

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)							
Line	Program Element	Item	FY 2012 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY					
		BASIC RESEARCH					
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	21,064	21,064	21,064		21,064
002	0601102A	DEFENSE RESEARCH SCIENCES	213,942	215,942	213,942		213,942
		Program Increase		[2,000]			
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	80,977	89,977	80,977		80,977
		Clinical Care and Research		[2,000]			
		Program Increase		[7,000]			
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	120,937	105,692	120,937		120,937
		Realignment of Funds for Proper Oversight and Execution		[-15,245]			
		SUBTOTAL BASIC RESEARCH	436,920	432,675	436,920		436,920
		APPLIED RESEARCH					
005	0602105A	MATERIALS TECHNOLOGY	30,258	40,758	30,258		30,258

006	0602120A	Program Increase	43,521	[10,500]	43,521	43,521
		SENSORS AND ELECTRONIC SURVIVABILITY		53,521		
		Program Increase		[10,000]		
007	0602122A	TRACTOR HIP	14,230		14,230	14,230
008	0602211A	AVIATION TECHNOLOGY	44,610		44,610	44,610
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY	15,790		15,790	15,790
010	0602303A	MISSILE TECHNOLOGY	50,685		50,685	50,685
011	0602307A	ADVANCED WEAPONS TECHNOLOGY	20,034		20,034	20,034
012	0602308A	ADVANCED CONCEPTS AND SIMULATION	20,933		20,933	20,933
		Program Increase		[10,000]		
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	64,306		64,306	64,306
014	0602618A	BALLISTICS TECHNOLOGY	59,214		59,214	59,214
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	4,877		4,877	4,877
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	8,244		8,244	8,244
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	39,813		39,813	39,813
		Program Increase		[30,000]		
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	62,962		62,962	62,962
019	0602709A	NIGHT VISION TECHNOLOGY	57,203		57,203	57,203
		Program growth adjustment			-2,000	
		Program Increase				[12,000]
020	0602712A	COUNTERMINE SYSTEMS	20,280		20,280	20,280
		Program Increase		[4,500]		
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	21,801		21,801	21,801
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	20,837		20,837	20,837
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	26,116		26,116	26,116
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	8,591		8,591	8,591
025	0602784A	MILITARY ENGINEERING TECHNOLOGY	80,317		80,317	80,317
		Rotary Wing Surfaces		[6,000]		
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	18,946		18,946	18,946
027	0602786A	WARFIGHTER TECHNOLOGY	29,835		29,835	29,835
028	0602787A	MEDICAL TECHNOLOGY	105,929		105,929	105,929
		Program Increase		[12,968]		

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		SUBTOTAL APPLIED RESEARCH	869,332	965,300	869,332	-2,000	867,332
		ADVANCED TECHNOLOGY DEVELOPMENT					
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	52,979	57,979	52,979		52,979
		Program Increase		[5,000]			
030	0603002A	MEDICAL ADVANCED TECHNOLOGY	68,171	94,171	68,171		68,171
		Program Increase		[23,000]			
		Treatment of Wounded Warriors		[3,000]			
031	0603003A	AVIATION ADVANCED TECHNOLOGY	62,193	89,993	62,193		62,193
		Advanced Rotorcraft Flight Research		[8,000]			
		Program Increase		[19,800]			
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	77,077	82,077	77,077		77,077
		Program Increase		[5,000]			
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	106,145	106,145	106,145		106,145
034	0603006A	COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	5,312	8,312	5,312		5,312
		Communications Advanced Technology		[3,000]			
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	10,298	10,298	10,298		10,298
036	0603008A	ELECTRONIC WARFARE ADVANCED TECHNOLOGY	57,963	57,963	53,963		57,963
		Program Decrease			[-4,000]		
037	0603009A	TRACTOR HIKE	8,155	8,155	8,155		8,155
038	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	17,936	17,936	17,936		17,936
039	0603020A	TRACTOR ROSE	12,597	12,597	12,597		12,597
040	0603105A	MILITARY HIV RESEARCH	6,796	6,796	6,796		6,796
041	0603125A	COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT	12,191	12,191	12,191		12,191
042	0603130A	TRACTOR NAIL	4,278	4,278	4,278		4,278
043	0603131A	TRACTOR EGGS	2,261	2,261	2,261		2,261
044	0603270A	ELECTRONIC WARFARE TECHNOLOGY	23,677	23,677	23,677		23,677

045	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY	90,602	101,152	90,602	90,602	90,602
		Program Increase		[10,550]			
046	0603322A	TRACTOR CAGE	10,315	10,315	10,315	10,315	10,315
047	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	183,150	183,150	183,150	183,150	183,150
048	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	31,541	31,541	31,541	31,541	31,541
049	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	7,686	7,686	7,686	7,686	7,686
050	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	42,414	56,214	42,414	42,414	42,414
		Night Vision Advanced Technology		[4,800]			
		Program Increase		[9,000]			
051	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	15,959	15,959	15,959	15,959	15,959
052	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY	36,516	43,516	36,516	36,516	36,516
		Base Camp Fuel		[2,000]			
		Military Engineering Advanced Technology		[5,000]			
053	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY	30,600	30,600	30,600	30,600	30,600
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	976,812	1,074,962	972,812	976,812	976,812
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES							
055	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION(NON SPACE)	21,126	21,126	9,126	9,126	9,126
		Excess growth and delays			[-12,000]	[-12,000]	
055A	0603XXXA	INDIRECT FIRE PROTECTION	14,883	14,883	14,883	14,883	14,883
056	0603308A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE)	9,612	9,612	9,612	9,612	9,612
058	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	35,383	35,383	19,293	19,293	19,293
		Excess to Army requirement			[-16,090]	[-16,090]	
059	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	9,501	4,501	5,265	4,501	4,501
		Engineering, Modeling and Environmental Studies for SOD and SOM systems – funding unjustified.		[-5,000]			
		Program growth adjustment					
		Projected and Generated Obscuration System unexecutable			[-4,236]		
060	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	39,693	39,693	39,693	39,693	39,693
061	0603653A	ADVANCED TANK ARMAMENT SYSTEM (ATAS)	101,408	101,408	64,408	64,408	64,408
		Program growth adjustment			[-37,000]	[-37,000]	
062	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	9,747	9,747	9,747	9,747	3,843
							[-5,904]

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063	0603766A	Rapid Equipping Force- Lack of baseline requirement	5,766	5,766	5,766	[-5,904]	5,766
065	0603779A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	4,946	12,946	4,946		4,946
		ENVIRONMENTAL QUALITY TECHNOLOGY		[8,000]			
066	0603782A	Army Net Zero Programs	297,955	297,955	182,955	-115,000	182,955
		WARFIGHTER INFORMATION NETWORK-TACTICAL			[-115,000]	[-115,000]	
		Program reduction Increment III					
067	0603790A	NATO RESEARCH AND DEVELOPMENT	4,765	4,765	4,765		4,765
068	0603801A	AVIATION—ADV DEV	7,107	7,107	7,107		7,107
069	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	19,509	19,509	12,509	-7,000	12,509
		Army requested transfer LAMPS to RDTE Army line 109			[-7,000]	[-7,000]	
070	0603805A	COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION AND ANALYSIS	5,258	5,258	5,258		5,258
071	0603807A	MEDICAL SYSTEMS—ADV DEV	34,997	34,997	34,997		34,997
072	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	19,598	19,598	19,598		19,598
073	0603850A	INTEGRATED BROADCAST SERVICE	1,496	1,496	1,496		1,496
074	0604115A	TECHNOLOGY MATURATION INITIATIVES	10,181	10,181	10,181		10,181
075	0604131A	TRACTOR JUTE	15,609				15,609
		Unjustified requirement		[-15,609]			
076	0604284A	JOINT COOPERATIVE TARGET IDENTIFICATION—GROUND (JCTI-G) / TECH- NOLOGY DEVELOPME.	41,652	41,652		-26,600	15,052
077	0305205A	Army offered program reduction	42,892	42,892	[-41,652]	[-26,600]	42,892
		ENDURANCE UAVS			42,892		
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	753,084	740,475	504,497	-224,594	528,490
		SYSTEM DEVELOPMENT & DEMONSTRATION					
078	0604201A	AIRCRAFT AVIONICS	144,687	144,687	119,187	-25,000	119,687
		JTRS AMF delays and JPALS excessive growth			[-25,500]	[-25,000]	
079	0604220A	ARMED, DEPLOYABLE HELOS	166,132	131,132	92,203	-83,690	82,442

080	0604270A	Army offered program reduction	101,265	[-35,000]	[-73,929]	[-83,690]	34,265
		ELECTRONIC WARFARE DEVELOPMENT	101,265	101,265	26,872	-67,000	
		Army offered program reduction			[-74,393]	[-67,000]	
082	0604321A	ALL SOURCE ANALYSIS SYSTEM	17,412	17,412	7,412	-10,000	7,412
		Machine—Foreign Language Translation System contract delay			[-10,000]	[-10,000]	
083	0604328A	TRACTOR CAGE	26,577	26,577	26,577		26,577
084	0604601A	INFANTRY SUPPORT WEAPONS	73,728	76,728	91,474	9,746	83,474
		Army requested transfer from WTCV Army line 17		[3,000]	[46]		
		Portable Helicopter Oxygen Delivery Systems					
		S61—High concurrency of incremental efforts			[16,000]	[-8,000]	
		Transfer at Army request from WTCV line 17			[1,700]	[16,046]	
		Transfer at Army request from WTCV line 20			3,961	[1,700]	
085	0604604A	MEDIUM TACTICAL VEHICLES	3,961	3,961	3,961		3,961
087	0604611A	JAVELIN	17,340	17,340	9,940	-7,400	9,940
		Excess to requirement			[-7,400]	[-7,400]	
088	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	5,478	5,478	5,478		5,478
089	0604633A	AIR TRAFFIC CONTROL	22,922	22,922	22,922		22,922
090	0604642A	LIGHT TACTICAL WHEELED VEHICLES			20,000	20,000	20,000
		Army requested transfer from RDTE line 109			[20,000]	[20,000]	
093	0604661A	FCS SYSTEMS OF SYSTEMS ENGR & PROGRAM MGMT	383,872	383,872	283,872	-85,000	298,872
		Unjustified requirement			[-100,000]	[-85,000]	
095	0604663A	FCS UNMANNED GROUND VEHICLES	143,840	143,840	26,840	-107,840	36,000
		Program adjustment			[-117,000]	[-107,840]	
096	0604664A	FCS UNATTENDED GROUND SENSORS	499	499		-499	0
		Program termination			[-499]	[-499]	
098	0604710A	NIGHT VISION SYSTEMS—SDD	59,265	59,265	59,265		59,265
099	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,075	2,075	2,075		2,075
100	0604715A	NON-SYSTEM TRAINING DEVICES—SDD	30,021	30,021	30,021		30,021
101	0604716A	TERRAIN INFORMATION—SDD	1,596	1,596	1,596		1,596
102	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—SDD	83,010	83,010	83,010		83,010
103	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	28,305	28,305	28,305		28,305
104	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	14,375	14,375	14,375		14,375

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105	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—SDD	15,803	15,803	15,803		15,803
107	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	22,226	22,226	22,226		22,226
108	0604802A	WEAPONS AND MUNITIONS—SDD	13,828	3,828	13,828		13,828
		Program Reduction- Precision Guidance Kit		[-10,000]			
109	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—SDD	251,104	226,104	238,104	-77,793	173,311
		Army request transfer from RDTE line 69			[7,000]	[7,000]	
		Army requested transfer to RDTE Army line 90			[-20,000]	[-20,000]	
		Joint Light Tactical Vehicle Schedule Slip		[-25,000]			
110	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—SDD	137,811	137,811	81,811	[-64,793]	81,811
		Excessive growth Joint Battle Command-Platform			[-56,000]	[-56,000]	
111	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—SDD	27,160	27,160	27,160		27,160
112	0604808A	LANDMINE WARFARE/BARRIER—SDD	87,426	87,426	66,326	-11,100	76,326
		Explosive Hazard Pre-Detonation (EHP) Roller contract delay			[-21,100]	[-11,100]	
113	0604814A	ARTILLERY MUNITIONS	42,627	42,627	35,627	-5,000	37,627
		Program growth adjustment			[-7,000]	[-5,000]	
115	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	123,935	125,935	93,935	-30,000	93,935
		Army Tactical Command and Control Hardware and Software		[2,000]			
		Excessive Growth			[-30,000]	[-30,000]	
116	0604820A	RADAR DEVELOPMENT	2,890	2,890	2,890		2,890
117	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEB)S	794	794	794		794
118	0604823A	FIREFINDER	10,358	10,358	10,358		10,358
119	0604827A	SOLDIER SYSTEMS—WARRIOR DEMVAL	48,309	40,709	55,909	13,100	61,409
		Early to Need- Nett Warrior		[-7,600]			
		Transfer at Army request from OPA line 147			[7,600]	[13,100]	
120	0604854A	ARTILLERY SYSTEMS	120,146	120,146	120,146		120,146
121	0604869A	PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP)	406,605	257,105		-16,605	390,000
		Program Decrease		[-149,500]	[-406,605]	[-16,605]	

122	0604870A	NUCLEAR ARMS CONTROL MONITORING SENSOR NETWORK	7,398	7,398	7,398	7,398	7,398		
123	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	37,098	37,098	32,098	32,098	-5,000		32,098
		Unjustified cost growth			[-5,000]				
124	0605018A	ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (A-IMHRS)	68,693	68,693	68,693	68,693			68,693
125	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	127,095	127,095	127,095	127,095			127,095
126	0605455A	SLAMRAAM	19,931	19,931	1,531	1,531	-18,400		1,531
		Excess to program termination requirements			[-18,400]				
127	0605456A	PAC-3/MSE MISSILE	88,993	88,993	88,993	88,993			88,993
128	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	270,607	270,607	270,607	270,607			270,607
129	0605625A	MANNED GROUND VEHICLE	884,387	884,387	884,387	884,387			449,387
		Excessive Technology Ramp-up prior to completion of Analysis of Alternatives					-435,000		
		terminatives.					[-435,000]		
130	0605626A	AERIAL COMMON SENSOR	31,465	31,465					31,465
		Program termination			[-31,465]				
131	0303032A	TROJAN—RH12	3,920	3,920	3,920	3,920			3,920
132	0304270A	ELECTRONIC WARFARE DEVELOPMENT	13,819	13,819	13,819	13,819			13,819
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	4,190,788	3,968,688	3,238,843	3,238,843	-998,481		3,192,307
		ROT&E MANAGEMENT SUPPORT							
133	0604256A	THREAT SIMULATOR DEVELOPMENT	16,992	16,992	16,992	16,992			16,992
134	0604258A	TARGET SYSTEMS DEVELOPMENT	11,247	11,247	11,247	11,247			11,247
135	0604759A	MAJOR T&E INVESTMENT	49,437	49,437	49,437	49,437			49,437
136	0605103A	RAND ARROYO CENTER	20,384	20,384	20,384	20,384			20,384
137	0605301A	ARMY KWAJALEIN ATOLL	145,606	145,606	145,606	145,606			145,606
138	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	28,800	28,800	28,800	28,800			28,800
139	0605502A	SMALL BUSINESS INNOVATIVE RESEARCH		5,000					0
		Small Business Innovative Research		[5,000]					
140	0605601A	ARMY TEST RANGES AND FACILITIES	262,456	362,456	312,456	312,456	50,000		312,456
		Program Increase		[100,000]	[50,000]				
141	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	70,227	70,227	70,227	70,227			70,227
142	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	43,483	43,483	43,483	43,483			43,483
143	0605605A	DOD HIGH ENERGY LASER TEST FACILITY	18	18	18	18			18

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144	0605606A	AIRCRAFT CERTIFICATION	5,630	5,630	5,630		5,630
145	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	7,182	7,182	7,182		7,182
146	0605706A	MATERIEL SYSTEMS ANALYSIS	19,669	19,669	19,669		19,669
147	0605709A	EXPLOITATION OF FOREIGN ITEMS	5,445	5,445	5,445		5,445
148	0605712A	SUPPORT OF OPERATIONAL TESTING	68,786	68,786	68,786		68,786
149	0605716A	ARMY EVALUATION CENTER	63,302	63,302	63,302		63,302
150	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	3,420	3,420	3,420		3,420
151	0605801A	PROGRAMWIDE ACTIVITIES	83,054	83,054	83,054		83,054
152	0605803A	TECHNICAL INFORMATION ACTIVITIES	63,872	58,872	63,872	-5,000	58,872
		Program Reduction		[-5,000]			
153	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	57,142	62,142	57,142		57,142
		Program Increase		[5,000]			
154	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	4,961	4,961	4,961		4,961
155	0605898A	MANAGEMENT HQ—R&D	17,558	17,558	17,558		17,558
		SUBTOTAL RDT&E MANAGEMENT SUPPORT	1,048,671	1,153,671	1,098,671	45,000	1,093,671
OPERATIONAL SYSTEMS DEVELOPMENT							
158	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	66,641	66,641	66,641		66,641
159	0603820A	WEAPONS CAPABILITY MODIFICATIONS UAV	24,142		7,500	-16,642	7,500
		Excess funds only to the analysis of alternatives		[-24,142]	[-16,642]		
160	0102419A	AEROSTAT JOINT PROJECT OFFICE	344,655	323,655	327,855	-16,800	327,855
		Excess program growth		[-21,000]	[-16,800]		
162	0203726A	ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	29,546	29,546	29,546		29,546
163	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	53,307	78,307	53,307		36,207
		AMPV					
		Program Increase		[25,000]			
164	0203740A	MANEUVER CONTROL SYSTEM	65,002	65,002	42,414	-22,588	42,414

165	0203744A	Unjustified program growth	163,205	[-2,588]	149,705	[-22,588]	149,705
		AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS			149,705	-13,500	
		Excess funds to Black Hawk Recapitalization/Modernization for analysis of alternatives.			[-13,500]	[-13,500]	
166	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	823	823	823		823
167	0203758A	DIGITIZATION	8,029	8,029	8,029		8,029
169	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	44,560	59,060	59,060	10,000	54,560
		Transfer at Army Request from MPA line 13	[14,500]	[14,500]	[14,500]	[10,000]	
171	0203808A	TRACTOR CARD	42,554	42,554	42,554		42,554
172	0208053A	JOINT TACTICAL GROUND SYSTEM	27,630	27,630	27,630		27,630
173	0208058A	JOINT HIGH SPEED VESSEL (JHSV)	3,044	3,044	3,044		3,044
175	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	2,854	2,854	2,854		2,854
176	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	61,220	58,720	58,720		61,220
		Army offered program reduction		[-2,500]	[-2,500]		
177	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	100,505	160,745	160,745	60,240	160,745
		Army requested transfer for AESIP from OPA line 116		[13,000]	[13,000]		
		Army requested transfer for GCSS-Army from OPA line 116		[47,240]	[47,240]		
178	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	12,104	12,104	12,104		12,104
179	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	23,937	23,937	23,937		23,937
181	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	40,650	40,650	26,550	-14,100	26,550
		Contract award delays		[-14,100]	[-14,100]		
182	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	44,198	44,198	31,699	-12,499	31,699
		Unjustified requirements growth		[-12,499]	[-12,499]		
183	0305219A	MQ-1 SKY WARRIOR A UAV	137,038	137,038	122,038	-15,000	122,038
		Excessive growth		[-15,000]	[-15,000]		
184	0305232A	RQ-11 UAV	1,938	1,938	1,938		1,938
185	0305233A	RQ-7 UAV	31,940	31,940	31,940		31,940
187	0307665A	BIOMETRICS ENABLED INTELLIGENCE	15,018	15,018	15,018		15,018
188	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	59,297	66,297	59,297		59,297
		End Item Industrial Preparedness Activities	[7,000]	[7,000]			
188A	9999999999	CLASSIFIED PROGRAMS	4,536	4,536	4,536		4,536
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	1,408,373	1,409,731	1,369,484	-57,989	1,350,384

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

Line	Program Element	Item	FY 2012 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY	9,683,980	9,745,502	8,490,559	-1,238,064	8,445,916
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY					
		BASIC RESEARCH					
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	113,157	123,157	113,157		113,157
		Program Increase		[10,000]			
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	18,092	18,092	18,092		18,092
003	0601153N	DEFENSE RESEARCH SCIENCES	446,123	450,623	446,123		446,123
		Program Increase		[2,500]			
		Study of Renewable and Alternative Energy Applications in the Pacific Region.		[2,000]			
		SUBTOTAL BASIC RESEARCH	577,372	591,872	577,372		577,372
		APPLIED RESEARCH					
004	0602114N	POWER PROJECTION APPLIED RESEARCH	104,804	104,804	64,804		104,804
		Program Decrease- Electromagnetic railgun			[-10,000]		
		Program Decrease- Free Electron Laser			[-30,000]		
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	156,901	158,901	156,901		156,901
		Alternative Energy for Mobile Power Applications		[2,000]			
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	44,845	47,845	44,845		44,845
		Marine Corps Landing Force Technology		[3,000]			
008	0602235N	COMMON PICTURE APPLIED RESEARCH	65,448	65,448	65,448		65,448
009	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	101,205	103,705	101,205		101,205
		Warfighter Sustainment Applied Research		[2,500]			
010	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	108,329	108,329	108,329		108,329
011	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	50,076	50,076	50,076		50,076

012	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	5,937	5,937	5,937	5,937	5,937
013	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	108,666	108,666	108,666	108,666	108,666
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	37,583	45,583	37,583	37,583	37,583
		Mine and Expeditionary Warfare Applied Research		[8,000]			
		SUBTOTAL APPLIED RESEARCH	783,794	799,294	743,794	783,794	783,794
ADVANCED TECHNOLOGY DEVELOPMENT							
015	0603114N	POWER PROJECTION ADVANCED TECHNOLOGY	114,270	114,270	59,370	114,270	114,270
		Program Decrease- Electromagnetic railgun			[-16,900]		
		Underexecution—Navy recommendation			[-38,000]		
016	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	64,057	71,157	45,234	45,234	45,234
		Advanced Battery Technologies		[2,000]			
		Excess MRMUAS funding		[5,100]			[-18,823]
		Lightweight Body Armor					
		Transfer MRMUAS to line 220					
017	0603235N	COMMON PICTURE ADVANCED TECHNOLOGY	49,068	49,068	49,068	49,068	49,068
018	0603236N	WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY	71,232	71,232	71,232	71,232	71,232
019	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	102,535	102,535	102,535	102,535	102,535
020	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	124,324	124,324	124,324	124,324	124,324
021	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	11,286	11,286	11,286	11,286	11,286
022	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	18,119	18,119	18,119	18,119	18,119
023	0603747N	UNDERSEA WARFARE ADVANCED TECHNOLOGY	37,121	37,121	37,121	37,121	37,121
024	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	50,157	50,157	50,157	50,157	50,157
025	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	6,048	6,048	6,048	6,048	6,048
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	648,217	655,317	574,494	629,394	629,394
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES							
026	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	94,972	94,972	73,672	84,972	84,972
		JMAPS unjustified request			[-21,300]		
027	0603216N	AVIATION SURVIVABILITY	10,893	10,893	10,893	10,893	10,893
028	0603237N	DEPLOYABLE JOINT COMMAND AND CONTROL	3,702	3,702	3,702	3,702	3,702
029	0603251N	AIRCRAFT SYSTEMS	10,497	10,497	10,497	10,497	10,497

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Line	Program Element	Item	FY 2012 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
030	0603254N	ASW SYSTEMS DEVELOPMENT	7,915	7,915	7,915		7,915
031	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	5,978	5,978	5,978		5,978
032	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	1,418	1,418	1,418		1,418
033	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	142,657	142,657	142,657	-14,900	127,757
		Program execution				[-8,900]	
		UUV program delay				[-6,000]	
034	0603506N	SURFACE SHIP TORPEDO DEFENSE	118,764	118,764	118,764		118,764
035	0603512N	CARRIER SYSTEMS DEVELOPMENT	54,072	54,072	54,072		54,072
037	0603525N	PILOT FISH	96,012	96,012	96,012		96,012
038	0603527N	RETRACT LARCH	73,421	73,421	73,421		73,421
039	0603536N	RETRACT JUNIPER	130,267	130,267	130,267		130,267
040	0603542N	RADIOLOGICAL CONTROL	1,338	1,338	1,338		1,338
041	0603553N	SURFACE ASW	29,797	33,297	29,797		29,797
		Surface Anti-Submarine Warfare		[3,500]			
042	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	856,326	865,326	856,326		856,326
		Program Increase		[9,000]			
043	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	9,253	9,253	9,253		9,253
044	0603563N	SHIP CONCEPT ADVANCED DESIGN	14,308	14,308	14,308		14,308
045	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	22,213	42,113	22,213		22,213
		Ship Preliminary Design and Feasibility Studies		[19,900]			
046	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	463,683	463,683	463,683		463,683
047	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	18,249	28,249	18,249		18,249
		Program Increase		[10,000]			
048	0603576N	CHALK EAGLE	584,159	584,159	584,159		584,159
049	0603581N	LITTORAL COMBAT SHIP (LCS)	286,784	286,784	282,784	-4,000	282,784
		Defer development of Irregular Warfare mission package			[-4,000]		
050	0603582N	COMBAT SYSTEM INTEGRATION	34,157	34,157	34,157		34,157

051	0603609N	CONVENTIONAL MUNITIONS	4,753	4,753	4,753	4,753
052	0603611M	MARINE CORPS ASSAULT VEHICLES	12,000	12,000	12,000	12,000
053	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	79,858	54,858	79,858	-24,877
		Joint Light Tactical Vehicle Schedule Slip		[-25,000]		[-24,877]
054	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	33,654	33,654	33,654	33,654
055	0603658N	COOPERATIVE ENGAGEMENT	54,783	54,783	54,783	54,783
056	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	9,996	9,996	9,996	9,996
057	0603721N	ENVIRONMENTAL PROTECTION	21,714	21,714	21,714	21,714
058	0603724N	NAVY ENERGY PROGRAM	70,538	70,538	70,538	70,538
059	0603725N	FACILITIES IMPROVEMENT	3,754	3,754	3,754	3,754
060	0603734N	CHALK CORAL	79,415	79,415	79,415	79,415
061	0603739N	NAVY LOGISTIC PRODUCTIVITY	4,137	4,137	4,137	4,137
062	0603746N	RETRACT MAPLE	276,383	276,383	276,383	276,383
063	0603748N	LINK PLUMERIA	52,721	52,721	52,721	52,721
064	0603751N	RETRACT ELM	160,964	160,964	160,964	-10,000
		Classified adjustment				[-10,000]
066	0603764N	LINK EVERGREEN	144,985	144,985	144,985	144,985
067	0603787N	SPECIAL PROCESSES	43,704	43,704	43,704	43,704
068	0603790N	NATO RESEARCH AND DEVELOPMENT	9,140	9,140	9,140	9,140
069	0603795N	LAND ATTACK TECHNOLOGY	421	421	421	421
070	0603851M	NONLETHAL WEAPONS	40,992	40,992	40,992	40,992
071	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS	121,455	121,455	121,455	-3,200
		Excess management services funding				[-3,200]
075	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIROM)	64,107	64,107	64,107	64,107
076	0604279N	ASE SELF-PROTECTION OPTIMIZATION	711	711	711	711
077	0604653N	JOINT COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE (JCREW)	62,044	62,044	62,044	62,044
078	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	22,665	4,465	4,450	-19,215
		Excess support funding				[-1,000]
		FMU-164 fuze program termination				[-18,215]
079	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT	33,621	33,621	33,621	33,621
080	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	1,078	1,078	1,078	1,078

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082	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	625	625	625		625
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	4,481,053	4,480,253	4,437,538	-86,192	4,394,861
		SYSTEM DEVELOPMENT & DEMONSTRATION					
083	0604212N	OTHER HELO DEVELOPMENT	35,651	35,651	42,651	7,000	42,651
		Navy requested transfer from line 98 for VH-3/VH-60 sustainment			[7,000]	[7,000]	
084	0604214N	AV-8B AIRCRAFT—ENG DEV	30,676	30,676	30,676		30,676
085	0604215N	STANDARDS DEVELOPMENT	51,191	51,191	51,191	-1,700	49,491
		Collision avoidance safety program delay				[-1,700]	
086	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	17,673	17,673	17,673		17,673
087	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING	5,922	5,922	5,922		5,922
088	0604221N	P-3 MODERNIZATION PROGRAM	3,417	3,417	3,417		3,417
089	0604230N	WARFARE SUPPORT SYSTEM	9,944	9,944	9,944		9,944
090	0604231N	TACTICAL COMMAND SYSTEM	81,257	81,257	77,257	-4,000	77,257
		NTCSS—reduce program growth			[-4,000]	[-4,000]	
091	0604234N	ADVANCED HAWKEYE	110,994	110,994	110,994		110,994
092	0604245N	H-1 UPGRADES	72,569	72,569	72,569	-5,000	67,569
		Development support funding growth				[-5,000]	
093	0604261N	ACOUSTIC SEARCH SENSORS	56,509	56,509	56,509		56,509
		High Altitude ASW program delay				-7,611	48,898
		Management services funding growth				[-1,611]	
		Management services funding growth				[-6,000]	
094	0604262N	V-22A	84,477	84,477	84,477		84,477
095	0604264N	AIR CREW SYSTEMS DEVELOPMENT	3,249	3,249	3,249		3,249
096	0604269N	EA-18	17,100	17,100	17,100		17,100
097	0604270N	ELECTRONIC WARFARE DEVELOPMENT	89,418	89,418	89,418		89,418
098	0604273N	VH-71A EXECUTIVE HELO DEVELOPMENT	180,070	180,070	60,770	-119,300	60,770
		Early to need				[-76,300]	

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118	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	32,592	32,592	32,592		32,592
119	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	9,960	9,960	9,960		9,960
120	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	12,992	12,992	12,992		12,992
121	0604727N	JOINT STANDOFF WEAPON SYSTEMS	7,506	7,506	7,506		7,506
122	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	71,222	71,222	71,222		71,222
123	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	6,631	6,631	6,631		6,631
124	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	184,095	184,095	184,095		184,095
125	0604761N	INTELLIGENCE ENGINEERING	2,217	2,217	2,217		2,217
126	0604771N	MEDICAL DEVELOPMENT	12,984	12,984	12,984		12,984
127	0604777N	NAVIGATION/ID SYSTEM	50,178	50,178	50,178		39,378
		Mode 5 program delay				-10,800	
		Block IV development ahead of need				[-10,800]	
128	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	670,723	670,723	651,786	-18,937	651,786
		Block IV development ahead of need				[-18,937]	
129	0604800N	JOINT STRIKE FIGHTER (JSF)	677,486	677,486	658,549	-18,937	658,549
		Block IV development ahead of need				[-18,937]	
130	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	27,461	27,461	19,461	-8,000	19,461
		Program underexecution				[-8,000]	
131	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	58,764	58,764	29,764	-29,000	29,764
		Reduction to fourth quarter contract awards				[-29,000]	
132	0605018N	NAVY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (N-IMHRS)	55,050	55,050	55,050		55,050
133	0605212N	CH-53K RDTE	629,461	629,461	629,461		624,461
		Management services funding growth				-5,000	
135	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM)	118,395	118,395	118,395		108,395
		Program delay				[-10,000]	
136	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	622,713	622,713	608,713	-14,000	608,713
		Increment 3—development ahead of need				[-14,000]	
138	0204202N	DDG-1000	261,604	261,604	261,604		257,604
						-4,000	

139	0304231N	Government technical services growth	979	979	979	979	979	979
141	0304785N	TACTICAL COMMAND SYSTEM—MIP	31,740	31,740	31,740	31,740	31,740	31,740
		TACTICAL CRYPTOLOGIC SYSTEMS						
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	6,475,528	6,485,528	5,959,434	6,485,528	5,959,434	6,086,873
								-388,655
								[-4,000]
		RD&E MANAGEMENT SUPPORT						
142	0604256N	THREAT SIMULATOR DEVELOPMENT	28,318	28,318	28,318	28,318	28,318	28,318
143	0604258N	TARGET SYSTEMS DEVELOPMENT	44,700	44,700	44,700	44,700	44,700	44,700
144	0604759N	MAJOR T&E INVESTMENT	37,957	37,957	37,957	37,957	37,957	37,957
145	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	2,970	2,970	2,970	2,970	2,970	2,970
146	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	23,454	23,454	17,454	17,454	17,454	17,454
		Reduction to growth			[-6,000]			[-6,000]
147	0605154N	CENTER FOR NAVAL ANALYSES	47,127	47,127	47,127	47,127	47,127	47,127
148	0605502N	SMALL BUSINESS INNOVATIVE RESEARCH	10	10	10	10	10	10
149	0605804N	TECHNICAL INFORMATION SERVICES	571	571	571	571	571	571
150	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	68,301	68,301	58,301	58,301	58,301	58,301
		OASUW--defer new start			[-10,000]			[-10,000]
151	0605856N	STRATEGIC TECHNICAL SUPPORT	3,277	3,277	3,277	3,277	3,277	3,277
152	0605861N	RD&E SCIENCE AND TECHNOLOGY MANAGEMENT	73,917	73,917	73,917	73,917	73,917	73,917
153	0605863N	RD&E SHIP AND AIRCRAFT SUPPORT	136,531	136,531	136,531	136,531	136,531	136,531
154	0605864N	TEST AND EVALUATION SUPPORT	335,367	335,367	335,367	335,367	335,367	335,367
155	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	16,634	16,634	16,634	16,634	16,634	16,634
156	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	4,228	4,228	4,228	4,228	4,228	4,228
157	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	7,642	7,642	7,642	7,642	7,642	7,642
158	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	25,655	25,655	25,655	25,655	25,655	25,655
159	0305885N	TACTICAL CRYPTOLOGIC ACTIVITIES	2,764	2,764	2,764	2,764	2,764	2,764
		SUBTOTAL RD&E MANAGEMENT SUPPORT	859,423	859,423	843,423	859,423	843,423	-16,000
		OPERATIONAL SYSTEMS DEVELOPMENT						
164	0604402N	UNMANNED COMBAT AIR VEHICLE (UCAV) ADVANCED COMPONENT AND PROTOTYPE DEVELOPMENT	198,298	198,298	198,298	198,298	198,298	198,298
165	0604717M	MARINE CORPS COMBAT SERVICES SUPPORT	400	400	400	400	400	400

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166	0604766M	MARINE CORPS DATA SYSTEMS	1,650	1,650	1,650		1,650
167	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	88,873	88,873	88,873		88,873
168	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	33,553	33,553	33,553		33,553
169	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	6,360	6,360	6,360		6,360
170	0101402N	NAVY STRATEGIC COMMUNICATIONS	23,208	23,208	23,208		23,208
171	0203761N	RAPID TECHNOLOGY TRANSITION (RTI)	30,021	30,021	30,021		30,021
172	0204136N	F/A-18 SQUADRONS	151,030	151,030	151,030	-5,869	145,161
		Radar upgrade program delay				[-5,869]	
173	0204152N	E-2 SQUADRONS	6,696	6,696	6,696		6,696
174	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL)	1,739	1,739	1,739		1,739
175	0204228N	SURFACE SUPPORT	3,377	3,377	3,377		3,377
176	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	8,819	8,819	8,819		8,819
177	0204311N	INTEGRATED SURVEILLANCE SYSTEM	21,259	21,259	21,259		21,259
178	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT)	5,214	5,214	5,214		5,214
179	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	42,244	42,244	42,244		42,244
180	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,447	1,447	1,447		1,447
181	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	18,142	18,142	18,142		18,142
182	0205601N	HARM IMPROVEMENT	11,147	11,147	11,147		11,147
183	0205604N	TACTICAL DATA LINKS	69,224	69,224	69,224		69,224
184	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	22,010	22,010	22,010		22,010
185	0205632N	MK-48 ADCAP	39,288	39,288	39,288		39,288
186	0205633N	AVIATION IMPROVEMENTS	123,012	110,412	123,012	-22,589	100,423
		Cancelation of Multi-Purpose Bomb Racks Program		[-22,600]			
		Electrophotonic Component Capability Development		[10,000]			
187	0205658N	NAVY SCIENCE ASSISTANCE PROGRAM	1,957	1,957	1,957		1,957
188	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	82,705	82,705	82,705		82,705
189	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	320,864	320,864	320,864		320,864

190	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	209,396	209,396	184,396	-25,000	184,396
		Amphibious Combat Vehicle (non-add)					
		Excess funds for Marine Personnel Carrier & AAV Upgrade					
191	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	45,172	45,172	[-25,000]	[-25,000]	27,072
		Program execution					
192	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	14,101	14,101	14,101		14,101
193	0207161N	TACTICAL AIM MISSILES	8,765	8,765	8,765		8,765
194	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	2,913	2,913	2,913		2,913
195	0208058N	JOINT HIGH SPEED VESSEL (JHSV)	4,108	4,108	4,108		4,108
200	0303109N	SATELLITE COMMUNICATIONS (SPACE)	263,712	263,712	263,712		263,712
201	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES)	12,906	12,906	24,906	12,000	24,906
		Transfer from CANES (OPN 68) per USN request			[12,000]	[12,000]	
202	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	25,229	25,229	25,229		25,229
203	0303150M	WMMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	1,250	1,250	1,250		1,250
204	0303238N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES)—MIP	6,602	6,602	6,602		6,602
206	0305149N	COBRA JUDY	40,605	40,605	40,605		40,605
207	0305160N	NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC)	904	904	904		904
208	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	4,099	4,099	4,099		4,099
209	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	9,353	19,353	9,353		9,353
		TACAIR-Launched UAS Capability Development		[10,000]			
210	0305206N	AIRBORNE RECONNAISSANCE SYSTEMS	3,000	3,000	3,000		0
		Program Increase		[3,000]			
212	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	23,785	23,785	23,785		23,785
213	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	25,487	25,487	25,487		25,487
214	0305220N	RQ-4 UAV	548,482	548,482	548,482		548,482
215	0305231N	MQ-8 UAV	108,248	108,248	3,648		108,248
		ECP for SOCOM urgent needs statement—transfer to Title XV		[-104,600]			
216	0305232M	RQ-11 UAV	979	979	979		979
217	0305233N	RQ-7 UAV	872	872	872		872
219	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	22,698	22,698	22,698		21,398
		Excess support funding					
220	0305237N	MEDIUM RANGE MARITIME UAS	15,000	15,000	33,823	-1,300	15,000
		Program Increase					
		ECP for SOCOM urgent needs statement—transfer to Title XV					
		Excess support funding					
		MEDIUM RANGE MARITIME UAS					

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221	0305239M	Transfer from line 16			[18,823]		
		RQ-21A	26,301	26,301	21,301	-2,100	24,201
		Program delays			[-5,000]	[-2,100]	
223	0308601N	MODELING AND SIMULATION SUPPORT	8,292	8,292	8,292		8,292
224	0702207N	DEPOT MAINTENANCE (NON-IF)	21,609	21,609	21,609		21,609
226	0708011N	INDUSTRIAL PREPAREDNESS	54,031	59,031	54,031		54,031
		Industrial Preparedness		[5,000]			
227	0708730N	MARITIME TECHNOLOGY (MARITECH)	5,000	5,000	5,000		5,000
227A	9999999999	CLASSIFIED PROGRAMS	1,308,608	1,308,608	1,306,945	-1,663	1,306,945
		Classified Adjustment			[-1,663]		
		Aviation Component Development		[10,000]			
		Program Decrease		[-20,000]			
		UAS Development		[10,000]			
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	4,131,044	4,136,444	4,025,604	-64,621	4,066,423
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	17,956,431	18,008,131	17,161,659	-574,291	17,382,140
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF					
		BASIC RESEARCH					
001	0601102F	DEFENSE RESEARCH SCIENCES	364,328	364,328	364,328		364,328
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	140,273	147,273	140,273		140,273
		Program Increase		[7,000]			
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	14,258	14,258	14,258		14,258
		SUBTOTAL BASIC RESEARCH	518,859	525,859	518,859		518,859
		APPLIED RESEARCH					
004	0602102F	MATERIALS	136,230	136,230	136,230		136,230

005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	147,628	147,628	147,628	147,628	147,628
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	86,663	86,663	86,663	86,663	86,663
		Program Increase		[2,200]			
007	0602203F	AEROSPACE PROPULSION	207,508	209,508	207,508	207,508	207,508
		Program Increase		[2,000]			
008	0602204F	AEROSPACE SENSORS	134,787	134,787	134,787	134,787	134,787
009	0602601F	SPACE TECHNOLOGY	115,285	118,285	115,285	115,285	115,285
		Program Increase		[3,000]			
010	0602602F	CONVENTIONAL MUNITIONS	60,692	60,692	60,692	60,692	60,692
011	0602605F	DIRECTED ENERGY TECHNOLOGY	111,156	111,156	111,156	111,156	111,156
012	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	127,866	127,866	127,866	127,866	127,866
013	0602890F	HIGH ENERGY LASER RESEARCH	54,059	54,059	54,059	54,059	54,059
		SUBTOTAL APPLIED RESEARCH	1,181,874	1,189,074	1,181,874	1,181,874	1,181,874

ADVANCED TECHNOLOGY DEVELOPMENT							
014	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	39,738	49,738	49,738	49,738	48,238
		Program Increase—Metals Affordability Initiative		[10,000]		[8,500]	
015	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	5,780	5,780	5,780	5,780	5,780
016	0603203F	ADVANCED AEROSPACE SENSORS	53,075	53,075	53,075	53,075	53,075
017	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	67,474	67,474	67,474	67,474	67,474
018A	0603XXXF	FUELS	6,770	6,770	6,770	6,770	6,770
018B	0603XXXF	POWER TECHNOLOGY	5,747	5,747	5,747	5,747	5,747
018C	0603XXXF	PROPULSION	80,833	80,833	80,833	80,833	80,833
018D	0603XXXF	ROCKET PROPULSION	27,603	27,603	27,603	27,603	27,603
019	0603270F	ELECTRONIC COMBAT TECHNOLOGY	22,268	22,268	22,268	22,268	22,268
020	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	74,636	74,636	74,636	74,636	74,636
021	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	13,555	13,555	13,555	13,555	13,555
022	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT	25,319	25,319	25,319	25,319	25,319
023	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	54,042	54,042	34,042	34,042	45,542
		High Velocity Penetrating Weapon—ahead of need		[-20,000]		[-8,500]	
024	0603605F	ADVANCED WEAPONS TECHNOLOGY	28,683	28,683	28,683	28,683	28,683
025	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	40,103	40,103	40,103	40,103	40,103

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026	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION	38,656	42,656	38,656		38,656
		Program increase		[4,000]			
027	0603924F	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	1,122	1,122	1,122		1,122
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	585,404	599,404	575,404		585,404
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
028	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	4,013	4,013	4,013		4,013
029	0603287F	PHYSICAL SECURITY EQUIPMENT	3,586	3,586	3,586		3,586
031	0603430F	ADVANCED EHF MILSATCOM (SPACE)	421,687	279,487	421,687	-20,000	401,687
		Excess to need—poor justification				[-20,000]	
		Transfer to RDAF—49		[-142,200]			
032	0603432F	POLAR MILSATCOM (SPACE)	122,991	122,991	122,991	-20,000	102,991
		Development schedule delay				[-20,000]	
033	0603438F	SPACE CONTROL TECHNOLOGY	45,755	45,755	45,755		45,755
034	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	38,496	38,496	38,496		38,496
035	0603790F	NATO RESEARCH AND DEVELOPMENT	4,424	4,424	4,424		4,424
036	0603791F	INTERNATIONAL SPACE COOPERATIVE R&D	642	642	642		642
037	0603830F	SPACE PROTECTION PROGRAM (SPP)	9,819	9,819	9,819	-2,500	7,319
		Excess to need				[-2,500]	
038	0603850F	INTEGRATED BROADCAST SERVICE	20,046	20,046	20,046		20,046
039	0603851F	INTERCONTINENTAL BALLISTIC MISSILE (CBM)	67,202	87,202	72,202	2,500	69,702
		Program increase		[20,000]	[-15,000]		
040	0603854F	WIDEBAND GLOBAL SATCOM RDT&E (SPACE)	12,804	12,804	12,804		12,804
041	0603859F	POLLUTION PREVENTION	2,075	2,075	2,075		2,075
042	0603860F	JOINT PRECISION APPROACH AND LANDING SYSTEMS	20,112	20,112	20,112		20,112
043	0604015F	NEXT GENERATION BOMBER	197,023	197,023	197,023		197,023

044	0604283F	BATTLE MGMT COM & CTRL SENSOR DEVELOPMENT	60,250	60,250	31,250	-29,000	31,250
		3DELRR Contract Delays			[-29,000]		
045	0604317F	TECHNOLOGY TRANSFER	2,553	11,553	2,553		2,553
		Program Increase		[9,000]			
046	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM ..	38,248	38,248	38,248	-5,000	33,248
		Program reduction				[-5,000]	
047	0604330F	JOINT DUAL ROLE AIR DOMINANCE MISSILE	29,759	29,759	29,759		29,759
048	0604337F	REQUIREMENTS ANALYSIS AND MATURATION	24,217	24,217	24,217		24,217
049	0604436F	NEXT-GENERATION MILSATCOM TECHNOLOGY DEVELOPMENT		142,200			0
		Transfer from RDAF-031		[142,200]			
050	0604635F	GROUND ATTACK WEAPONS FUZE DEVELOPMENT	24,467	24,467	24,467		24,467
053	0604857F	OPERATIONALLY RESPONSIVE SPACE	86,543	106,543	86,543		86,543
		Program Increase		[20,000]			
054	0604858F	TECH TRANSITION PROGRAM	2,773	2,773	2,773		2,773
055	0305178F	NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATELLITE SYS- TEM (NPOESS)	444,900	444,900	444,900	-401,900	43,000
		DWSS program termination				[-444,900]	
		Termination liability				[43,000]	
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	1,684,385	1,733,385	1,660,385	-475,900	1,208,485
SYSTEM DEVELOPMENT & DEMONSTRATION							
056	0603840F	GLOBAL BROADCAST SERVICE (GBS)	5,680	5,680	5,680		5,680
057	0604222F	NUCLEAR WEAPONS SUPPORT	18,538	18,538	18,538		18,538
058	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	21,780	21,780	21,780		21,780
059	0604270F	ELECTRONIC WARFARE DEVELOPMENT	26,880	26,880	16,880	-10,000	16,880
		MALD-J Increment 2--Technology Development Contract Delay			[-10,000]		
061	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	52,355	52,355	48,105	-4,250	48,105
		CLIP--Contract Delays			[-1,250]		
		STRATCOM DNC2 Contract Delays			[-3,000]		
062	0604287F	PHYSICAL SECURITY EQUIPMENT	51	51	51		51
063	0604329F	SMALL DIAMETER BOMB (SDB)	132,891	132,891	132,891		132,891
064	0604421F	COUNTERSPACE SYSTEMS	31,913	31,913	31,913		31,913

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065	0604425F	SPACE SITUATION AWARENESS SYSTEMS	273,689	273,689	273,689	-32,600	241,089
		Space Based Space Surveillance excess to need				[-12,600]	
		Space Fence—poor justification				[-20,000]	
		Space Surveillance Telescope			[-6,000]		
		Space Surveillance Telescope military utility assessment			[6,000]		
066	0604429F	AIRBORNE ELECTRONIC ATTACK	47,100	47,100	39,000	-6,100	41,000
		AEA SoS—Contract Delays			[-4,600]	[-2,600]	
		Electronic Attack Pod—Delayed Start			[-3,500]	[-3,500]	
067	0604441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	621,629	641,629	621,629		621,629
		Data exploitation			[-15,000]		
		Data exploitation			[15,000]		
		Program Increase		[20,000]			
069	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	10,055	10,055	6,055	-2,300	7,755
		Universal Armament Interface Contract Delay			[-4,000]	[-2,300]	
070	0604604F	SUBMUNITIONS	2,427	2,427	2,427		2,427
071	0604617F	AGILE COMBAT SUPPORT	11,878	11,878	3,920	-3,900	7,978
		Airfield Damage Repair—Ahead of Need			[-4,058]		
		BEAR—Ahead of Need			[-3,900]	[-3,900]	
073	0604706F	LIFE SUPPORT SYSTEMS	11,280	11,280	9,280	-2,000	9,280
		Integrated Aircrew Ensemble—Contract Award Delays			[-2,000]	[-2,000]	
074	0604735F	COMBAT TRAINING RANGES	28,106	28,106	8,106	-20,000	8,106
		Air Combat Training Systems (P5) Upgrades—Contract Delay			[-8,000]	[-8,000]	
		Joint Threat Emitter Increment 2—Rephased Program			[-12,000]	[-12,000]	
075	0604740F	INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A)	10	10	10		10
076	0604750F	INTELLIGENCE EQUIPMENT	995	995	995		995
077	0604800F	JOINT STRIKE FIGHTER (JSF)	1,387,926	1,388,926	1,387,926		1,387,926

078	0604851F	Establish Protocols for Joint Strike Fighter Lead-Free Electronic Components.	158,477	[1,000]	158,477	148,477
		INTERCONTINENTAL BALLISTIC MISSILE				-10,000
		Support Equipment—contract savings				[-10,000]
079	0604853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)	20,028	20,028	20,028	-5,000
		Program underexecution due to schedule delay				[-5,000]
080	0605221F	NEXT GENERATION AERIAL REFUELING AIRCRAFT	877,084	849,884	742,084	877,084
		Align funding to signed KC-46A contract			[-127,100]	
		Excess to Requirement			[-7,900]	
		Program Reduction		[-27,200]		
081	0605229F	CSAR HH-60 RECAPITALIZATION	94,113	11,000	600	-83,113
		Budget Adjustment per Air Force Request to APAF-63		[-10,400]		[-10,400]
		Budget Adjustment per Air Force Request to APAF-73		[-54,600]		[-54,600]
		Program Reduction		[-18,113]		[-18,113]
		Transfer to HC-130 modifications (APAF 75) per USAF request		[-10,400]		[-10,400]
083	0605278F	HC/MC-130 RECAP RDT&E	27,071	27,071	22,071	-5,000
		Contract Savings		[-5,000]		[-5,000]
085	0101125F	NUCLEAR WEAPONS MODERNIZATION	93,867	93,867	93,867	93,867
086	0207100F	LIGHT ATTACK ARMED RECONNAISSANCE (LAAR) SQUADRONS	23,721	23,721	23,721	-10,000
		Program reduction				[-10,000]
088	0207701F	FULL COMBAT MISSION TRAINING	39,826	39,826	25,826	29,826
		Block 40/50 Mission Training Center—Excess to need		[-14,000]		[-10,000]
089	0401138F	JOINT CARGO AIRCRAFT (JCA)	27,089	27,089	27,089	27,089
090	0401318F	CV-22	20,723	20,723	10,723	13,223
		Contract Delay				[-7,500]
091	0401845F	AIRBORNE SENIOR LEADER C3 (SLC3S)	12,535	12,535		0
		Program Termination				[-12,535]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	4,079,717	3,990,404	3,753,361	-224,298
		RD&E MANAGEMENT SUPPORT				3,855,419
092	0604256F	THREAT SIMULATOR DEVELOPMENT	22,420	22,420	22,420	22,420
093	0604759F	MAJOR T&E INVESTMENT	62,206	62,206	62,206	62,206

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094	0605101F	RAND PROJECT AIR FORCE	27,579	27,579	27,579		27,579
096	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	17,767	17,767	17,767		17,767
097	0605807F	TEST AND EVALUATION SUPPORT	654,475	763,475	704,475	50,000	704,475
		Program Increase		[109,000]	[50,000]	[50,000]	
098	0605860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	158,096	33,596	158,096		158,096
		Program Reduction		[-124,500]			
099	0605864F	SPACE TEST PROGRAM (STP)	47,926	47,926	47,926		47,926
100	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT	44,547	44,547	44,547		44,547
101	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	27,953	27,953	27,953		27,953
102	0606323F	MULTI-SERVICE SYSTEMS ENGINEERING INITIATIVE	13,953	13,953	13,953		13,953
103	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	31,966	31,966	31,966		31,966
104	0804731F	GENERAL SKILL TRAINING	1,510	1,510	1,510		1,510
106	1001004F	INTERNATIONAL ACTIVITIES	3,798	3,798	3,798		3,798
		SUBTOTAL RDT&E MANAGEMENT SUPPORT	1,114,196	1,098,696	1,164,196	50,000	1,164,196
OPERATIONAL SYSTEMS DEVELOPMENT							
107	0603423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT	390,889	390,889	366,889	-24,000	366,889
		Slow execution			[-24,000]		
108	0604263F	COMMON VERTICAL LIFT SUPPORT PLATFORM	5,365	5,365	5,365		5,365
109	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	91,866	91,866	91,866		91,866
110	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	35,467	35,467	35,467		35,467
112	0101113F	B-52 SQUADRONS	133,261	133,261	133,261		93,996
		1760 IBU contract delays					[-10,000]
		EHF contract delays					[-13,000]
		IFF Mode S/5 Development contract delays					[-5,000]
		SR2 excess to requirement					[-11,265]

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Line	Program Element	Item	FY 2012 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
135	0207227F	COMBAT RESCUE—PARARESCUE	927	927	927		927
136	0207247F	AF TENCAP	20,727	20,727	20,727		20,727
137	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	3,128	3,128	3,128		3,128
138	0207253F	COMPASS CALL	18,509	18,509	18,509		18,509
139	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	182,967	182,967	172,967	-10,000	172,967
		Excess to Requirement			[-10,000]		
141	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	5,796	5,796	5,796		5,796
142	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	121,880	121,880	121,880		121,880
143	0207412F	CONTROL AND REPORTING CENTER (CRC)	3,954	3,954	3,954		3,954
144	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	135,961	135,961	91,961	-17,300	118,661
		DRAGON--Contract Delays			[-24,000]		
		NGIFF--Contract Delays			[-20,000]		
		Poor program execution				[-17,300]	
145	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS	8,309	8,309	8,309		8,309
146	0207423F	ADVANCED COMMUNICATIONS SYSTEMS	90,083	90,083	44,883	-45,200	44,883
		Common Processing Environment--Schedule Delays			[-40,000]		
		JTRS Integration and Engineering Support--Schedule Delays			[-5,200]		
148	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	5,428	5,428	5,428		5,428
149	0207438F	THEATER BATTLE MANAGEMENT (TBM) C4I	15,528	15,528	15,528		15,528
150	0207444F	TACTICAL AIR CONTROL PARTY-MOD	15,978	15,978	9,678	-6,300	9,678
		JETS Contract Delays			[-2,000]		
		VCS--Program Termination and Restructure			[-4,300]		
152	0207448F	C2ISR TACTICAL DATA LINK	1,536	1,536	1,536		1,536
153	0207449F	COMMAND AND CONTROL (C2) CONSTELLATION	18,102	18,102	18,102		18,102
154	0207581F	JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM (JSTARS)	121,610	121,610	88,610	-33,000	121,610
		Unjustified Request Based on Program Restructure			[-33,000]		
155	0207590F	SEEK EAGLE	18,599	18,599	18,599		18,599

156	0207601F	USAF MODELING AND SIMULATION	23,091	23,091	23,091	23,091	23,091
157	0207605F	WARGAMING AND SIMULATION CENTERS	5,779	5,779	5,779	5,779	5,779
158	0207697F	DISTRIBUTED TRAINING AND EXERCISES	5,264	5,264	3,264	3,264	3,264
		Unjustified growth			[-2,000]	[-2,000]	
159	0208006F	MISSION PLANNING SYSTEMS	69,918	69,918	63,418	63,418	63,418
		CAF Increment IV--Critical Change Delay			[-6,500]	[-6,500]	
160	0208021F	INFORMATION WARFARE SUPPORT	2,322	2,322	2,322	2,322	2,322
161	0208059F	CYBER COMMAND ACTIVITIES	702	702	702	702	702
168	0301400F	SPACE SUPERIORITY INTELLIGENCE	11,866	11,866	8,866	8,866	8,866
		Program underexecution due to schedule delays			[-3,000]	[-3,000]	
169	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	5,845	5,845	5,845	5,845	5,845
		Secure, Survivable Communications delayed program start			[-1,000]	[-1,000]	
170	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	43,811	43,811	43,811	43,811	43,811
171	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	101,788	101,788	92,788	92,788	92,788
		Delay due to protest			[-9,000]	[-9,000]	
172	0303141F	GLOBAL COMBAT SUPPORT SYSTEM	449	449	449	449	449
173	0303150F	GLOBAL COMMAND AND CONTROL SYSTEM	3,854	3,854	3,854	3,854	3,854
175	0303601F	MILSATCOM TERMINALS	238,729	238,729	188,729	188,729	188,729
		Transfer to FAB-T alternative line 175a			[-50,000]	[-42,000]	
175A	0303XXXF	FAB-T ALTERNATIVE			50,000	42,000	42,000
		Transfer from FAB-T line 175			[50,000]	[42,000]	
177	0304260F	AIRBORNE SIGINT ENTERPRISE			-13,500	-13,500	-13,500
		Contract/Program Delays			[-13,500]	[-13,500]	
177A	0304XXXF	RC-135	34,744	34,744	34,744	34,744	34,744
177B	0304XXXF	COMMON DEVELOPMENT	87,004	87,004	87,004	87,004	87,004
180	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,604	4,604	4,604	4,604	4,604
181	0305103F	CYBER SECURITY INITIATIVE	2,026	2,026	2,026	2,026	2,026
182	0305105F	DOD CYBER CRIME CENTER	282	282	282	282	282
183	0305110F	SATELLITE CONTROL NETWORK (SPACE)	18,337	18,337	18,337	18,337	18,337
184	0305111F	WEATHER SERVICE	31,084	31,084	31,084	31,084	31,084
185	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL)	63,367	63,367	9,867	9,867	21,367
		D--RAPCON Contract Delay			[-53,500]	[-42,000]	

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186	0305116F	AERIAL TARGETS	50,620	50,620	45,620	-5,000	45,620
		QF-16--Excess to Need			[-5,000]	[-5,000]	
189	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	366	366	366		366
190	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	39	39	39		39
191	0305159F	ENTERPRISE QUERY & CORRELATION			10,000		0
		Classified Adjustment			[-10,000]		
		Enterprise query & correlation			[20,000]		
192	0305164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	133,601	133,601	42,601		133,601
		Contract delay			[-91,000]		
193	0305165F	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS)	17,893	17,893	17,893		17,893
195	0305173F	SPACE AND MISSILE TEST AND EVALUATION CENTER	196,254	196,254	196,254		188,754
		Excess to need				[-7,500]	
196	0305174F	SPACE INNOVATION AND DEVELOPMENT CENTER	2,961	2,961	2,961		2,961
197	0305182F	SPACELIFT RANGE SYSTEM (SPACE)	9,940	9,940	9,940		9,940
198	0305193F	INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO)	1,271	1,271	1,271		1,271
200	0305205F	ENDURANCE UNMANNED AERIAL VEHICLES	52,425	52,425	15,925	-6,500	45,925
		Funded via reprogramming action			[-6,500]	[-6,500]	
		Program reduction			[-30,000]		
201	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	106,877	106,877	99,677	-7,200	99,677
		Unjustified request			[-7,200]	[-7,200]	
202	0305207F	MANNED RECONNAISSANCE SYSTEMS	13,049	13,049	13,049		13,049
203	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	90,724	90,724	85,724	-5,000	85,724
		Contract delays			[-5,000]	[-5,000]	
204	0305219F	MQ-1 PREDATOR A UAV	14,112	14,112	11,642	-2,470	11,642
		Common Sensor Payload--Ahead of Need			[-2,470]	[-2,470]	
205	0305220F	RQ-4 UAV	423,462	423,462	383,462	-40,000	423,462
		Contract delays			[-40,000]		

206	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	7,348	7,348	7,348	7,348	7,348	
207	0305265F	GPS III SPACE SEGMENT	463,081	463,081	463,081	463,081	458,081	
		GPS III CIP—poor justification					[-5,000]	
208	0305614F	JSPOC MISSION SYSTEM	118,950	118,950	83,950	83,950	-37,500	81,450
		JMS program restructure			[-35,000]	[-37,500]		
209	0305887F	INTELLIGENCE SUPPORT TO INFORMATION WARFARE	14,736	14,736	14,736	14,736		14,736
210	0305913F	NUDET DETECTION SYSTEM (SPACE)	81,989	81,989	81,989	81,989		81,989
212	0305940F	SPACE SITUATION AWARENESS OPERATIONS	31,956	31,956	31,956	31,956		31,956
213	0307141F	INFORMATION OPERATIONS TECHNOLOGY INTEGRATION & TOOL DEVELOPMENT	23,931	23,931	23,931	23,931		23,931
		MENT						
214	0308699F	SHARED EARLY WARNING (SEW)	1,663	1,663	1,663	1,663		1,663
215	0401115F	C-130 AIRLIFT SQUADRON	24,509	24,509	6,509	6,509	-18,000	6,509
		Contract Delays			[-18,000]			
216	0401119F	C-5 AIRLIFT SQUADRONS (IF)	24,941	24,941	12,941	12,941	-12,000	12,941
		RERP Program Rephased			[-12,000]			
217	0401130F	C-17 AIRCRAFT (IF)	128,169	128,169	94,269	94,269	-33,900	94,269
		Contract Delays			[-33,900]			
218	0401132F	C-130J PROGRAM	39,537	39,537	39,537	39,537		39,537
219	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCW)	7,438	7,438	7,438	7,438		7,438
220	0401139F	LIGHT MOBILITY AIRCRAFT (LIMA)	1,308	1,308	1,308	1,308		0
		Funded in Fiscal Year 2011			[-1,308]			
221	0401218F	KC-135S	6,161	6,161	6,161	6,161		6,161
222	0401219F	KC-10S	30,868	30,868	30,868	30,868		30,868
223	0401314F	OPERATIONAL SUPPORT AIRLIFT	82,591	82,591	37,591	37,591	-40,000	42,591
		VC-25A—Funding Ahead of Need			[-45,000]			
225	0408011F	SPECIAL TACTICS / COMBAT CONTROL	7,118	7,118	5,218	5,218	-1,900	5,218
		Line of Sight—Contract Delay			[-1,900]			
226	0702207F	DEPOT MAINTENANCE (NON-IF)	1,531	1,531	1,531	1,531		1,531
228	0708012F	LOGISTICS SUPPORT ACTIVITIES	944	944	944	944		944
229	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	140,284	140,284	140,284	140,284		140,284
230	0708611F	SUPPORT SYSTEMS DEVELOPMENT	10,990	10,990	10,990	10,990		10,990
232	0804743F	OTHER FLIGHT TRAINING	322	322	322	322		322

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233	0804757F	JOINT NATIONAL TRAINING CENTER	11	11	11		11
235	0808716F	OTHER PERSONNEL ACTIVITIES	113	113	113		113
236	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,483	2,483	2,483		2,483
237	0901218F	CIVILIAN COMPENSATION PROGRAM	1,508	1,508	1,508		1,508
238	0901220F	PERSONNEL ADMINISTRATION	8,041	8,041	1,041	-7,000	1,041
		Contract Delays			[-7,000]		
239	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	928	928	928		928
240	0901279F	FACILITIES OPERATION—ADMINISTRATIVE	12,118	12,118	12,118		12,118
241	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	101,317	101,317	76,317	-25,000	76,317
		DEAMS--Excess to Requirement			[-25,000]		
242	0902998F	MANAGEMENT HQ—ADP SUPPORT (AF)	299	299	299		299
242A	9999999999	CLASSIFIED PROGRAMS	12,063,140	12,088,140	11,829,329	-233,811	11,829,329
		Classified Adjustment		[25,000]	[-233,811]		
		Defense Reconnaissance Support Activities					
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	18,573,266	18,612,845	17,318,853	-972,934	17,600,332
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF	27,737,701	27,749,667	26,172,932	-1,623,132	26,114,569
RESEARCH, DEVELOPMENT, TEST & EVAL, DW							
BASIC RESEARCH							
001	0601000BR	DTRA BASIC RESEARCH INITIATIVE	47,737	47,737	47,737		47,737
002	0601101E	DEFENSE RESEARCH SCIENCES	290,773	290,773	290,773		290,773
003	060111008Z	BASIC RESEARCH INITIATIVES	14,731	14,731	14,731		14,731
		Reduction to new starts				-7,000	
005	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	37,870	37,870	37,870		37,870
006	06012008Z	NATIONAL DEFENSE EDUCATION PROGRAM	101,591	86,591	86,591	-15,000	86,591
		Program Decrease		[-15,000]	[-15,000]		

007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	52,617	52,617	52,617	52,617	52,617
		SUBTOTAL BASIC RESEARCH	545,319	530,319	530,319	-22,000	523,319
		APPLIED RESEARCH					
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	21,592	21,592	20,592	-1,000	20,592
		Excessive growth			[-1,000]		
009	0602115E	BIOMEDICAL TECHNOLOGY	110,000	110,000	110,000	-15,000	95,000
		Unsustained funding			[-15,000]		
010	0602228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) SCIENCE		25,245	15,245	15,245	15,245
		Program Increase		[10,000]			
		Realignment of Funds for Proper Oversight and Execution		[15,245]			
011	060234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	37,916	37,916	37,916		37,916
012	060250D8Z	SYSTEMS 2020 APPLIED RESEARCH	4,381	4,381	4,381	-4,381	0
		Duplication of effort			[-4,381]		
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	400,499	350,499	400,499	-46,374	354,125
		Program Reduction		[-50,000]			
014	0602304E	COGNITIVE COMPUTING SYSTEMS	49,365	49,365	49,365		49,365
015	0602305E	MACHINE INTELLIGENCE	61,351	61,351	61,351	-9,075	52,276
		Unsustained growth				[-9,075]	
016	0602383E	BIOLOGICAL WARFARE DEFENSE	30,421	30,421	30,421		30,421
017	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	219,873	224,873	219,873		219,873
		Program Increase		[5,000]			
018	0602663D8Z	DATA TO DECISIONS APPLIED RESEARCH	9,235	5,235	5,235	-5,000	4,235
		Program Decrease		[-4,000]			
019	0602668D8Z	CYBER SECURITY RESEARCH	9,735	9,735	4,735	-5,000	4,735
		Program Decrease			[-5,000]		
020	0602670D8Z	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) APPLIED RESEARCH	14,923	10,923	10,923	-6,000	8,923
		Excessive growth		[-4,000]			
021	0602702E	TACTICAL TECHNOLOGY	206,422	206,422	206,422	-4,000	202,422
		Reduction to new starts			[-4,000]		
022	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	237,837	237,837	237,837	-15,000	222,837

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023	0602716E	Excessive growth ELECTRONICS TECHNOLOGY	215,178	215,178	215,178	[-15,000]	215,178
024	06027188R	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES Due to slow execution Program Increase	196,954	201,954	186,501 [-10,453]		196,954
025	1160401BB	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT PROGRAM INCREASE SUBTOTAL APPLIED RESEARCH	26,591 1,852,273	[5,000] 26,591 1,829,518	26,591 1,827,820	-95,585	26,591 1,756,688
027	0603000D8Z	ADVANCED TECHNOLOGY DEVELOPMENT (ATD) JOINT MUNITIONS ADVANCED TECHNOLOGY	24,771	24,771	20,271	-9,000	15,771
028	0603121D8Z	Excessive growth SO/LIC ADVANCED DEVELOPMENT	45,028	45,028	[-4,500]	[-9,000]	45,028
029	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT Program Increase	77,019	100,219 [23,200]	77,019		77,019
030	0603160BR	COUNTERPROLIFERATION INITIATIVES—PROLIFERATION PREVENTION AND DEFEAT. Due to slow execution	283,073	283,073	271,123		283,073
031	0603175C	BALLISTIC MISSILE DEFENSE TECHNOLOGY	75,003	75,003	[-11,950]		75,003
032	0603200D8Z	JOINT ADVANCED CONCEPTS Unsustained growth	7,903	7,903	7,903	-1,100	6,803
033	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	20,372	20,372	20,372	[-1,100]	20,372
034	0603250D8Z	SYSTEMS 2020 ADVANCED TECHNOLOGY DEVELOPMENT Lack of transition plan	4,381	4,381	4,381	-4,381	0
035	0603264S	AGILE TRANSPORTATION FOR THE 21ST CENTURY (AT21)—THEATER CAPABILITY	998	998	998	[-4,381]	998
036	0603274C	SPECIAL PROGRAM—MDA TECHNOLOGY	61,458	61,458	61,458		61,458
037	0603286E	ADVANCED AEROSPACE SYSTEMS	98,878	98,878	98,878		98,878

038	0603287E	SPACE PROGRAMS AND TECHNOLOGY	97,541	97,541	97,541	97,541	97,541
039	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT	229,235	229,235	229,235	229,235	229,235
040	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	7,287	7,287	7,287	7,287	7,287
041	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	187,707	167,707	177,707	176,707	176,707
		Unjustified Growth		[-20,000]	[-10,000]	[-11,000]	
042	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	23,890	23,890	23,890	23,890	23,890
043	0603663D8Z	DATA TO DECISIONS ADVANCED TECHNOLOGY DEVELOPMENT	9,235	5,235	5,235	4,235	4,235
		Program Decrease		[-4,000]	[-4,000]	[-5,000]	
044	0603665D8Z	BIOMETRICS SCIENCE AND TECHNOLOGY	10,762	10,762	10,762	10,762	10,762
045	0603668D8Z	CYBER SECURITY ADVANCED RESEARCH	10,709	10,709	5,709	5,709	5,709
		Program Decrease		[-5,000]	[-5,000]	[-5,000]	
046	0603670D8Z	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) ADVANCED DEVELOPMENT.	18,179	14,179	14,179	13,179	13,179
		Excessive growth		[-4,000]	[-4,000]	[-5,000]	
047	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM	17,888	19,888	47,888	47,888	47,888
		Defense Alternative Energy		[2,000]		30,000	
		Program Increase- Industrial Base Innovation Fund program			[30,000]	[30,000]	
048	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	26,972	26,972	13,972	26,972	26,972
		Cargo airship demonstration			[2,000]		
		Pelican			[-15,000]		
049	0603711D8Z	JOINT ROBOTICS PROGRAM/AUTONOMOUS SYSTEMS	9,756	9,756	9,756	9,756	9,756
050	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	23,887	38,887	23,887	23,887	23,887
		Secure Microelectronics		[15,000]			
051	0603713S	DEPLOYMENT AND DISTRIBUTION ENTERPRISE TECHNOLOGY	41,976	41,976	35,976	29,976	29,976
		Excessive growth			[-6,000]	[-12,000]	
052	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	66,409	77,159	66,409	66,409	66,409
		Offshore Range Environmental Baseline Assessment		[1,750]			
		Program Increase		[5,000]			
		Radiological Contamination Research		[4,000]			
053	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT	91,132	83,132	61,132	61,132	61,132
		90nm Next Generation Foundry				[-30,000]	[-30,000]

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		Microelectronics Technology Development and Support		[3,000]			
		Program Reduction		[-11,000]	[-30,000]		
054	0603727D8Z	JOINT WARFIGHTING PROGRAM	10,547	10,547	10,547		10,547
055	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	160,286	160,286	160,286	-10,000	150,286
		Reduction to new starts				[-10,000]	
058	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	296,537	246,537	296,537	-34,931	261,606
		CCC-01 unsustained growth				[-7,490]	
		CCC-02 unsustained growth				[-3,850]	
		CCC-CLS unsustained growth				[-10,591]	
		Program Reduction		[-50,000]			
		Reduction to new starts				[-13,000]	
059	0603765E	CLASSIFIED DARPA PROGRAMS	107,226	107,226	107,226		107,226
060	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	235,245	235,245	235,245	-26,742	208,503
		NET-01 unsustained growth				[-11,742]	
		Reduction to new starts				[-15,000]	
061	0603767E	SENSOR TECHNOLOGY	271,802	271,802	271,802		271,802
061A	0604775D8Z	DEFENSE RAPID INNOVATION PROGRAM			200,000	200,000	200,000
		Program Increase			[200,000]	[200,000]	
063	0603769SE	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT	13,579	13,579	13,579		13,579
064	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	30,424	30,424	30,424		30,424
065	0603826D8Z	QUICK REACTION SPECIAL PROJECTS	89,925	89,925	79,925	-29,160	60,765
		P826/P828 excessive growth				[-25,000]	
		P832				[-4,160]	
		Program Decrease			[-10,000]		
066	0603828D8Z	JOINT EXPERIMENTATION	58,130	58,130	48,130	-19,000	39,130
		Program adjustment			[-10,000]	[-19,000]	
067	0603832D8Z	DOD MODELING AND SIMULATION MANAGEMENT OFFICE	37,029	31,029	31,029	-6,000	31,029

068	0603901C	Program Decrease	[-6,000]	[-6,000]	[-6,000]	[-6,000]	
		DIRECTED ENERGY RESEARCH	146,329	36,329	46,329	50,000	
		Program Decrease—ALTB	[-60,000]	[-60,000]	[-46,329]		
069	0603902C	Program Increase	[50,000]	123,456	123,456	123,456	
070	0603941D8Z	NEXT GENERATION AEGIS MISSILE	123,456	99,593	99,593	99,593	
		TEST & EVALUATION SCIENCE & TECHNOLOGY	99,593	[10,000]			
		Program Increase- Technology Transition Initiative		[-10,000]			
072	0604055D8Z	Technology Transition Initiative	20,444	20,444	20,444	20,444	
		OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	34,444	[4,000]			
		Operational Energy Improvement Pilot Project	[10,000]				
073	0303310D8Z	Program Increase	7,788	7,788	7,788	4,288	
		CWMD SYSTEMS	7,788				
074	1160402BB	Program reduction	35,242	30,242	5,000	30,242	
		SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT		[-5,000]			
		Excess to need					
075	1160422BB	Program Increase	837	837	837	837	
076	1160472BB	AVIATION ENGINEERING ANALYSIS	4,924	4,924	4,924	4,924	
		SOF INFORMATION AND BROADCAST SYSTEMS ADVANCED TECHNOLOGY					
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT (ATD)	3,270,792	3,321,342	-33,143	3,237,649	
		Program Increase	[5,000]				
077	0603161D8Z	ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	36,798	36,798	-6,000	30,798	
		NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E					
		ADC&P					
		Unexecutable growth					
078	0603527D8Z	RETRACT LARCH	21,040	21,040		21,040	
079	0603600D8Z	WALKOFF	112,142	112,142		112,142	
080	0603709D8Z	JOINT ROBOTICS PROGRAM	11,129	11,129		11,129	
081	0603714D8Z	ADVANCED SENSOR APPLICATIONS PROGRAM	18,408	18,408		18,408	
082	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	63,606	63,606		63,606	
		Realignment to RDDW-082A		[-30,000]			
082A	0603XXXD8Z	INSTALLATION ENERGY TEST BED	47,000	47,000		0	
		Installation Energy Test Bed Program Increase	[15,000]				

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		Microgrid Pilot Program		[2,000]			
		Realignment from RDDW-082		[30,000]			
083	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	290,452	290,452	310,452		290,452
		THAAD production improvements			[20,000]		
084	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,161,001	1,261,001	1,161,001		1,161,001
		Program increase		[100,000]			
086	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	261,143	261,143	234,155	-47,988	213,155
		IBP schedule delay				[-12,000]	
		INATS schedule delays				[-13,000]	
		JPID program restructure				[-13,988]	
		VAC FLO execution delays				[-9,000]	
087	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	222,374	222,374	222,374		222,374
088	0603888C	BALLISTIC MISSILE DEFENSE TEST & TARGETS	1,071,039	1,071,039	1,022,039	-985,349	85,690
		Excess to need				[-9,000]	
		Program Decrease—Excess funds				[-985,349]	
		Transfer to lines 88a, 88b, and 89				488,382	488,382
088A	0603XXXC	BMD TESTS				[488,382]	
		Transfer from line 88				454,999	454,999
088B	0603XXXC	BMD TARGETS				[454,999]	
		Transfer from line 88				41,968	41,968
089	0603890C	BMD ENABLING PROGRAMS	373,563	373,563	373,563		415,531
		Transfer from line 88				[41,968]	
090	0603891C	SPECIAL PROGRAMS—MDA	296,554	296,554	296,554		296,554
091	0603892C	AEGIS BMD	960,267	965,267	1,250,267	30,000	990,267
		AEGIS Ballistic Missile Defense		[5,000]			
		SM-3 Block IB production improvements				[30,000]	
		Transfer from procurement to correct test failures				[260,000]	

092	0603893C	SPACE TRACKING & SURVEILLANCE SYSTEM	96,353	96,353	96,353	96,353	96,353
093	0603895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	7,951	7,951	7,951	7,951	7,951
094	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGE- MENT AND COMMUNICATI.	364,103	364,103	364,103	364,103	364,103
096	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARRIGHTER SUPPORT	41,225	41,225	41,225	41,225	41,225
097	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	69,325	69,325	69,325	69,325	69,325
098	0603906C	REGARDING TRENCH	15,797	15,797	15,797	15,797	15,797
099	0603907C	SEA BASED X-BAND RADAR (SBX)	177,058	177,058	157,058	157,058	157,058
		Program Decrease—Excess funds			[-20,000]		
101	0603913C	ISRAELI COOPERATIVE PROGRAMS	106,100	216,100	156,100	110,000	216,100
		Arrow System Improvement Program			[20,000]		
		Arrow-3 interceptor development			[5,000]		
		David's Sling development			[25,000]		
		Program Increase			[60,000]		
102	0603920D8Z	HUMANITARIAN DEMINING	14,996	14,996	14,996	14,996	14,996
103	0603923D8Z	COALITION WARFARE	12,743	12,743	12,743	12,743	12,743
104	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,221	13,521	35,321	32,100	35,321
		Program increase—funding shortfall			[32,100]		
105	0604040D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT.	25,120	25,120	25,120	25,120	25,120
107	0604670D8Z	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) RESEARCH AND ENGINEERING.	10,309	10,309	8,309	-2,800	7,509
		Program Decrease			[-2,000]		
108	0604787D8Z	JOINT SYSTEMS INTEGRATION COMMAND (SIC)	13,024	13,024	8,024	[-2,800]	13,024
		Program Decrease			[-5,000]		
109	0604828D8Z	JOINT FIRES INTEGRATION AND INTEROPERABILITY TEAM	9,290	9,290	9,290	9,290	9,290
110	0604880C	LAND-BASED SM-3 (LBSM3)	306,595	306,595	306,595	306,595	306,595
111	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT	424,454	464,454	444,454	444,454	424,454
		Program Increase			[40,000]		
		Program Increase- software Integration			[20,000]		
112	0604883C	PRECISION TRACKING SPACE SENSOR RDT&E	160,818	160,818	160,818	-80,000	80,818
		Program Reduction			[-80,000]		
		Program Reduction			[-160,818]		

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113	0604884C	AIRBORNE INFRARED (ABIR)	46,877	66,877	46,877		46,877
		Program Increase		[20,000]			
115	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	3,358	3,358	3,358		3,358
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	6,808,233	6,949,715	7,117,345	15,312	6,823,545
		SYSTEM DEVELOPMENT AND DEMONSTRATION (SDD)					
117	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD	7,220	7,220	7,220		7,220
118	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	204,824	179,824	204,824	-25,000	179,824
		Program Reduction		[-25,000]		[-25,000]	
119	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	400,608	400,608	390,608	-84,000	316,608
		Bioscavenger program delays			[-10,000]	[-24,000]	
		Decontamination FOS delays				[-10,000]	
		MCMI RFP release delay				[-50,000]	
120	0604709D8Z	JOINT ROBOTICS PROGRAM	2,782	2,782	2,782		2,782
121	0604764K	ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)	49,198	49,198	44,198	-10,374	38,824
		Cyber threat discovery			[20,000]	[15,000]	
		Program growth			[-25,000]	[-25,374]	
122	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	17,395	17,395	17,395		17,395
123	0605000BR	WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES	5,888	5,888	5,285	-5,888	5,888
		Due to slow execution			[-603]		
124	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	12,228	12,228	12,228		12,228
127	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	389	389	389		389
128	060502D8Z	DEFENSE EXPORTABILITY PROGRAM	1,929	1,929	1,929		1,929
129	0605027D8Z	OUS(D/C) IT DEVELOPMENT INITIATIVES	4,993	4,993	4,993		4,993
130	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION	134,285	134,285	84,285	-40,000	94,285
		Program Growth			[-50,000]	[-40,000]	
131	0605075D8Z	DCMO POLICY AND INTEGRATION	41,808	41,808	31,808	-41,808	41,808

133	060521008Z	Program Growth	14,950	14,950	(-10,000)	14,950
		DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	19,837	19,837		19,837
135	0303141K	GLOBAL COMBAT SUPPORT SYSTEM	893,334	893,334	842,731	758,960
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION (SDD)	918,334	893,334	-159,374	758,960
RD&E MANAGEMENT SUPPORT						
137	060477408Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	6,658	6,658	6,658	6,658
138	060487508Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	4,731	4,731	4,731	4,731
139	060494008Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP)	140,231	140,231	140,231	140,231
140	060494208Z	ASSESSMENTS AND EVALUATIONS	2,757	2,757	2,757	2,757
141	060494308Z	THERMAL VICAR	7,827	7,827	7,827	7,827
142	060510008Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	10,479	10,479	10,479	10,479
143	060510408Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	34,213	34,213	28,213	34,213
		OSD recommendation due to underexecution			(-6,000)	
144	060511008Z	USD(A&T)--CRITICAL TECHNOLOGY SUPPORT	1,486	18	1,486	1,486
		Program Decrease	(-1,468)			
145	060511708Z	FOREIGN MATERIAL ACQUISITION AND EXPLOITATION	64,524	64,524	64,524	64,524
146	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO)	79,859	79,859	61,490	79,859
		Underexecution			(-18,369)	
148	060513008Z	FOREIGN COMPARATIVE TESTING	19,080	19,080	19,080	19,080
149	060514208Z	SYSTEMS ENGINEERING	41,884	41,884	41,884	41,884
150	060516108Z	NUCLEAR MATTERS-PHYSICAL SECURITY	4,261	4,261	4,261	4,261
151	060517008Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	9,437	9,437	9,437	9,437
152	060520008Z	GENERAL SUPPORT TO USD (INTELLIGENCE)	6,549	6,549	6,549	6,549
153	06053848P	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	92,806	92,806	92,806	92,806
160	060579008Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER (S	1,924	1,924	1,924	1,924
161	060579808Z	DEFENSE TECHNOLOGY ANALYSIS	16,135	16,135	16,135	16,135
163	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	56,269	51,269	52,269	56,269
		Program Decrease			(-4,000)	
		Program Increase				
164	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION	49,810	49,810	49,810	49,810

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165	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	15,805	15,805	20,805	3,500	19,305
		Program Increase			[5,000]	[3,500]	
166	0605897E	DARPA AGENCY RELOCATION	1,000	1,000	1,000		1,000
167	0605898E	MANAGEMENT HQ—R&D	66,689	66,689	66,689		66,689
168	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	4,528	4,528	4,528		4,528
169	0606301D8Z	AVIATION SAFETY TECHNOLOGIES	6,925	6,925	6,925		6,925
170	0203345D8Z	OPERATIONS SECURITY (OPSEC)	1,777	1,777	1,777		1,777
171	020457JU	JOINT STAFF ANALYTICAL SUPPORT	18	18	18		18
174	0303166D8Z	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	12,209	12,209	12,209		12,209
175	0303169D8Z	INFORMATION TECHNOLOGY RAPID ACQUISITION	4,288	4,288	4,288		4,288
176	0305103E	CYBER SECURITY INITIATIVE	10,000	10,000	5,000	-5,000	5,000
		Execution delays			[-5,000]	[-5,000]	
177	0305193D8Z	INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO)	15,002	15,002	15,002		15,002
179	0305400D8Z	WARFIGHTING AND INTELLIGENCE-RELATED SUPPORT	861	861	861		861
180	0804767D8Z	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2) P754, Duplication with Service initiatives	59,958	59,958	59,958	-21,868	38,090
		MANAGEMENT HQ—MDA	28,908	28,908	28,908	[-21,868]	28,908
182	0901598C	IT SOFTWARE DEV INITIATIVES	167	167	167		167
183	0901598D8W	CLASSIFIED PROGRAMS	82,627	82,627	82,627		82,627
184A	9999999999	SUBTOTAL RDT&E MANAGEMENT SUPPORT	961,682	955,214	933,313	-23,368	938,314
		OPERATIONAL SYSTEMS DEVELOPMENT					
185	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	8,706	8,706	8,706	-2,500	6,206
		Excessive growth				[-2,500]	
186	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	2,165	2,165	2,165		2,165

187	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	288	288	288	288
188	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	15,956	15,956	15,956	15,956
189	0607828DZ	JOINT INTEGRATION AND INTEROPERABILITY	29,880	29,880	29,880	29,880
190	0208043J	CLASSIFIED PROGRAMS	2,402	2,402	2,402	2,402
191	0208045K	C4I INTEROPERABILITY	72,403	72,403	72,403	72,403
193	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING	7,093	7,093	7,093	7,093
200	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	481	481	481	481
201	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION	8,366	8,366	8,366	8,366
		Cybersecurity pilots	[10,000]	[10,000]	[10,000]	[10,000]
202	0303126K	LONG-HAUL COMMUNICATIONS—DCS	11,324	11,324	11,324	11,324
203	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	12,514	12,514	12,514	12,514
204	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI)	6,548	6,548	6,548	6,548
205	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	33,751	33,751	33,751	33,751
206	0303140DZ	INFORMATION SYSTEMS SECURITY PROGRAM	11,753	11,753	11,753	11,753
207	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	348,593	348,593	348,593	348,593
		File sanitization tool (FIST)	[3,000]	[3,000]	[3,000]	[3,000]
208	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM	5,500	5,500	5,500	5,500
211	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	54,739	54,739	54,739	54,739
212	0303153K	DEFENSE SPECTRUM ORGANIZATION	29,154	29,154	29,154	29,154
213	0303170K	NET-CENTRIC ENTERPRISE SERVICES (NCES)	1,830	1,830	1,830	1,830
214	0303260DZ	JOINT MILITARY DECEPTION INITIATIVE	1,241	1,241	1,241	1,241
215	0303610K	TELEPORT PROGRAM	6,418	6,418	6,418	6,418
217	0304210BB	SPECIAL APPLICATIONS FOR CONTINGENCIES	5,045	5,045	5,045	5,045
		Program Increase	[4,000]	[4,000]	[4,000]	[4,000]
220	0305103DZ	CYBER SECURITY INITIATIVE	411	411	411	411
222	0305103K	CYBER SECURITY INITIATIVE	4,341	4,341	4,341	4,341
223	0305125DZ	CRITICAL INFRASTRUCTURE PROTECTION (CIP)	13,008	13,008	13,008	13,008
227	0305186DZ	POLICY R&D PROGRAMS	6,603	6,603	6,603	6,603
		OSD recommendation due to underexecution	[−3,711]	[−3,711]	[−3,711]	[−3,711]
229	0305199DZ	NET CENTRICITY	14,926	14,926	14,926	14,926

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232	03052088B	OSD recommendation due to underexecution DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	4,303	4,303	[-3,233] 4,303	-3,000 [-3,000]	1,303
235	0305208K	Unjustified increase DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS		3,154	3,154		3,154
237	03052198B	MQ-1 PREDATOR A UAV	2,499	2,499	2,499		2,499
239	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,660	2,660	2,660		2,660
240	0305600D8Z	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES	1,444	1,444	1,444		1,444
248	0708011S	INDUSTRIAL PREPAREDNESS Industrial Preparedness Manufacturing Technology	23,103	28,103 [5,000]	23,103		23,103
249	0708012S	LOGISTICS SUPPORT ACTIVITIES	2,466	2,466	2,466		2,466
250	0902298J	MANAGEMENT HEADQUARTERS (JCS)	2,730	2,730	2,730		2,730
252	11052198B	MQ-9 UAV	2,499	2,499	2,499		2,499
253	11052328B	RQ-11 UAV	3,000	3,000	3,000		1,500
254	11052338B	Lack of full funding		450	450		450
256	11604038B	RQ-7 UAV SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT	89,382	89,382	89,382		74,382
257	11604048B	MC-130 TF7A radar contract award delay	799	799	799		799
258	11604058B	SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	27,916	27,916	27,916		27,916
259	11604088B	SOF OPERATIONAL ENHANCEMENTS	60,915	60,915	60,915		60,915
260	11604218B	SPECIAL OPERATIONS CV-22 DEVELOPMENT	10,775	10,775	10,775		10,775
263	11604278B	MISSION TRAINING AND PREPARATION SYSTEMS (MTPS)	4,617	4,617	4,617		4,617
265	11604298B	AC/MC-130J	18,571	18,571	18,571		18,571
266	11604748B	SOF COMMUNICATIONS EQUIPMENT AND ELECTRONICS SYSTEMS	1,392	1,392	1,392		1,392
268	11604778B	SOF WEAPONS SYSTEMS	2,610	2,610	2,610		2,610
269	11604788B	SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS	2,971	2,971	2,971		2,971
270	11604798B	SOF VISUAL AUGMENTATION, LASERS AND SENSOR SYSTEMS	3,000	3,000	3,000		3,000

271	1160480BB	SOF TACTICAL VEHICLES	3,522	3,522	3,522	3,522			
272	1160481BB	SOF MUNITIONS	1,500	1,500	1,500	1,500			3,522
273	1160482BB	SOF ROTARY WING AVIATION	51,123	51,123	51,123	51,123			1,500
274	1160483BB	SOF UNDERWATER SYSTEMS	92,424	92,424	92,424	92,424			51,123
		Excessive growth							68,424
									[-24,000]
275	1160484BB	SOF SURFACE CRAFT	14,475	14,475	14,475	14,475			[-24,000]
276	1160488BB	SOF MILITARY INFORMATION SUPPORT OPERATIONS	2,990	2,990	2,990	2,990			14,475
277	1160489BB	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	8,923	8,923	8,923	8,923			2,990
278	1160490BB	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	9,473	9,473	9,473	9,473			8,923
278A	9999999999	CLASSIFIED PROGRAMS	4,227,920	4,227,920	4,263,700	4,263,700			9,473
		Classified Adjustment			[35,780]	[35,780]			37,780
		File sanitization tool (FIST) authorization adjustment			[2,000]	[2,000]			[35,780]
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	5,399,045	5,408,045	5,440,881	5,440,881			-720
									5,398,325
279A	0901XXXD	UNDISTRIBUTED							
		UNDISTRIBUTED							0
		Undistributed reduction--additional unrestricted cut to DARPA topline			-200,000	-200,000			
		Undistributed reduction--DARPA Underexecution			[-50,000]	[-50,000]			
		SUBTOTAL UNDISTRIBUTED			-200,000	-200,000			0
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW	19,755,678	19,864,887	19,813,751	19,813,751			-318,878
									19,436,800
001	06051180TE	OPERATIONAL TEST & EVAL, DEFENSE							
002	06051310TE	RD&E MANAGEMENT SUPPORT							
003	06058140TE	OPERATIONAL TEST AND EVALUATION	60,444	60,444	60,444	60,444			60,444
		LIVE FIRE TEST AND EVALUATION	12,126	12,126	12,126	12,126			12,126
		OPERATIONAL TEST ACTIVITIES AND ANALYSES	118,722	118,722	118,722	118,722			118,722
		SUBTOTAL RD&E MANAGEMENT SUPPORT	191,292	191,292	191,292	191,292			191,292
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	191,292	191,292	191,292	191,292			191,292
		TOTAL RD&E	75,325,082	75,559,479	71,830,193	71,830,193			-3,754,365
									71,570,717