air Force	Unspecified Worldwide Locations	Cost to Complete .....	0	29,422
Air Force	Unspecified Worldwide Locations	Planning & Design .....	296,532	116,532
Air Force	Unspecified Worldwide Locations	Unspecified Minor Construction .....	68,600	68,600
	<b>SUBTOTAL AIR FORCE</b> .....		<b>767,132</b>	<b>695,554</b>
	<b>DEFENSE-WIDE</b>			
	Alabama			
Defense-Wide	Anniston Army Depot	Demilitarization Facility .....	18,000	18,000
	Alaska			
Defense-Wide	Fort Greely	Communications Center .....	48,000	48,000
	Alabama			
Defense-Wide	Fort Rucker	Construct 10mw Generation & Microgrid .....	0	24,000
	Arizona			
Defense-Wide	Fort Huachuca	Laboratory Building .....	33,728	33,728
Defense-Wide	Yuma	SOF Hangar .....	49,500	49,500
	Arkansas			
Defense-Wide	Fort Smith Air National Guard Base	PV Arrays and Battery Storage .....	0	2,600
	California			
Defense-Wide	Beale Air Force Base	Bulk Fuel Tank .....	22,800	22,800
	Colorado			
Defense-Wide	Fort Carson	SOF Tactical Equipment Maintenance Facility	15,600	15,600
	CONUS Unspecified			
Defense-Wide	CONUS Unspecified	Training Target Structure .....	14,400	14,400
	Florida			
Defense-Wide	Hurlburt Field	SOF Special Tactics Ops Facility (23 STS) ...	44,810	44,810
Defense-Wide	Hurlburt Field	SOF Combat Aircraft Parking Apron-North ...	38,310	38,310
	Georgia			
Defense-Wide	Fort Benning	Construct 4.8mw Generation & Microgrid .....	0	17,000
	Germany			
Defense-Wide	Rhine Ordnance Barracks	Medical Center Replacement (Inc 9) .....	200,000	0
	Japan			
Defense-Wide	Def Fuel Support Point Tsurumi	Fuel Wharf .....	49,500	49,500
Defense-Wide	Yokosuka	Kinnick High School (Inc) .....	30,000	0
	Kentucky			
Defense-Wide	Fort Knox	Van Voorhis Elementary School .....	69,310	69,310
	Maryland			
Defense-Wide	Bethesda Naval Hospital	MEDCEN Addition/Alteration (Inc 4) .....	180,000	50,000
Defense-Wide	Fort Meade	NSAW Recapitalize Building #3 (Inc) .....	250,000	250,000
	Mississippi			
Defense-Wide	MTA Camp Shelby	Construct 10mw Generation Plant and Microgrid System.	0	30,000
	Missouri			

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Defense-Wide	Fort Leonard Wood	Hospital Replacement (Inc 3) .....	40,000	40,000
Defense-Wide	St Louis	Next NGA West (N2W) Complex Phase 2 (Inc).	119,000	60,000
	New Mexico			
Defense-Wide	Kirtland Air Force Base	Administrative Building .....	46,600	46,600
	North Carolina			
Defense-Wide	Fort Bragg	SOTF Chilled Water Upgrade .....	0	6,100
Defense-Wide	Fort Bragg	SOF Military Working Dog Facility .....	17,700	17,700
Defense-Wide	Fort Bragg	SOF Group Headquarters .....	53,100	53,100
Defense-Wide	Fort Bragg	SOF Operations Facility .....	43,000	43,000
	Ohio			
Defense-Wide	Wright-Patterson Air Force Base	Intelligence Facility Central Utility Plant .....	0	35,000
Defense-Wide	Wright-Patterson Air Force Base	Hydrant Fuel System .....	23,500	23,500
	Tennessee			
Defense-Wide	Memphis International Airport	PV Arrays and Battery Storage .....	0	4,780
	Texas			
Defense-Wide	Fort Hood	Fuel Facilities .....	32,700	32,700
	Virginia			
Defense-Wide	Joint Expeditionary Base Little Creek—Story	SOF DCS Operations Fac. and Command Center.	54,500	54,500
Defense-Wide	Joint Expeditionary Base Little Creek—Story	SOF NSWG-2 NSWTG CSS Facilities .....	58,000	58,000
	Washington			
Defense-Wide	Joint Base Lewis-McChord	Fuel Facilities (Lewis North) .....	10,900	10,900
Defense-Wide	Joint Base Lewis-McChord	Fuel Facilities (Lewis Main) .....	10,900	10,900
Defense-Wide	Manchester	Bulk Fuel Storage Tanks Phase 1 .....	82,000	82,000
	Washington DC			
Defense-Wide	Joint Base Anacostia-Bolling	DIA HQ Cooling Towers and Cond Pumps .....	0	1,963
Defense-Wide	Joint Base Anacostia-Bolling	Industrial Controls System Modernization .....	0	8,749
Defense-Wide	Joint Base Anacostia-Bolling	PV Carports .....	0	25,221
	Worldwide Unspecified			
Defense-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	8,000	8,000
Defense-Wide	Unspecified Worldwide Locations	Planning and Design .....	27,746	27,746
Defense-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	4,922	4,922
Defense-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	17,698	17,698
Defense-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	20,000	20,000
Defense-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	142,500	142,500
Defense-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
Defense-Wide	Unspecified Worldwide Locations	Planning and Design .....	10,647	10,647
Defense-Wide	Unspecified Worldwide Locations	ERCIP Design .....	14,250	14,250
Defense-Wide	Unspecified Worldwide Locations	Planning and Design .....	10,303	10,303
Defense-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction .....	5,840	5,840
Defense-Wide	Various Worldwide Locations	Planning and Design .....	32,624	32,624
Defense-Wide	Various Worldwide Locations	Unspecified Minor Construction .....	9,726	9,726
Defense-Wide	Various Worldwide Locations	Planning and Design .....	64,406	64,406
	Worldwide Unspecified			
Defense-Wide	Unspecified Worldwide Locations	Planning & Design—Military Installation Resiliency.	0	50,000
Defense-Wide	Unspecified Worldwide Locations	Planning & Design—Pacific Deterrence Initiative.	0	15,000
	<b>SUBTOTAL DEFENSE-WIDE</b> .....		<b>2,027,520</b>	<b>1,828,933</b>

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>ARMY NATIONAL GUARD</b>				
	Arizona			
Army National Guard	Tucson	National Guard Readiness Center .....	18,100	18,100
	Arkansas			
Army National Guard	Fort Chaffee	National Guard Readiness Center .....	0	15,000
	California			
Army National Guard	Bakersfield	National Guard Vehicle Maintenance Shop .....	0	9,300
	Colorado			
Army National Guard	Peterson Air Force Base	National Guard Readiness Center .....	15,000	15,000
	Indiana			
Army National Guard	Shelbyville	National Guard/Reserve Center Building Add/Alt.	12,000	12,000
	Kentucky			
Army National Guard	Frankfort	National Guard/Reserve Center Building .....	15,000	15,000
	Mississippi			
Army National Guard	Brandon	National Guard Vehicle Maintenance Shop .....	10,400	10,400
	Nebraska			
Army National Guard	North Platte	National Guard Vehicle Maintenance Shop .....	9,300	9,300
	New Jersey			
Army National Guard	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center .....	15,000	15,000
	Ohio			
Army National Guard	Columbus	National Guard Readiness Center .....	15,000	15,000
	Oklahoma			
Army National Guard	Ardmore	National Guard Vehicle Maintenance Shop .....	0	9,800
	Oregon			
Army National Guard	Hermiston	Enlisted Barracks, Transient Training .....	0	15,735
Army National Guard	Hermiston	Enlisted Barracks, Transient Training .....	9,300	9,300
	Puerto Rico			
Army National Guard	Fort Allen	National Guard Readiness Center .....	37,000	37,000
	South Carolina			
Army National Guard	Joint Base Charleston	National Guard Readiness Center .....	15,000	15,000
	Tennessee			
Army National Guard	Memnville	National Guard Readiness Center .....	11,200	11,200
	Texas			
Army National Guard	Fort Worth	National Guard Vehicle Maintenance Shop .....	7,800	7,800
Army National Guard	Fort Worth	Aircraft Maintenance Hangar Addition/Alt .....	6,000	6,000
	Utah			
Army National Guard	Nephi	National Guard Readiness Center .....	12,000	12,000
	Virgin Islands			
Army National Guard	St. Croix	Army Aviation Support Facility (AASF) .....	28,000	28,000
Army National Guard	St. Croix	CST Ready Building .....	11,400	11,400
	Wisconsin			
Army National Guard	Appleton	National Guard Readiness Center Add/Alt .....	11,600	11,600
	Worldwide Unspecified			
Army National Guard	Unspecified Worldwide Locations	Unspecified Minor Construction .....	32,744	32,744
Army National Guard	Unspecified Worldwide Locations	Planning and Design .....	29,593	29,593
<b>SUBTOTAL ARMY NATIONAL GUARD .....</b>			<b>321,437</b>	<b>371,272</b>
<b>AIR NATIONAL GUARD</b>				
	Alabama			
Air National Guard	Montgomery Regional Airport	Base Supply Complex .....	0	12,000
Air National Guard	Montgomery Regional Airport	F-35 Simulator Facility .....	11,600	11,600
	Guam			
Air National Guard	Joint Region Marianas	Space Control Facility #5 .....	20,000	20,000
	Maryland			
Air National Guard	Joint Base Andrews	F-16 Mission Training Center .....	9,400	9,400
	North Dakota			
Air National Guard	Hector International Airport	Consolidated RPA Operations Facility .....	0	17,500
	Texas			
Air National Guard	Joint Base San Antonio	F-16 Mission Training Center .....	10,800	10,800
	Worldwide Unspecified			
Air National Guard	Unspecified Worldwide Locations	Unspecified Minor Construction .....	9,000	9,000
Air National Guard	Various Worldwide Locations	Planning and Design .....	3,414	3,414
<b>SUBTOTAL AIR NATIONAL GUARD .....</b>			<b>64,214</b>	<b>93,714</b>
<b>ARMY RESERVE</b>				
	Florida			

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
Army Reserve	Gainesville Massachusetts	ECS TEMP/Warehouse .....	36,000	36,000
Army Reserve	Devens Reserve Forces Training Area North Carolina	Automated Multipurpose Machine Gun Range	8,700	8,700
Army Reserve	Asheville Wisconsin	Army Reserve Center/Land .....	24,000	24,000
Army Reserve	Fort McCoy	Transient Training Barracks .....	0	2,500
Army Reserve	Fort McCoy	Scout Reconnaissance Range .....	14,600	14,600
Army Reserve	Worldwide Unspecified Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,819	3,819
Army Reserve	Unspecified Worldwide Locations	Planning and Design .....	1,218	1,218
<b>SUBTOTAL ARMY RESERVE .....</b>			<b>88,337</b>	<b>90,837</b>
<b>NAVY RESERVE</b>				
Navy Reserve	Maryland Reisterstown	Reserve Training Center, Camp Fretterd, MD	39,500	39,500
Navy Reserve	Minnesota NOSC Minneapolis	Joint Reserve Intel Center .....	0	12,800
Navy Reserve	Utah Hill Air Force Base	Naval Operational Support Center .....	25,010	25,010
Navy Reserve	Worldwide Unspecified Unspecified Worldwide Locations	MCNR Planning & Design .....	3,485	3,485
Navy Reserve	Unspecified Worldwide Locations	MCNR Minor Construction .....	3,000	3,000
<b>SUBTOTAL NAVY RESERVE .....</b>			<b>70,995</b>	<b>83,795</b>
<b>AIR FORCE RESERVE</b>				
Air Force Reserve	Texas Fort Worth	F-35 Squadron Ops / Aircraft Maintenance Unit	0	25,000
Air Force Reserve	Fort Worth	F-35A Simulator Facility .....	14,200	14,200
Air Force Reserve	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design .....	3,270	3,270
Air Force Reserve	Unspecified Worldwide Locations	Unspecified Minor Construction .....	5,647	5,647
<b>SUBTOTAL AIR FORCE RESERVE .....</b>			<b>23,117</b>	<b>48,117</b>
<b>NATO SECURITY INVESTMENT PROGRAM</b>				
NATO Security In- vestment Program	Worldwide Unspecified NATO Security Invest- ment Program	NATO Security Investment Program .....	173,030	173,030
<b>SUBTOTAL NATO SECURITY INVESTMENT PROGRAM .....</b>			<b>173,030</b>	<b>173,030</b>
<b>TOTAL MILITARY CONSTRUCTION .....</b>			<b>6,161,724</b>	<b>6,111,724</b>
<b>FAMILY HOUSING CONSTRUCTION, ARMY</b>				
Construction, Army	Italy Vicenza	Family Housing New Construction .....	84,100	84,100
Construction, Army	Kwajalein Kwajalein Atoll	Family Housing Replacement Construction ....	32,000	32,000
Construction, Army	Worldwide Unspecified Unspecified Worldwide Locations	Family Housing P & D .....	3,300	3,300
<b>SUBTOTAL CONSTRUCTION, ARMY .....</b>			<b>119,400</b>	<b>119,400</b>
<b>O&amp;M, ARMY</b>				
O&M, Army	Worldwide Unspecified Unspecified Worldwide Locations	Management .....	39,716	39,716
O&M, Army	Unspecified Worldwide Locations	Services .....	8,135	8,135
O&M, Army	Unspecified Worldwide Locations	Furnishings .....	18,004	18,004
O&M, Army	Unspecified Worldwide Locations	Miscellaneous .....	526	526
O&M, Army	Unspecified Worldwide Locations	Maintenance .....	97,789	70,789

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O&M, Army	Unspecified Worldwide Locations	Utilities .....	41,183	41,183
O&M, Army	Unspecified Worldwide Locations	Leasing .....	123,841	123,841
O&M, Army	Unspecified Worldwide Locations	Housing Privatization Support .....	37,948	64,948
<b>SUBTOTAL O&amp;M, ARMY .....</b>			<b>367,142</b>	<b>367,142</b>
<b>CONSTRUCTION, NAVY AND MARINE CORPS</b>				
Worldwide Unspecified				
Construction, Navy and Marine Corps	Unspecified Worldwide Locations	USMC DPRI/Guam Planning and Design .....	2,726	2,726
Construction, Navy and Marine Corps	Unspecified Worldwide Locations	Construction Improvements .....	37,043	37,043
Construction, Navy and Marine Corps	Unspecified Worldwide Locations	Planning & Design .....	3,128	3,128
<b>SUBTOTAL CONSTRUCTION, NAVY AND MARINE CORPS .....</b>			<b>42,897</b>	<b>42,897</b>
<b>O&amp;M, NAVY AND MARINE CORPS</b>				
Worldwide Unspecified				
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Utilities .....	58,429	58,429
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Furnishings .....	17,977	17,977
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Management .....	51,006	51,006
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Miscellaneous .....	350	350
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Services .....	16,743	16,743
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Leasing .....	62,658	62,658
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Maintenance .....	85,630	85,630
O&M, Navy and Marine Corps	Unspecified Worldwide Locations	Housing Privatization Support .....	53,700	78,700
<b>SUBTOTAL O&amp;M, NAVY AND MARINE CORPS .....</b>			<b>346,493</b>	<b>371,493</b>
<b>CONSTRUCTION, AIR FORCE</b>				
Worldwide Unspecified				
Construction, Air Force	Unspecified Worldwide Locations	Construction Improvements .....	94,245	94,245
Construction, Air Force	Unspecified Worldwide Locations	Planning & Design .....	2,969	2,969
<b>SUBTOTAL CONSTRUCTION, AIR FORCE .....</b>			<b>97,214</b>	<b>97,214</b>
<b>O&amp;M, AIR FORCE</b>				
Worldwide Unspecified				
O&M, Air Force	Unspecified Worldwide Locations	Housing Privatization .....	23,175	48,175
O&M, Air Force	Unspecified Worldwide Locations	Utilities .....	43,173	43,173
O&M, Air Force	Unspecified Worldwide Locations	Management .....	64,732	64,732
O&M, Air Force	Unspecified Worldwide Locations	Services .....	7,968	7,968
O&M, Air Force	Unspecified Worldwide Locations	Furnishings .....	25,805	25,805
O&M, Air Force	Unspecified Worldwide Locations	Miscellaneous .....	2,184	2,184
O&M, Air Force	Unspecified Worldwide Locations	Leasing .....	9,318	9,318
O&M, Air Force	Unspecified Worldwide Locations	Maintenance .....	140,666	140,666
<b>SUBTOTAL O&amp;M, AIR FORCE .....</b>			<b>317,021</b>	<b>342,021</b>
<b>O&amp;M, DEFENSE-WIDE</b>				
Worldwide Unspecified				
O&M, Defense-Wide	Unspecified Worldwide Locations	Utilities .....	4,100	4,100
O&M, Defense-Wide	Unspecified Worldwide Locations	Furnishings .....	82	82
O&M, Defense-Wide	Unspecified Worldwide Locations	Utilities .....	13	13

<b>SEC. 4601. MILITARY CONSTRUCTION</b> (In Thousands of Dollars)				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
O&M, Defense-Wide	Unspecified Worldwide Locations	Leasing .....	12,996	12,996
O&M, Defense-Wide	Unspecified Worldwide Locations	Maintenance .....	32	32
O&M, Defense-Wide	Unspecified Worldwide Locations	Furnishings .....	645	645
O&M, Defense-Wide	Unspecified Worldwide Locations	Leasing .....	36,860	36,860
<b>SUBTOTAL O&amp;M, DEFENSE-WIDE .....</b>			<b>54,728</b>	<b>54,728</b>
<b>IMPROVEMENT FUND</b>				
Improvement Fund	Worldwide Unspecified Unspecified Worldwide Locations	Administrative Expenses—FHIF .....	5,897	5,897
<b>SUBTOTAL IMPROVEMENT FUND .....</b>			<b>5,897</b>	<b>5,897</b>
<b>UNACCOMP HSG IMPROVEMENT FUND</b>				
Unacomp HSG Improvement Fund	Worldwide Unspecified Unspecified Worldwide Locations	Administrative Expenses—UHIF .....	600	600
<b>SUBTOTAL UNACCOMP HSG IMPROVEMENT FUND .....</b>			<b>600</b>	<b>600</b>
<b>TOTAL FAMILY HOUSING .....</b>			<b>1,351,392</b>	<b>1,401,392</b>
<b>DEFENSE BASE REALIGNMENT AND CLOSURE</b>				
<b>ARMY BRAC</b>				
Army BRAC	Worldwide Unspecified Base Realignment & Closure, Army	Base Realignment and Closure .....	66,060	66,060
<b>SUBTOTAL ARMY BRAC .....</b>			<b>66,060</b>	<b>66,060</b>
<b>NAVY BRAC</b>				
Navy BRAC	Worldwide Unspecified Unspecified Worldwide Locations	Base Realignment & Closure .....	125,165	125,165
<b>SUBTOTAL NAVY BRAC .....</b>			<b>125,165</b>	<b>125,165</b>
<b>AIR FORCE BRAC</b>				
Air Force BRAC	Worldwide Unspecified Unspecified Worldwide Locations	Dod BRAC Activities—Air Force .....	109,222	109,222
<b>SUBTOTAL AIR FORCE BRAC .....</b>			<b>109,222</b>	<b>109,222</b>
<b>TOTAL DEFENSE BASE REALIGNMENT AND CLOSURE .....</b>			<b>300,447</b>	<b>300,447</b>
<b>TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC .....</b>			<b>7,813,563</b>	<b>7,813,563</b>

1 **SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

<b>SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)				
<b>Account</b>	<b>State or Country and Installation</b>	<b>Project Title</b>	<b>FY 2021 Request</b>	<b>Senate Authorized</b>
<b>MILITARY CONSTRUCTION</b>				
<b>ARMY</b>				
Army	Worldwide Unspecified Unspecified Worldwide Locations	EDI: Planning and Design .....	11,903	11,903
Army	Unspecified Worldwide Locations	EDI: Minor Construction .....	3,970	3,970
<b>SUBTOTAL ARMY .....</b>			<b>15,873</b>	<b>15,873</b>
<b>NAVY</b>				
Navy	Spain Rota	EDI: Expeditionary Maintenance Facility .....	27,470	27,470



**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Account	State or Country and Installation	Project Title	FY 2021 Request	Senate Authorized
Navy	Rota	EDI: EOD Boat Shop .....	31,760	31,760
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Planning & Design .....	10,790	10,790
<b>SUBTOTAL NAVY .....</b>			<b>70,020</b>	<b>70,020</b>
<b>AIR FORCE</b>				
	Germany			
Air Force	Ramstein	EDI: Rapid Airfield Damage Repair Storage ....	36,345	36,345
Air Force	Spangdahlem AB	EDI: Rapid Airfield Damage Repair Storage ....	25,824	25,824
	Romania			
Air Force	Campia Turzii	EDI: Dangerous Cargo Pad .....	11,000	11,000
Air Force	Campia Turzii	EDI: POL Increase Capacity .....	32,000	32,000
Air Force	Campia Turzii	EDI: ECAOS DABS-FEV Storage Complex .....	68,000	68,000
Air Force	Campia Turzii	EDI: Parking Apron .....	19,500	19,500
	Worldwide Unspecified			
Air Force	Unspecified Worldwide Locations	EDI: Unspecified Minor Military Construction	16,400	16,400
Air Force	Various Worldwide Locations	EDI: Planning & Design .....	54,800	54,800
<b>SUBTOTAL AIR FORCE .....</b>			<b>263,869</b>	<b>263,869</b>
<b>TOTAL MILITARY CONSTRUCTION .....</b>			<b>349,762</b>	<b>349,762</b>
<b>TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC .....</b>			<b>349,762</b>	<b>349,762</b>

1 **TITLE XLVII—DEPARTMENT OF**  
2 **ENERGY NATIONAL SECURITY**  
3 **PROGRAMS**  
4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
5 **PROGRAMS.**

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

Program	FY 2021 Request	Senate Authorized
<b>Discretionary Summary by Appropriation</b>		
<b>Energy and Water Development and Related Agencies</b>		
<b>Appropriation Summary:</b>		
<b>Energy Programs</b>		
Nuclear energy .....	137,800	137,800
<b>Atomic Energy Defense Activities</b>		
<b>National Nuclear Security Administration:</b>		
Federal Salaries and Expenses .....	454,000	454,000
Weapons activities .....	15,602,000	15,602,000
Defense nuclear nonproliferation .....	2,031,000	2,031,000
Naval reactors .....	1,684,000	1,684,000
<b>Total, National Nuclear Security Administration .....</b>	<b>19,771,000</b>	<b>19,771,000</b>
Defense environmental cleanup .....	4,983,608	5,083,608
Other defense activities .....	1,054,727	904,727
<b>Total, Atomic Energy Defense Activities .....</b>	<b>25,809,335</b>	<b>25,759,335</b>
<b>Total, Discretionary Funding .....</b>	<b>25,947,135</b>	<b>25,897,135</b>

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

Program	FY 2021 Request	Senate Authorized
<b>Nuclear Energy</b>		
Idaho sitewide safeguards and security .....	137,800	137,800
<b>Total, Nuclear Energy</b> .....	<b>137,800</b>	<b>137,800</b>
<b>National Nuclear Security Administration</b>		
<b>Federal Salaries and Expenses</b>		
Program direction .....	454,000	454,000
<b>Weapons Activities</b>		
<b>Stockpile management</b>		
<b>Stockpile major modernization</b>		
B61 Life extension program .....	815,710	815,710
W76 Life extension program .....	0	0
W76-2 Modification program .....	0	0
W88 Alteration program .....	256,922	256,922
W80-4 Life extension program .....	1,000,314	1,000,314
W87-1 Modification Program (formerly IW1) .....	541,000	541,000
W93 .....	53,000	53,000
<b>Total, Stockpile major modernization</b> .....	<b>2,666,946</b>	<b>2,666,946</b>
Stockpile sustainment .....	998,357	998,357
Weapons dismantlement and disposition .....	50,000	50,000
Production operations .....	568,941	568,941
<b>Total, Stockpile management</b> .....	<b>4,284,244</b>	<b>4,284,244</b>
<b>Production modernization</b>		
<b>Primary capability modernization</b>		
<b>Plutonium modernization</b>		
<b>Los Alamos plutonium modernization</b>		
Los Alamos Plutonium Operations .....	610,599	610,599
21-D-512, Plutonium Pit Production Project, LANL .....	226,000	226,000
<b>Subtotal, Los Alamos plutonium modernization</b> .....	<b>836,599</b>	<b>836,599</b>
<b>Savannah River plutonium modernization</b>		
Savannah River plutonium operations .....	200,000	200,000
21-D-511, Savannah River Plutonium Processing Facility, SRS .....	241,896	241,896
<b>Subtotal, Savannah River plutonium modernization</b> .....	<b>441,896</b>	<b>441,896</b>
Enterprise Plutonium Support .....	90,782	90,782
<b>Total, Plutonium Modernization</b> .....	<b>1,369,277</b>	<b>1,369,277</b>
High Explosives & Energetics .....	67,370	67,370
<b>Total, Primary capability modernization</b> .....	<b>1,436,647</b>	<b>1,436,647</b>
Secondary Capability Modernization .....	457,004	457,004
Tritium and Domestic Uranium Enrichment .....	457,112	457,112
Non-Nuclear Capability Modernization .....	107,137	107,137
<b>Total, Production modernization</b> .....	<b>2,457,900</b>	<b>2,457,900</b>
<b>Stockpile research, technology, and engineering</b>		
Assessment science .....	773,111	773,111
Engineering and integrated assessments .....	337,404	337,404
Inertial confinement fusion .....	554,725	554,725
Advanced simulation and computing .....	732,014	732,014
Weapon technology and manufacturing maturation .....	297,965	297,965
Academic programs .....	86,912	86,912
<b>Total, Stockpile research, technology, and engineering</b> .....	<b>2,782,131</b>	<b>2,782,131</b>
<b>Infrastructure and operations</b>		
<b>Operating</b>		
Operations of facilities .....	1,014,000	1,014,000
Safety and Environmental Operations .....	165,354	165,354
Maintenance and Repair of Facilities .....	792,000	792,000
<b>Recapitalization</b>		
Infrastructure and Safety .....	670,000	670,000
Capabilities Based Investments .....	149,117	149,117
Planning for Programmatic Construction (Pre-CD-1) .....	84,787	84,787
<b>Subtotal, Recapitalization</b> .....	<b>903,904</b>	<b>903,904</b>
<b>Total, Operating</b> .....	<b>2,875,258</b>	<b>2,875,258</b>
<b>I&amp;O: Construction</b>		
<b>Programmatic</b>		

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

Program	FY 2021 Request	Senate Authorized
21-D-510, HE Synthesis, Formulation, and Production Facility, PX .....	31,000	31,000
18-D-690, Lithium Processing Facility, Y-12 .....	109,405	109,405
18-D-650, Tritium Finishing Facility, SRS .....	27,000	27,000
18-D-620, Exascale Computing Facility Modernization Project, LLNL .....	29,200	29,200
17-D-640, U1a Complex Enhancements Project, NNSS .....	160,600	160,600
15-D-302, TA-55 Reinvestment Project—Phase 3, LANL .....	30,000	30,000
15-D-301, HE Science & Engineering Facility, PX .....	43,000	43,000
07-D-220-04, Transuranic Liquid Waste Facility, LANL .....	36,687	36,687
06-D-141, Uranium Processing Facility, Y-12 .....	750,000	750,000
04-D-125, Chemistry and Metallurgy Research Replacement Project, LANL .....	169,427	169,427
<b>Total, Programmatic</b> .....	<b>1,386,319</b>	<b>1,386,319</b>
<b>Mission enabling</b>		
19-D-670, 138kV Power Transmission System Replacement, NNSS .....	59,000	59,000
15-D-612, Emergency Operations Center, LLNL .....	27,000	27,000
15-D-611, Emergency Operations Center, SNL .....	36,000	36,000
<b>Total, Mission enabling</b> .....	<b>122,000</b>	<b>122,000</b>
<b>Total, I&amp;O construction</b> .....	<b>1,508,319</b>	<b>1,508,319</b>
<b>Total, Infrastructure and operations</b> .....	<b>4,383,577</b>	<b>4,383,577</b>
<b>Secure transportation asset</b>		
Operations and equipment .....	266,390	266,390
Program direction .....	123,684	123,684
<b>Total, Secure transportation asset</b> .....	<b>390,074</b>	<b>390,074</b>
<b>Defense nuclear security</b>		
Operations and maintenance .....	815,895	815,895
Security improvements program .....	0	0
<b>Construction:</b>		
17-D-710, West end protected area reduction project, Y-12 .....	11,000	11,000
<b>Subtotal, construction</b> .....	<b>11,000</b>	<b>11,000</b>
<b>Total, Defense nuclear security</b> .....	<b>826,895</b>	<b>826,895</b>
<b>Information technology and cybersecurity</b> .....	<b>375,511</b>	375,511
<b>Legacy contractor pensions</b> .....	<b>101,668</b>	101,668
<b>Total, Weapons activities</b> .....	<b>16,056,000</b>	<b>16,056,000</b>
<b>Adjustments</b>		
Use of prior year balances .....	0	0
<b>Total, Adjustments</b> .....	<b>0</b>	<b>0</b>
<b>Total, Weapons Activities</b> .....	<b>15,602,000</b>	<b>15,602,000</b>
<b>Defense Nuclear Nonproliferation</b>		
<b>Defense Nuclear Nonproliferation Programs</b>		
<b>Material management and minimization</b>		
Conversion (formerly HEU Reactor Conversion) .....	170,000	170,000
Nuclear material removal .....	40,000	40,000
Material disposition .....	190,711	190,711
Laboratory and partnership support .....	0	0
<b>Total, Material management &amp; minimization</b> .....	<b>400,711</b>	<b>400,711</b>
Global material security .....	0	0
International nuclear security .....	66,391	66,391
Domestic radiological security .....	101,000	101,000
International radiological security .....	73,340	73,340
Nuclear smuggling detection and deterrence .....	159,749	159,749
<b>Total, Global material security</b> .....	<b>400,480</b>	<b>400,480</b>
Nonproliferation and arms control .....	138,708	138,708
National Technical Nuclear Forensics R&D .....	40,000	40,000
<b>Defense nuclear nonproliferation R&amp;D</b>		
Proliferation detection .....	235,220	235,220
Nonproliferation Stewardship program .....	59,900	59,900
Nuclear detonation detection .....	236,531	236,531
Nonproliferation fuels development .....	0	0
<b>Total, Defense Nuclear Nonproliferation R&amp;D</b> .....	<b>531,651</b>	<b>531,651</b>

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

Program	FY 2021 Request	Senate Authorized
<b>Nonproliferation construction</b>		
<b>U. S. Construction:</b>		
18-D-150 Surplus Plutonium Disposition Project .....	148,589	148,589
99-D-143, Mixed Oxide (MOX) Fuel Fabrication Facility, SRS .....	0	0
<b>Total, U. S. Construction:</b> .....	<b>148,589</b>	<b>148,589</b>
<b>Total, Nonproliferation construction</b> .....	<b>148,589</b>	<b>148,589</b>
<b>Total, Defense Nuclear Nonproliferation Programs</b> .....	<b>1,660,139</b>	<b>1,660,139</b>
Legacy contractor pensions .....	14,348	14,348
<b>Nuclear counterterrorism and incident response program</b>		
Emergency Operations .....	36,000	36,000
Counterterrorism and Counterproliferation .....	341,513	341,513
<b>Total, Nuclear counterterrorism and incident response pro- gram</b> .....	<b>377,513</b>	<b>377,513</b>
<b>Subtotal, Defense Nuclear Nonproliferation</b> .....	<b>2,052,000</b>	<b>2,052,000</b>
<b>Adjustments</b>		
Use of prior year balances .....	-21,000	-21,000
<b>Total, Adjustments</b> .....	<b>-21,000</b>	<b>-21,000</b>
<b>Total, Defense Nuclear Nonproliferation</b> .....	<b>2,031,000</b>	<b>2,031,000</b>
<b>Naval Reactors</b>		
Naval reactors development .....	590,306	590,306
Columbia-Class reactor systems development .....	64,700	64,700
SSG Prototype refueling .....	135,000	135,000
Naval reactors operations and infrastructure .....	506,294	506,294
Program direction .....	53,700	53,700
<b>Construction:</b>		
21-D-530 KL Steam and Condensate Upgrades .....	4,000	4,000
14-D-901, Spent fuel handling recapitalization project, NRF .....	330,000	330,000
<b>Total, Construction</b> .....	<b>334,000</b>	<b>334,000</b>
Transfer to NE—Advanced Test Reactor (non-add) .....	0	0
<b>Total, Naval Reactors</b> .....	<b>1,684,000</b>	<b>1,684,000</b>
<b>TOTAL, National Nuclear Security Administration</b> .....	<b>19,771,000</b>	<b>19,771,000</b>
<b>Defense Environmental Cleanup</b>		
Closure sites administration .....	4,987	4,987
<b>Richland:</b>		
River corridor and other cleanup operations .....	54,949	54,949
Central plateau remediation .....	498,335	498,335
Richland community and regulatory support .....	2,500	2,500
18-D-404 Modification of Waste Encapsulation and Storage Facility .....	0	0
<b>Total, Richland</b> .....	<b>555,784</b>	<b>555,784</b>
<b>Office of River Protection:</b>		
Waste Treatment Immobilization Plant Commissioning .....	50,000	50,000
Rad liquid tank waste stabilization and disposition .....	597,757	597,757
<b>Construction:</b>		
18-D-16 Waste treatment and immobilization plant—LBL/Di- rect feed LAW .....	609,924	609,924
15-D-409 Low activity waste pretreatment system, ORP .....	0	0
01-D-16 D, High-level waste facility .....	0	0
01-D-16 E, Pretreatment Facility .....	0	0
<b>Total, Construction</b> .....	<b>609,924</b>	<b>609,924</b>
ORP Low-level waste offsite disposal .....	0	0
<b>Total, Office of River Protection</b> .....	<b>1,257,681</b>	<b>1,257,681</b>
<b>Idaho National Laboratory:</b>		
Idaho cleanup and waste disposition .....	257,554	257,554
ID Excess facilities R&D .....	0	0
Idaho community and regulatory support .....	2,400	2,400
<b>Total, Idaho National Laboratory</b> .....	<b>259,954</b>	<b>259,954</b>
<b>NNSA sites and Nevada off-sites</b>		
Lawrence Livermore National Laboratory .....	1,764	1,764
LLNL Excess facilities R&D .....	0	0

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

Program	FY 2021 Request	Senate Authorized
Separations Process Research Unit .....	15,000	15,000
Nevada Test Site .....	60,737	60,737
Sandia National Laboratories .....	4,860	4,860
Los Alamos National Laboratory .....	120,000	220,000
Execute achievable scope of work .....		(100,000)
<b>Total, NNSA sites and Nevada off-sites .....</b>	<b>202,361</b>	<b>302,361</b>
<b>Oak Ridge Reservation:</b>		
OR Nuclear facility D & D .....	109,077	109,077
U233 Disposition Program .....	45,000	45,000
OR cleanup and waste disposition .....	58,000	58,000
<b>Construction:</b>		
17-D-401 On-site waste disposal facility .....	22,380	22,380
14-D-403 Outfall 200 Mercury Treatment Facility .....	20,500	20,500
<b>Subtotal, Construction: .....</b>	<b>42,880</b>	<b>42,880</b>
OR community & regulatory support .....	4,930	4,930
OR technology development and deployment .....	3,000	3,000
<b>Total, Oak Ridge Reservation .....</b>	<b>262,887</b>	<b>262,887</b>
<b>Savannah River Site:</b>		
Savannah River risk management operations .....	455,122	455,122
SR community and regulatory support .....	4,989	4,989
<b>Radioactive liquid tank waste:</b>		
<b>Construction:</b>		
20-D-402 Advanced Manufacturing Collaborative Facility (AMC) ...	25,000	25,000
20-D-401 Saltstone Disposal Unit #10, 11, 12 .....	0	0
19-D-701 SR Security system replacement .....	0	0
18-D-402, Saltstone disposal unit #8/9 .....	65,500	65,500
17-D-402—Saltstone Disposal Unit #7 .....	10,716	10,716
05-D-405 Salt waste processing facility, SRS .....	0	0
<b>Total, Construction, Radioactive liquid tank waste .....</b>	<b>101,216</b>	<b>101,216</b>
Radioactive liquid tank waste stabilization .....	970,332	970,332
<b>Total, Savannah River Site .....</b>	<b>1,531,659</b>	<b>1,531,659</b>
<b>Waste Isolation Pilot Plant</b>		
Waste Isolation Pilot Plant .....	323,260	323,260
<b>Construction:</b>		
15-D-411 Safety significant confinement ventilation system, WIPP	0	0
15-D-412 Exhaust shaft, WIPP .....	50,000	50,000
21-D-401 Hoisting Capability Project .....	10,000	10,000
<b>Total, Construction .....</b>	<b>60,000</b>	<b>60,000</b>
<b>Total, Waste Isolation Pilot Plant .....</b>	<b>383,260</b>	<b>383,260</b>
Program direction—Defense Environment Cleanup .....	275,285	275,285
Program support—Defense Environment Cleanup .....	12,979	12,979
Safeguards and Security—Defense Environment Cleanup .....	320,771	320,771
Technology development and deployment .....	25,000	25,000
Use of prior year balances .....	0	0
<b>Subtotal, Defense environmental cleanup .....</b>	<b>5,092,608</b>	<b>5,192,608</b>
<b>Rescission:</b>		
Rescission of prior year balances .....	-109,000	-109,000
<b>TOTAL, Defense Environmental Cleanup .....</b>	<b>4,983,608</b>	<b>5,083,608</b>
<b>Other Defense Activities</b>		
<b>Environment, health, safety and security</b>		
Environment, health, safety and security mission support .....	134,320	134,320
Program direction .....	75,368	75,368
<b>Total, Environment, health, safety and security .....</b>	<b>209,688</b>	<b>209,688</b>
<b>Independent enterprise assessments</b>		
Enterprise assessments .....	26,949	26,949
Program direction—Office of Enterprise Assessments .....	54,635	54,635
<b>Total, Office of Enterprise Assessments .....</b>	<b>81,584</b>	<b>81,584</b>
Specialized security activities .....	258,411	258,411
<b>Office of Legacy Management</b>		
Legacy management activities—defense .....	293,873	143,873

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**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

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Program	FY 2021 Request	Senate Authorized
Maintain current program administration .....		(-150,000)
Program direction .....	23,120	23,120
<b>Total, Office of Legacy Management .....</b>	<b>316,993</b>	<b>166,993</b>
 Defense related administrative support .....	 183,789	 183,789
Office of hearings and appeals .....	4,262	4,262
<b>Subtotal, Other defense activities .....</b>	<b>1,054,727</b>	<b>904,727</b>
Use of prior year balances .....	0	0
<b>Total, Other Defense Activities .....</b>	<b>1,054,727</b>	<b>904,727</b>

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