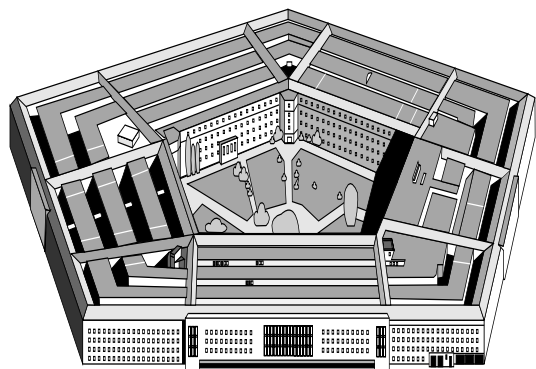


RDT&E PROGRAMS (R-1)



*Department of Defense Budget
Fiscal Year 2010
May 2009
Office of the Under Secretary of Defense (Comptroller)*

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Preface

The RDT&E Programs (R-1) is derived from and consistent with the Comptroller Information System database.

The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the transmittal of the President's Budget. This document is also provided to Office of Assistance Secretary of Defense (Public Affairs) for use by non-DoD activities, and is available to the public on the Internet at <http://www.dod.mil/comptroller>.

Office of the Under Secretary of Defense (Comptroller)

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 (Dollars in Thousands)

MAY 2009

<u>APPROPRIATION</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>
Research, Development, Test & Eval, Army	12,553,720	12,094,009	10,438,218	57,962	10,496,180
Research, Development, Test & Eval, Army, RA		75,000			
Research, Development, Test & Eval, Navy	18,486,652	19,960,591	19,270,932	107,180	19,378,112
Research, Development, Test, and Evaluation, Navy, Recovery Act		75,000			
Research, Development, Test & Eval, AF	26,346,815	27,160,480	27,992,827	29,286	28,022,113
Research, Development, Test, and Evaluation, Air Force, Recovery Ac		75,000			
Research, Development, Test & Eval, DW	21,882,520	22,028,134	20,741,542	115,826	20,857,368
Research, Development, Test, and Evaluation, Defense-Wide, Recovery		75,000			
Operational Test & Eval, Defense	178,167	187,022	190,770		190,770
Total Research, Development, Test & Evaluation	79,447,874	81,730,236	78,634,289	310,254	78,944,543
Less Proposed Cancellation*		-50,608*			
Adjusted Total Research, Development, Test & Evaluation	79,447,874	81,679,628	78,634,289	310,254	78,944,543

* Reflects \$45.608 million of a proposed \$2.9 billion cancellation from the Department's base budget (the Consolidated Security, Disaster Assistance, and Continuing Appropriations, Act 2009, (Public Law 110-329), for fuel savings to offset a portion of the additional Emergency Requests in FY 2009 Overseas Contingency Operations Supplemental Request (Acceleration/Grow the Force, Family Support, and National Capital Region Acceleration). Also reflects a \$5.0 million cancellation for certain classified programs that are now excess to requirements.

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<u>Summary Recap of Budget Activities</u>	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total
Basic Research	1,600,320	1,825,179	1,798,285		1,798,285
Applied Research	4,854,553	5,173,495	4,246,613		4,246,613
Advanced Technology Development	5,788,049	6,644,094	5,604,547		5,604,547
Advanced Component Development & Prototypes	15,651,482	15,756,485	14,306,062	17,000	14,323,062
System Development & Demonstration	18,141,045	18,805,873	17,845,452	18,598	17,864,050
RDT&E Management Support	5,900,800	4,688,340	4,556,859		4,556,859
Operational Systems Development	27,511,625	28,836,770	30,276,471	274,656	30,551,127
Total Research, Development, Test & Evaluation	79,447,874	81,730,236	78,634,289	310,254	78,944,543
Less Proposed Cancellation*		-50,608*			
Adjusted Total Research, Development, Test & Evaluation	79,447,874	81,679,628	78,634,289	310,254	78,944,543
<u>Summary Recap of FYDP Programs</u>					
Strategic Forces	711,349	604,133	1,256,456		1,256,456
General Purpose Forces	4,093,432	4,192,698	4,833,320	10,775	4,844,095
Intelligence and Communications	4,985,312	5,321,746	6,287,372	101,414	6,385,312
Mobility Forces	763,908	668,563	628,244		628,244
Research and Development	51,140,713	52,096,297	47,026,005	35,598	47,061,603
Central Supply and Maintenance	460,971	482,839	439,095		439,095
Training Medical and Other	10,971	25,097	47,472		47,472
Administration and Associated Activities	178,623	157,003	167,428		167,428
Support of Other Nations	20,053	31,173	78,233		78,233
Special Operations Forces	452,205	445,600	379,990		379,990
Classified Programs	16,630,337	17,705,087	17,490,674	162,467	17,656,615
Total Research, Development, Test & Evaluation	79,447,874	81,730,236	78,634,289	310,254	78,944,543
Less Proposed Cancellation*		-50,608*			
Adjusted Total Research, Development, Test & Evaluation	79,447,874	81,679,628	78,634,289	310,254	78,944,543

* Reflects \$45.608 million of a proposed \$2.9 billion cancellation from the Department's base budget (the Consolidated Security, Disaster Assistance, and Continuing Appropriations, Act 2009, (Public Law 110-329), for fuel savings to offset a portion of the additional Emergency Requests in FY 2009 Overseas Contingency Operations Supplemental Request (Acceleration/Grow the Force, Family Support, and National Capital Region Acceleration). Also reflects a \$5.0 million cancellation for certain classified programs that are now excess to requirements.

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MAY 2009

<u>Summary Recap of Budget Activities</u>	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total
Basic Research	373,403	437,792	377,260		377,260
Applied Research	1,176,556	1,229,755	781,197		781,197
Advanced Technology Development	1,319,901	1,400,201	695,217		695,217
Advanced Component Development & Prototypes	1,234,554	1,011,491	908,206		908,206
System Development & Demonstration	5,205,691	5,166,540	4,640,455	18,598	4,659,053
RDT&E Management Support	1,473,406	1,169,880	1,149,112		1,149,112
Operational Systems Development	1,770,209	1,678,350	1,886,771	39,364	1,926,135
Total Research, Development, Test & Eval, Army	12,553,720	12,094,009	10,438,218	57,962	10,496,180
 <u>Summary Recap of FYDP Programs</u>					
Strategic Forces	464,877	355,257	360,076		360,076
General Purpose Forces	548,528	757,548	531,955		531,955
Intelligence and Communications	614,152	410,357	894,698	39,364	934,062
Research and Development	10,829,464	10,475,211	8,579,140	18,598	8,597,738
Central Supply and Maintenance	92,294	91,801	68,466		68,466
Administration and Associated Activities	187				
Classified Programs	4,218	3,835	3,883		3,883
Total Research, Development, Test & Eval, Army	12,553,720	12,094,009	10,438,218	57,962	10,496,180

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Department of the Army
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 (Dollars in Thousands)

APPROPRIATION: 2040A Research, Development, Test & Eval, Army

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0601101A	In-House Laboratory Independent Research	01	19,706	19,766	19,671		19,671	U
2	0601102A	Defense Research Sciences	01	164,633	198,103	173,024		173,024	U
3	0601103A	University Research Initiatives	01	79,544	89,632	88,421		88,421	U
4	0601104A	University and Industry Research Centers	01	109,520	130,291	96,144		96,144	U
	Basic Research			373,403	437,792	377,260		377,260	
5	0602105A	Materials Technology	02	60,261	80,937	27,206		27,206	U
6	0602120A	Sensors and Electronic Survivability	02	61,180	75,299	50,641		50,641	U
7	0602122A	TRACTOR HIP	02	4,284	18,131	14,324		14,324	U
8	0602211A	Aviation Technology	02	42,547	46,898	41,332		41,332	U
9	0602270A	Electronic Warfare Technology	02	25,564	21,739	16,119		16,119	U
10	0602303A	Missile Technology	02	67,097	56,747	50,716		50,716	U
11	0602307A	Advanced Weapons Technology	02	24,354	23,187	19,678		19,678	U
12	0602308A	Advanced Concepts and Simulation	02	18,489	21,778	17,473		17,473	U
13	0602601A	Combat Vehicle and Automotive Technology	02	87,144	89,036	55,937		55,937	U
14	0602618A	Ballistics Technology	02	89,526	87,960	61,843		61,843	U
15	0602622A	Chemical, Smoke and Equipment Defeating Technology	02	10,248	8,906	5,293		5,293	U
16	0602623A	Joint Service Small Arms Program	02	6,798	9,102	7,674		7,674	U
17	0602624A	Weapons and Munitions Technology	02	100,973	102,339	41,085		41,085	U
18	0602705A	Electronics and Electronic Devices	02	124,115	99,687	61,404		61,404	U
19	0602709A	Night Vision Technology	02	34,440	46,691	26,893		26,893	U

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Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
20	0602712A	Countermine Systems	02	24,252	32,308	18,945		18,945	U
21	0602716A	Human Factors Engineering Technology	02	38,604	42,208	18,605		18,605	U
22	0602720A	Environmental Quality Technology	02	16,651	19,799	15,902		15,902	U
23	0602782A	Command, Control, Communications Technology	02	42,004	41,218	24,833		24,833	U
24	0602783A	Computer and Software Technology	02	8,676	6,274	5,639		5,639	U
25	0602784A	Military Engineering Technology	02	55,216	58,810	54,818		54,818	U
26	0602785A	Manpower/Personnel/Training Technology	02	15,841	16,358	18,701		18,701	U
27	0602786A	Warfighter Technology	02	36,752	36,133	27,109		27,109	U
28	0602787A	Medical Technology	02	181,540	188,210	99,027		99,027	U
	Applied Research			1,176,556	1,229,755	781,197		781,197	
29	0603001A	Warfighter Advanced Technology	03	65,489	73,352	37,574		37,574	U
30	0603002A	Medical Advanced Technology	03	299,436	321,260	72,940		72,940	U
31	0603003A	Aviation Advanced Technology	03	99,457	106,285	60,097		60,097	U
32	0603004A	Weapons and Munitions Advanced Technology	03	84,679	109,074	66,410		66,410	U
33	0603005A	Combat Vehicle and Automotive Advanced Technology	03	242,286	263,879	89,586		89,586	U
34	0603006A	Command, Control, Communications Advanced Technology	03	11,781	11,544	8,667		8,667	U
35	0603007A	Manpower, Personnel and Training Advanced Technology	03	6,632	6,830	7,410		7,410	U
36	0603008A	Electronic Warfare Advanced Technology	03	55,257	62,353	50,458		50,458	U
37	0603009A	TRACTOR HIKE	03	12,249	14,514	11,328		11,328	U

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Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
38	0603015A	Next Generation Training & Simulation Systems	03	23,292	25,298	19,415		19,415	U
39	0603020A	TRACTOR ROSE	03	6,306	11,536	14,569		14,569	U
40	0603103A	Explosives Demilitarization Technology	03	20,916	13,720				U
41	0603105A	Military HIV Research	03	14,490	15,064	6,657		6,657	U
42	0603125A	Combating Terrorism, Technology Development	03	13,220	13,022	11,989		11,989	U
43	0603270A	Electronic Warfare Technology	03	41,902	33,086	19,192		19,192	U
44	0603313A	Missile and Rocket Advanced Technology	03	77,171	76,702	63,951		63,951	U
45	0603322A	TRACTOR CAGE	03	17,857	12,331	12,154		12,154	U
46	0603606A	Landmine Warfare and Barrier Advanced Technology	03	30,038	37,534	30,317		30,317	U
47	0603607A	Joint Service Small Arms Program	03	16,367	8,781	8,996		8,996	U
48	0603710A	Night Vision Advanced Technology	03	62,618	70,682	40,329		40,329	U
49	0603728A	Environmental Quality Technology Demonstrations	03	14,611	15,468	15,706		15,706	U
50	0603734A	Military Engineering Advanced Technology	03	34,581	35,855	5,911		5,911	U
51	0603772A	Advanced Tactical Computer Science and Sensor Technology	03	69,266	62,031	41,561		41,561	U
		Advanced Technology Development		1,319,901	1,400,201	695,217		695,217	
52	0603024A	Unique Item Identification (UID)	04	645	646				U
53	0603305A	Army Missile Defense Systems Integration(Non Space)	04	128,776	90,765	14,683		14,683	U
54	0603308A	Army Missile Defense Systems Integration (Space)	04	58,078	47,828	117,471		117,471	U

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Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
55	0603327A	Air and Missile Defense Systems Engineering	04	155,669	118,816	209,531		209,531	U
56	0603460A	Joint Air-to-Ground Missile (JAGM)	04	51,690					U
57	0603619A	Landmine Warfare and Barrier - Adv Dev	04	19,120	14,186	17,536		17,536	U
58	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	04	9,104	3,826	4,920		4,920	U
59	0603639A	Tank and Medium Caliber Ammunition	04	46,160	40,731	33,934		33,934	U
60	0603653A	Advanced Tank Armament System (ATAS)	04	127,662	79,350	90,299		90,299	U
61	0603747A	Soldier Support and Survivability	04	36,851	32,575	31,752		31,752	U
62	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	14,428	12,235	18,228		18,228	U
63	0603774A	Night Vision Systems Advanced Development	04	2,519	2,580				U
64	0603779A	Environmental Quality Technology	04	26,474	15,304	4,770		4,770	U
65	0603782A	Warfighter Information Network-Tactical	04	309,081	393,054	180,673		180,673	U
66	0603790A	NATO Research and Development	04	4,791	5,025	5,048		5,048	U
67	0603801A	Aviation - Adv Dev	04	8,876	9,822	8,537		8,537	U
68	0603804A	Logistics and Engineer Equipment - Adv Dev	04	133,007	43,995	56,373		56,373	U
69	0603805A	Combat Service Support Control System Evaluation and Analysis	04	14,389	17,729	9,868		9,868	U
70	0603807A	Medical Systems - Adv Dev	04	25,207	30,207	31,275		31,275	U
71	0603827A	Soldier Systems - Advanced Development	04	26,181	41,616	71,832		71,832	U

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72	0603850A	Integrated Broadcast Service	04	35,846	11,201	1,476		1,476	U
		Advanced Component Development & Prototypes		1,234,554	1,011,491	908,206		908,206	
73	0604201A	Aircraft Avionics	05	52,802	71,325	92,977		92,977	U
74	0604220A	Armed, Deployable Helos	05	176,132	135,205	65,515		65,515	U
75	0604270A	Electronic Warfare Development	05	53,809	36,206	248,463	18,598	267,061	U
76	0604321A	All Source Analysis System	05	7,023	16,411	13,107		13,107	U
77	0604328A	TRACTOR CAGE	05	17,235	16,752	16,286		16,286	U
78	0604601A	Infantry Support Weapons	05	59,602	58,064	74,814		74,814	U
79	0604604A	Medium Tactical Vehicles	05	4,633	1,943	5,683		5,683	U
80	0604609A	Smoke, Obscurant and Target Defeating Sys-SDD	05	1,302	5,584	978		978	U
81	0604622A	Family of Heavy Tactical Vehicles	05	15,016	4,487	7,477		7,477	U
82	0604633A	Air Traffic Control	05	11,676	14,167	7,578		7,578	U
83	0604646A	Non-Line of Sight Launch System	05	246,071	208,009	88,660		88,660	U
84	0604647A	Non-Line of Sight Cannon	05	133,139	89,545	58,216		58,216	U
85	0604660A	FCS Manned Grd Vehicles & Common Grd Vehicle	05	635,846	782,664	368,557		368,557	U
86	0604661A	FCS Systems of Systems Engr & Program Mgmt	05	1,292,514	1,414,756	1,067,191		1,067,191	U
87	0604662A	FCS Reconnaissance (UAV) Platforms	05	42,772	57,190	68,701		68,701	U
88	0604663A	FCS Unmanned Ground Vehicles	05	78,826	102,976	125,616		125,616	U
89	0604664A	FCS Unattended Ground Sensors	05	22,007	17,011	26,919		26,919	U
90	0604665A	FCS Sustainment & Training R&D	05	724,397	556,301	749,182		749,182	U
91	0604666A	Spin Out Technology/Capability Insertion	05	84,111	111,032				U

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Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	SE C
92	0604710A	Night Vision Systems - SDD	05	48,826	116,037	55,410		55,410	U
93	0604713A	Combat Feeding, Clothing, and Equipment	05	2,417	2,491	2,092		2,092	U
94	0604715A	Non-System Training Devices - SDD	05	35,361	38,299	30,209		30,209	U
95	0604741A	Air Defense Command, Control and Intelligence - SDD	05	56,549	22,340	28,936		28,936	U
96	0604742A	Constructive Simulation Systems Development	05	30,737	26,158	33,213		33,213	U
97	0604746A	Automatic Test Equipment Development	05	11,546	18,521	15,320		15,320	U
98	0604760A	Distributive Interactive Simulations (DIS) - SDD	05	19,738	17,717	15,727		15,727	U
99	0604778A	Positioning Systems Development (SPACE)	05			9,446		9,446	U
100	0604780A	Combined Arms Tactical Trainer (CATT) Core	05	34,684	30,566	26,243		26,243	U
101	0604783A	Joint Network Management System	05	2,658	673				U
102	0604802A	Weapons and Munitions - SDD	05	63,434	57,948	34,878		34,878	U
103	0604804A	Logistics and Engineer Equipment - SDD	05	40,019	38,391	36,018		36,018	U
104	0604805A	Command, Control, Communications Systems - SDD	05	9,188	9,762	88,995		88,995	U
105	0604807A	Medical Materiel/Medical Biological Defense Equipment - SDD	05	23,397	45,222	33,893		33,893	U
106	0604808A	Landmine Warfare/Barrier - SDD	05	172,146	116,687	82,260		82,260	U
107	0604814A	Artillery Munitions	05	62,490	79,134	42,452		42,452	U
108	0604817A	Combat Identification	05	10,866	10,873	20,070		20,070	U

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Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
109	0604818A	Army Tactical Command & Control Hardware & Software	05	109,923	65,317	90,864		90,864	U
110	0604820A	Radar Development	05	6,828					U
111	0604822A	General Fund Enterprise Business System (GFEBs)	05	108,358	50,142	6,002		6,002	U
112	0604823A	Firefinder	05	84,546	47,688	20,333		20,333	U
113	0604827A	Soldier Systems - Warrior Dem/Val	05	1,545	17,730	19,786		19,786	U
114	0604854A	Artillery Systems	05	30,603	33,190	23,318		23,318	U
115	0604869A	Patriot/MEADS Combined Aggregate Program (CAP)	05	401,565	429,846	569,182		569,182	U
116	0604870A	Nuclear Arms Control Monitoring Sensor Network	05	6,980	6,240	7,140		7,140	U
117	0605013A	Information Technology Development	05	172,374	67,815	35,309		35,309	U
118	0605450A	Joint Air-to-Ground Missile (JAGM)	05		118,125	127,439		127,439	U
119	0605625A	Manned Ground Vehicle	05			100,000		100,000	U
	System Development & Demonstration			5,205,691	5,166,540	4,640,455	18,598	4,659,053	
120	0604256A	Threat Simulator Development	06	22,912	25,092	22,222		22,222	U
121	0604258A	Target Systems Development	06	15,402	13,453	13,615		13,615	U
122	0604759A	Major T&E Investment	06	64,536	64,404	51,846		51,846	U
123	0605103A	Rand Arroyo Center	06	18,618	20,272	16,305		16,305	U
124	0605301A	Army Kwajalein Atoll	06	180,812	174,024	163,514		163,514	U
125	0605326A	Concepts Experimentation Program	06	28,873	33,918	23,445		23,445	U
126	0605502A	Small Business Innovative Research	06	302,958					U
127	0605601A	Army Test Ranges and Facilities	06	349,886	346,431	354,693		354,693	U

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APPROPRIATION: 2040A Research, Development, Test & Eval, Army

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
128	0605602A	Army Technical Test Instrumentation and Targets	06	89,281	80,705	72,911		72,911	U
129	0605604A	Survivability/Lethality Analysis	06	40,693	40,929	45,016		45,016	U
130	0605605A	DOD High Energy Laser Test Facility	06	8,394	6,813	2,891		2,891	U
131	0605606A	Aircraft Certification	06	4,623	5,037	3,766		3,766	U
132	0605702A	Meteorological Support to RDT&E Activities	06	8,153	8,262	8,391		8,391	U
133	0605706A	Materiel Systems Analysis	06	16,927	16,971	19,969		19,969	U
134	0605709A	Exploitation of Foreign Items	06	3,292	3,909	5,432		5,432	U
135	0605712A	Support of Operational Testing	06	73,003	74,695	77,877		77,877	U
136	0605716A	Army Evaluation Center	06	59,347	63,173	66,309		66,309	U
137	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ	06	5,169	5,308	5,357		5,357	U
138	0605801A	Programwide Activities	06	72,413	73,504	77,823		77,823	U
139	0605803A	Technical Information Activities	06	44,484	44,359	51,620		51,620	U
140	0605805A	Munitions Standardization, Effectiveness and Safety	06	39,812	47,898	45,053		45,053	U
141	0605857A	Environmental Quality Technology Mgmt Support	06	8,790	5,110	5,191		5,191	U
142	0605898A	Management HQ - R&D	06	14,841	15,613	15,866		15,866	U
143	0909999A	Financing for Cancelled Account Adjustments	06	187					U
		RDT&E Management Support		1,473,406	1,169,880	1,149,112		1,149,112	
144	0603778A	MLRS Product Improvement Program	07	42,374	59,552	27,693		27,693	U
145	0603820A	Weapons Capability Modifications UAV	07	3,766					U

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APPROPRIATION: 2040A Research, Development, Test & Eval, Army

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
146	0102419A	Aerostat Joint Project Office	07	464,877	355,257	360,076		360,076	U
147	0203726A	Adv Field Artillery Tactical Data System	07	16,146	16,605	23,727		23,727	U
148	0203735A	Combat Vehicle Improvement Programs	07	42,809	143,041	190,301		190,301	U
149	0203740A	Maneuver Control System	07	43,601	37,028	21,394		21,394	U
150	0203744A	Aircraft Modifications/Product Improvement Programs	07	327,331	459,414	209,401		209,401	U
151	0203752A	Aircraft Engine Component Improvement Program	07	461	331	792		792	U
152	0203758A	Digitization	07	10,426	9,502	10,692		10,692	U
153	0203759A	Force XXI Battle Command, Brigade and Below (FBCB2)	07	30,974	23,341				U
154	0203801A	Missile/Air Defense Product Improvement Program	07	29,186	37,747	39,273		39,273	U
155	0203802A	Other Missile Product Improvement Programs	07	1,832	5,209				U
156	0203808A	TRACTOR CARD	07	16,007	19,536	20,035		20,035	U
157	0208010A	Joint Tactical Communications Program (TRI-TAC)	07	1,469	917				U
158	0208053A	Joint Tactical Ground System	07	23,313	1,951	13,258		13,258	U
159	0208058A	Joint High Speed Vessel (JHSV)	07	4,973	2,926	3,082		3,082	U
161	0303028A	Security and Intelligence Activities	07	27,653	3,190	2,144	7,644	9,788	U
162	0303140A	Information Systems Security Program	07	52,045	43,053	74,355	2,220	76,575	U
163	0303141A	Global Combat Support System	07	125,480	104,588	144,733		144,733	U
164	0303142A	SATCOM Ground Environment (SPACE)	07	45,316	58,902	40,097		40,097	U

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APPROPRIATION: 2040A Research, Development, Test & Eval, Army

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
165	0303150A	WWMCCS/Global Command and Control System	07	24,197	12,879	12,034		12,034	U
166	0303158A	Joint Command and Control Program (JC2)	07	15,655	15,153	20,365		20,365	U
167	0305204A	Tactical Unmanned Aerial Vehicles	07	188,257	103,930	202,521	29,500	232,021	U
168	0305208A	Distributed Common Ground/Surface Systems	07	128,334	68,662	188,414		188,414	U
169	0305287A	Base Exped Targeting Surveillance Sys-Combined	07	7,215					U
170	0307207A	Aerial Common Sensor (ACS)	07			210,035		210,035	U
171	0702239A	Avionics Component Improvement Program	07	989	1,019				U
172	0708045A	End Item Industrial Preparedness Activities	07	91,305	90,782	68,466		68,466	U
9999	9999999999	Classified Programs		4,218	3,835	3,883		3,883	U
		Operational Systems Development		1,770,209	1,678,350	1,886,771	39,364	1,926,135	
		Total Research, Development, Test & Eval, Army		12,553,720	12,094,009	10,438,218	57,962	10,496,180	

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 Summary
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MAY 2009

<u>Summary Recap of Budget Activities</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>
Applied Research		33,048			
Advanced Technology Development		39,852			
Management Support		2,100			
Total Research, Development, Test & Eval, Army, RA		75,000			
<u>Summary Recap of FYDP Programs</u>					
Research and Development		75,000			
Classified Programs					
Total Research, Development, Test & Eval, Army, RA		75,000			

Department of the Army
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 (Dollars in Thousands)

APPROPRIATION: 2041A Research, Development, Test & Eval, Army, RA

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0632002A	High Temperature Silicon Carbide (SiC) Power Semiconductors (Applied Research)	02		12,150				U
2	0632006A	Lightweight, Flexible, Cost Effective Solar Energy Photovoltaics	02		14,580				U
3	0632007A	Develop smaller, lighter cogeneration and absorption environmental control syste	02		6,318				U
	Applied Research				33,048				
4	0633001A	Advanced Power Electronics Ground Systems Testbed Equipment	03		14,580				U
5	0633003A	High Temperature Silicon Carbide (SiC) Power Semiconductors (Advanced Research)	03		12,150				U
6	0633004A	Ultra Low Energy Community Systems	03		2,916				U
7	0633005A	Energy Security Audit & Islanding Methodology	03		6,804				U
8	0633008A	Micro-Grid Field Scaled Demonstration	03		3,402				U
	Advanced Technology Development				39,852				
9	0636016A	SBIR/STTR	06		2,100				U
	Management Support				2,100				
Total Research, Development, Test & Eval, Army, RA					75,000				

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 Summary
 (Dollars in Thousands)

MAY 2009

<u>Summary Recap of Budget Activities</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>
Basic Research	490,457	545,866	531,291		531,291
Applied Research	787,514	774,095	593,975		593,975
Advanced Technology Development	743,180	833,342	720,896		720,896
Advanced Component Development & Prototypes	3,161,661	3,520,741	4,163,795	17,000	4,180,795
System Development & Demonstration	7,968,416	8,685,078	7,975,882		7,975,882
RDT&E Management Support	1,209,249	970,398	982,509		982,509
Operational Systems Development	4,126,175	4,631,071	4,302,584	90,180	4,392,764
Total Research, Development, Test & Eval, Navy	18,486,652	19,960,591	19,270,932	107,180	19,378,112
Less Proposed Cancellation*		-35,510*			
Adjusted Total Research, Development, Test & Eval, Navy	18,486,652	19,925,081	19,270,932	107,180	19,378,112
<u>Summary Recap of FYDP Programs</u>					
Strategic Forces	136,061	163,337	160,611		160,611
General Purpose Forces	1,085,088	997,168	1,891,405		1,891,405
Intelligence and Communications	1,274,560	1,530,704	1,317,810	57,900	1,375,710
Research and Development	14,509,605	15,647,270	14,564,800	17,000	14,581,800
Central Supply and Maintenance	92,918	74,685	74,091		74,091
Training Medical and Other	4,932	5,134	4,197		4,197
Administration and Associated Activities	2,595				
Classified Programs	1,380,893	1,542,293	1,258,018	32,280	1,290,298
Total Research, Development, Test & Eval, Navy	18,486,652	19,960,591	19,270,932	107,180	19,378,112
Less Proposed Cancellation*		-35,510*			
Adjusted Total Research, Development, Test & Eval, Navy	18,486,652	19,925,081	19,270,932	107,180	19,378,112

* Reflects \$30.510 million of a proposed \$2.9 billion cancellation from the Department's base budget (the Consolidated Security, Disaster Assistance, and Continuing Appropriations, Act 2009, (Public Law 110-329), for fuel savings to offset a portion of the additional Emergency Requests in FY 2009 Overseas Contingency Operations Supplemental Request (Acceleration/Grow the Force, Family Support, and National Capital Region Acceleration). Also reflects a \$5.0 million cancellation for certain classified programs that are now excess to requirements.

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APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0601103N	University Research Initiatives	01	96,672	108,612	99,472		99,472	U
2	0601152N	In-House Laboratory Independent Research	01	16,390	17,251	18,076		18,076	U
3	0601153N	Defense Research Sciences	01	377,395	420,003	413,743		413,743	U
		Basic Research		490,457	545,866	531,291		531,291	
4	0602114N	Power Projection Applied Research	02	103,744	98,834	59,787		59,787	U
5	0602123N	Force Protection Applied Research	02	183,653	186,870	91,400		91,400	U
6	0602131M	Marine Corps Landing Force Technology	02	31,258	42,864	39,308		39,308	U
7	0602234N	Materials, Electronics and Computer Technology	02	1,931	7,280				U
8	0602235N	Common Picture Applied Research	02	105,732	85,235	83,163		83,163	U
9	0602236N	Warfighter Sustainment Applied Research	02	100,864	115,767	104,169		104,169	U
10	0602271N	Electromagnetic Systems Applied Research	02	60,187	59,682	64,816		64,816	U
11	0602435N	Ocean Warfighting Environment Applied Research	02	52,499	51,538	48,750		48,750	U
12	0602651M	Joint Non-Lethal Weapons Applied Research	02	5,974	6,067	6,008		6,008	U
13	0602747N	Undersea Warfare Applied Research	02	71,841	65,241	55,694		55,694	U
14	0602782N	Mine and Expeditionary Warfare Applied Research	02	69,831	54,717	40,880		40,880	U
		Applied Research		787,514	774,095	593,975		593,975	
15	0603114N	Power Projection Advanced Technology	03	94,020	81,907	107,969		107,969	U
16	0603123N	Force Protection Advanced Technology	03	125,869	113,543	66,035		66,035	U

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APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
17	0603235N	Common Picture Advanced Technology	03	94,939	90,080	108,394		108,394	U
18	0603236N	Warfighter Sustainment Advanced Technology	03	90,353	137,507	86,239		86,239	U
19	0603271N	Electromagnetic Systems Advanced Technology	03	43,599	55,867	65,827		65,827	U
20	0603640M	USMC Advanced Technology Demonstration (ATD)	03	90,671	103,333	107,363		107,363	U
21	0603651M	Joint Non-Lethal Weapons Technology Development	03	10,667	12,985	10,998		10,998	U
22	0603729N	Warfighter Protection Advanced Technology	03	50,670	53,783	18,609		18,609	U
23	0603747N	Undersea Warfare Advanced Technology	03	73,123	83,632	68,037		68,037	U
24	0603758N	Navy Warfighting Experiments and Demonstrations	03	41,100	66,173	52,643		52,643	U
25	0603782N	Mine and Expeditionary Warfare Advanced Technology	03	28,169	34,532	28,782		28,782	U
	Advanced Technology Development			743,180	833,342	720,896		720,896	
26	0603207N	Air/Ocean Tactical Applications	04	39,300	67,533	116,082		116,082	U
27	0603216N	Aviation Survivability	04	21,302	13,674	6,505	8,000	14,505	U
28	0603237N	Deployable Joint Command and Control	04	8,906	7,086	6,032		6,032	U
29	0603254N	ASW Systems Development	04	20,640	37,081	16,585		16,585	U
30	0603261N	Tactical Airborne Reconnaissance	04	6,837	4,286	7,713		7,713	U
31	0603382N	Advanced Combat Systems Technology	04	9,620	7,125	1,677		1,677	U
32	0603502N	Surface and Shallow Water Mine Countermeasures	04	88,432	123,095	76,739		76,739	U
33	0603506N	Surface Ship Torpedo Defense	04	32,668	51,591	57,538		57,538	U

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APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	SEC
34	0603512N	Carrier Systems Development	04	85,742	147,710	173,594		173,594	U
35	0603513N	Shipboard System Component Development	04	42,565	26,830	1,691		1,691	U
36	0603525N	PILOT FISH	04	129,504	85,466	79,194		79,194	U
37	0603527N	RETRACT LARCH	04	104,556	92,800	99,757		99,757	U
38	0603536N	RETRACT JUNIPER	04	46,373	158,582	120,752		120,752	U
39	0603542N	Radiological Control	04	2,666	1,091	1,372		1,372	U
40	0603553N	Surface ASW	04	45,671	48,243	21,995		21,995	U
41	0603561N	Advanced Submarine System Development	04	152,499	150,826	551,836	9,000	560,836	U
42	0603562N	Submarine Tactical Warfare Systems	04	14,685	13,772	10,172		10,172	U
43	0603563N	Ship Concept Advanced Design	04	39,652	31,019	22,541		22,541	U
44	0603564N	Ship Preliminary Design & Feasibility Studies	04	25,611	24,789	28,135		28,135	U
45	0603570N	Advanced Nuclear Power Systems	04	165,140	157,841	259,887		259,887	U
46	0603573N	Advanced Surface Machinery Systems	04	1,555	9,175	5,599		5,599	U
47	0603576N	CHALK EAGLE	04	196,258	351,113	443,555		443,555	U
48	0603581N	Littoral Combat Ship (LCS)	04	309,446	368,277	360,518		360,518	U
49	0603582N	Combat System Integration	04	52,316	64,204	22,558		22,558	U
50	0603609N	Conventional Munitions	04	7,018	8,102	3,458		3,458	U
51	0603611M	Marine Corps Assault Vehicles	04	240,532	255,274	293,466		293,466	U
52	0603612M	USMC Mine Countermeasures Systems - Adv Dev	04	801					U
53	0603635M	Marine Corps Ground Combat/ Support System	04	54,405	65,261	73,798		73,798	U

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Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
54	0603654N	Joint Service Explosive Ordnance Development	04	80,949	114,201	21,054		21,054	U
55	0603658N	Cooperative Engagement	04	34,916	42,999	56,586		56,586	U
56	0603713N	Ocean Engineering Technology Development	04	8,812	7,716	17,328		17,328	U
57	0603721N	Environmental Protection	04	20,413	20,776	20,661		20,661	U
58	0603724N	Navy Energy Program	04	5,968	10,283	8,476		8,476	U
59	0603725N	Facilities Improvement	04	9,175	18,835	4,002		4,002	U
60	0603734N	CHALK CORAL	04	26,502	117,225	70,772		70,772	U
61	0603739N	Navy Logistic Productivity	04	18,910	17,798	4,301		4,301	U
62	0603746N	RETRACT MAPLE	04	349,905	137,493	210,237		210,237	U
63	0603748N	LINK PLUMERIA	04	88,361	60,100	69,313		69,313	U
64	0603751N	RETRACT ELM	04	71,887	138,762	152,151		152,151	U
65	0603755N	Ship Self Defense	04	10,617	10,971	6,960		6,960	U
66	0603764N	LINK EVERGREEN	04	64,987	75,789	123,660		123,660	U
67	0603787N	Special Processes	04	42,779	60,461	54,115		54,115	U
68	0603790N	NATO Research and Development	04	10,960	10,102	10,194		10,194	U
69	0603795N	Land Attack Technology	04	49,919	17,984	1,238		1,238	U
70	0603851M	Nonlethal Weapons	04	56,459	49,165	46,971		46,971	U
71	0603860N	Joint Precision Approach and Landing Systems	04	66,789	77,215	150,304		150,304	U
72	0603879N	Single Integrated Air Picture (SIAP) System Engineer (SE)	04	45,615	41,682	52,716		52,716	U
73	0603889N	Counterdrug RDT&E Projects	04	65,177					U

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Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
74	0603925N	Directed Energy and Electric Weapon Systems	04	3,470	4,548	5,003		5,003	U
75	0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM)	04	32,364	66,663	63,702		63,702	U
76	0604450N	Joint Air-to-Ground Missile (JAGM)	04	11,626					U
77	0604653N	Joint Counter Radio Controlled IED Electronic Warfare (JCREW)	04			67,843		67,843	U
78	0604659N	Precision Strike Weapons Development Program	04			40,926		40,926	U
79	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	04	40,401	48,127	42,533		42,533	U
	Advanced Component Development & Prototypes			3,161,661	3,520,741	4,163,795	17,000	4,180,795	
80	0604212N	Other Helo Development	05	51,495	58,052	54,092		54,092	U
81	0604214N	AV-8B Aircraft - Eng Dev	05	22,128	29,843	20,886		20,886	U
82	0604215N	Standards Development	05	103,976	66,794	53,540		53,540	U
83	0604216N	Multi-Mission Helicopter Upgrade Development	05	74,205	70,131	81,953		81,953	U
84	0604218N	Air/Ocean Equipment Engineering	05	4,738	5,731	7,485		7,485	U
85	0604221N	P-3 Modernization Program	05	4,511	3,579	3,659		3,659	U
86	0604230N	Warfare Support System	05	6,116	12,577	6,307		6,307	U
87	0604231N	Tactical Command System	05	87,363	102,388	86,462		86,462	U
88	0604234N	Advanced Hawkeye	05	785,792	482,848	364,557		364,557	U
89	0604245N	H-1 Upgrades	05	4,452	3,785	32,830		32,830	U
90	0604261N	Acoustic Search Sensors	05	18,742	39,652	56,369		56,369	U
91	0604262N	V-22A	05	125,157	72,477	89,512		89,512	U

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Department of the Navy
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 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
92	0604264N	Air Crew Systems Development	05	23,272	16,148	14,265		14,265	U
93	0604269N	EA-18	05	269,379	129,746	55,446		55,446	U
94	0604270N	Electronic Warfare Development	05	50,900	90,686	97,635		97,635	U
95	0604273N	VH-71A Executive Helo Development	05	226,494	832,701	85,240		85,240	U
96	0604274N	Next Generation Jammer (NGJ)	05			127,970		127,970	U
97	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)	05	830,792	845,184	876,374		876,374	U
98	0604300N	SC-21 Total Ship System Engineering	05	622,812	596,323				U
99	0604307N	Surface Combatant Combat System Engineering	05	151,609	200,330	178,459		178,459	U
100	0604311N	LPD-17 Class Systems Integration	05	4,175	982	5,304		5,304	U
101	0604329N	Small Diameter Bomb (SDB)	05	11,252	19,512	43,902		43,902	U
102	0604366N	Standard Missile Improvements	05	214,644	237,010	182,197		182,197	U
103	0604373N	Airborne MCM	05	55,422	41,769	48,712		48,712	U
104	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering	05	14,612	13,297	11,727		11,727	U
105	0604501N	Advanced Above Water Sensors	05	113,107	138,576	236,078		236,078	U
106	0604503N	SSN-688 and Trident Modernization	05	114,354	143,015	122,733		122,733	U
107	0604504N	Air Control	05	4,348	8,169	6,533		6,533	U
108	0604512N	Shipboard Aviation Systems	05	37,495	45,519	80,623		80,623	U
109	0604518N	Combat Information Center Conversion	05	18,163	17,732	13,305		13,305	U
110	0604558N	New Design SSN	05	239,774	189,833	154,756		154,756	U
111	0604561N	SSN-21 Developments	05	1,946					U

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 (Dollars in Thousands)

APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
112	0604562N	Submarine Tactical Warfare System	05	55,128	66,402	59,703		59,703	U
113	0604567N	Ship Contract Design/ Live Fire T&E	05	61,528	80,901	89,988		89,988	U
114	0604574N	Navy Tactical Computer Resources	05			4,620		4,620	U
115	0604601N	Mine Development	05	2,030	2,003	2,249		2,249	U
116	0604610N	Lightweight Torpedo Development	05	26,293	52,190	21,105		21,105	U
117	0604654N	Joint Service Explosive Ordnance Development	05	10,082	10,829	10,327		10,327	U
118	0604703N	Personnel, Training, Simulation, and Human Factors	05	8,561	5,249	5,898		5,898	U
119	0604727N	Joint Standoff Weapon Systems	05	28,804	22,449	10,022		10,022	U
120	0604755N	Ship Self Defense (Detect & Control)	05	34,564	44,877	35,459		35,459	U
121	0604756N	Ship Self Defense (Engage: Hard Kill)	05	73,829	46,811	34,236		34,236	U
122	0604757N	Ship Self Defense (Engage: Soft Kill/EW)	05	36,461	63,801	88,895		88,895	U
123	0604761N	Intelligence Engineering	05	10,368	15,556	14,438		14,438	U
124	0604771N	Medical Development	05	49,656	39,725	9,888		9,888	U
125	0604777N	Navigation/ID System	05	43,486	48,874	63,184		63,184	U
126	0604784N	Distributed Surveillance System	05		1,995				U
127	0604800N	Joint Strike Fighter (JSF)	05	1,848,883	1,744,612	1,741,296		1,741,296	U
128	0605013M	Information Technology Development	05	28,068	30,156	9,868		9,868	U
129	0605013N	Information Technology Development	05	71,747	91,643	69,026		69,026	U
130	0605212N	CH-53K RDTE	05	386,305	568,939	554,827		554,827	U

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Department of the Navy
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 (Dollars in Thousands)

APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	SEC
131	0605430N	C/KC-130 Avionics Modernization Program (AMP)	05		24,341				U
132	0605450N	Joint Air-to-Ground Missile (JAGM)	05		62,155	81,434		81,434	U
133	0605500N	Multi-mission Maritime Aircraft (MMA)	05	861,136	1,128,953	1,162,417		1,162,417	U
134	0204201N	CG(X)	05			150,022		150,022	U
135	0204202N	DDG-1000	05			539,053		539,053	U
136	0304785N	Tactical Cryptologic Systems	05	38,262	18,228	19,016		19,016	U
	System Development & Demonstration			7,968,416	8,685,078	7,975,882		7,975,882	
137	0604256N	Threat Simulator Development	06	23,526	24,891	25,534		25,534	U
138	0604258N	Target Systems Development	06	31,545	80,119	79,603		79,603	U
139	0604759N	Major T&E Investment	06	41,328	52,050	44,844		44,844	U
140	0605152N	Studies and Analysis Support - Navy	06	15,782	8,062	11,422		11,422	U
141	0605154N	Center for Naval Analyses	06	47,368	47,500	49,821		49,821	U
142	0605502N	Small Business Innovative Research	06	326,650	399				U
143	0605804N	Technical Information Services	06	20,944	15,571	735		735	U
144	0605853N	Management, Technical & International Support	06	46,865	51,264	60,590		60,590	U
145	0605856N	Strategic Technical Support	06	3,359	3,586	3,633		3,633	U
146	0605861N	RDT&E Science and Technology Management	06	68,212	69,724	70,942		70,942	U
147	0605862N	RDT&E Instrumentation Modernization	06	1,382					U
148	0605863N	RDT&E Ship and Aircraft Support	06	178,653	194,489	193,353		193,353	U
149	0605864N	Test and Evaluation Support	06	334,124	345,317	380,733		380,733	U

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APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
150	0605865N	Operational Test and Evaluation Capability	06	12,092	12,162	12,010		12,010	U
151	0605866N	Navy Space and Electronic Warfare (SEW) Support	06	2,366	2,700	2,703		2,703	U
152	0605867N	SEW Surveillance/Reconnaissance Support	06	23,915	25,270	20,921		20,921	U
153	0605873M	Marine Corps Program Wide Support	06	22,113	30,167	19,004		19,004	U
154	0305885N	Tactical Cryptologic Activities	06	1,498	1,993	2,464		2,464	U
155	0804758N	Service Support to JFCOM, JNTC	06	4,932	5,134	4,197		4,197	U
156	0909999N	Financing for Cancelled Account Adjustments	06	2,595					U
		RDT&E Management Support		1,209,249	970,398	982,509		982,509	
158	0604227N	HARPOON Modifications	07	42,495	68,029				U
159	0604402N	Unmanned Combat Air Vehicle (UCAV) Advanced Component and Prototype Development	07	153,920	275,076	311,204		311,204	U
160	0101221N	Strategic Sub & Weapons System Support	07	64,292	78,561	74,939		74,939	U
161	0101224N	SSBN Security Technology Program	07	32,210	34,039	34,479		34,479	U
162	0101226N	Submarine Acoustic Warfare Development	07	3,923	7,364	7,211		7,211	U
163	0101402N	Navy Strategic Communications	07	35,636	43,373	43,982		43,982	U
164	0203761N	Rapid Technology Transition (RTT)	07	38,796	34,371	39,125		39,125	U
165	0204136N	F/A-18 Squadrons	07	43,047	73,424	127,733		127,733	U
166	0204152N	E-2 Squadrons	07	18,969	53,949	63,058		63,058	U
167	0204163N	Fleet Telecommunications (Tactical)	07	23,137	26,528	37,431		37,431	U

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Department of the Navy
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 (Dollars in Thousands)

APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
168	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	07	14,633	18,155	13,238		13,238	U
169	0204311N	Integrated Surveillance System	07	30,743	28,677	24,835		24,835	U
170	0204413N	Amphibious Tactical Support Units (Displacement Craft)	07	1,789	2,319	2,324		2,324	U
171	0204571N	Consolidated Training Systems Development	07	14,824	27,582	49,293		49,293	U
172	0204574N	Cryptologic Direct Support	07	1,434	1,437	1,609		1,609	U
173	0204575N	Electronic Warfare (EW) Readiness Support	07	34,959	24,209	37,524		37,524	U
174	0205601N	HARM Improvement	07	70,053	33,835	30,045		30,045	U
175	0205604N	Tactical Data Links	07	5,109	4,226	25,003		25,003	U
176	0205620N	Surface ASW Combat System Integration	07	16,478	22,459	41,803		41,803	U
177	0205632N	MK-48 ADCAP	07	19,720	26,169	28,438		28,438	U
178	0205633N	Aviation Improvements	07	95,667	99,986	135,840		135,840	U
179	0205658N	Navy Science Assistance Program	07	5,843	3,615	3,716		3,716	U
180	0205675N	Operational Nuclear Power Systems	07	71,264	71,382	72,031		72,031	U
181	0206313M	Marine Corps Communications Systems	07	347,524	289,060	287,348		287,348	U
182	0206623M	Marine Corps Ground Combat/ Supporting Arms Systems	07	80,487	119,054	120,379		120,379	U
183	0206624M	Marine Corps Combat Services Support	07	124,955	9,620	17,057		17,057	U
184	0206625M	USMC Intelligence/Electronic Warfare Systems (MIP)	07			30,167		30,167	U
185	0207161N	Tactical AIM Missiles	07	4,808	6,661	2,298		2,298	U

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Department of the Navy
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 (Dollars in Thousands)

APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

<u>Line No</u>	<u>Program Element Number</u>	<u>Item</u>	<u>Act</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>	<u>S E C</u>
186	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	2,496	8,533	3,604		3,604	U
187	0208058N	Joint High Speed Vessel (JHSV)	07	18,353	11,917	8,431		8,431	U
192	0303109N	Satellite Communications (SPACE)	07	715,169	651,252	474,009		474,009	U
193	0303138N	Consolidated Afloat Network Enterprise Services (CANES)	07			45,513		45,513	U
194	0303140N	Information Systems Security Program	07	32,494	33,639	24,226		24,226	U
195	0303158M	Joint Command and Control Program (JC2)	07	1,242	1,987	2,453		2,453	U
196	0303158N	Joint Command and Control Program (JC2)	07	4,620	4,127	4,139		4,139	U
197	0305149N	COBRA JUDY	07	131,836	100,816	62,061		62,061	U
198	0305160N	Navy Meteorological and Ocean Sensors-Space (METOC)	07	4,550	8,182	28,094		28,094	U
199	0305192N	Military Intelligence Program (MIP) Activities	07	8,949	4,578	4,600		4,600	U
200	0305204N	Tactical Unmanned Aerial Vehicles	07	66,819	51,677	8,971		8,971	U
201	0305205N	Endurance Unmanned Aerial Vehicles	07	111,283	432,487				U
202	0305206N	Airborne Reconnaissance Systems	07	70,175	66,339	46,208		46,208	U
203	0305207N	Manned Reconnaissance Systems	07	50,754	28,671	22,599	51,900	74,499	U
204	0305208N	Distributed Common Ground/Surface Systems	07	21,141	44,341	18,079		18,079	U
205	0305220N	RQ-4 UAV	07			465,839		465,839	U
206	0305231N	MQ-8 UAV	07			25,639		25,639	U
207	0305232M	RQ-11 UAV	07			553		553	U
208	0305233N	RQ-7 UAV	07			986		986	U

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Department of the Navy
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 (Dollars in Thousands)

APPROPRIATION: 1319N Research, Development, Test & Eval, Navy

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
209	0305234M	Small (Level 0) Tactical UAS (STUASL0)	07			18,763		18,763	U
210	0305234N	Small (Level 0) Tactical UAS (STUASL0)	07			23,594	6,000	29,594	U
211	0307207N	Aerial Common Sensor (ACS)	07	8,164	74,402				U
212	0307217N	EP-3E Replacement (EPX)	07			11,976		11,976	U
213	0308601N	Modeling and Simulation Support	07	7,604	7,985	8,028		8,028	U
214	0702207N	Depot Maintenance (Non-IF)	07	20,943	11,100	14,675		14,675	U
215	0702239N	Avionics Component Improvement Program	07	1,588	1,872	2,725		2,725	U
216	0708011N	Industrial Preparedness	07	56,862	61,713	56,691		56,691	U
217	0708730N	Maritime Technology (MARITECH)	07	13,525					U
9999	9999999999	Classified Programs		1,380,893	1,542,293	1,258,018	32,280	1,290,298	U
		Operational Systems Development		4,126,175	4,631,071	4,302,584	90,180	4,392,764	
		Total Research, Development, Test & Eval, Navy		18,486,652	19,960,591	19,270,932	107,180	19,378,112	
		Less Proposed Cancellation*			-35,510*				
		Adjusted Total Research, Development, Test & Eval, Navy		18,486,652	19,925,081	19,270,932	107,180	19,378,112	

* Reflects \$30.510 million of a proposed \$2.9 billion cancellation from the Department's base budget (the Consolidated Security, Disaster Assistance, and Continuing Appropriations, Act 2009, (Public Law 110-329), for fuel savings to offset a portion of the additional Emergency Requests in FY 2009 Overseas Contingency Operations Supplemental Request (Acceleration/Grow the Force, Family Support, and National Capital Region Acceleration). Also reflects a \$5.0 million cancellation for certain classified programs that are now excess to requirements.

Department of the Navy
 FY 2010 President's Budget
 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 Summary
 (Dollars in Thousands)

MAY 2009

<u>Summary Recap of Budget Activities</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>
Applied Research		2,000			
Advanced Component Development & Prototypes		63,000			
Operational Systems Development		10,000			
Total Research, Development, Test, and Evaluation, Navy, Recover		75,000			
 <u>Summary Recap of FYDP Programs</u>					
Research and Development		75,000			
Classified Programs					
Total Research, Development, Test, and Evaluation, Navy, Recover		75,000			

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 (Dollars in Thousands)

APPROPRIATION: 1320N Research, Development, Test, and Evaluation, Navy, Recovery Act

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0632012N	Plasma Fusion (Polywell)	02		2,000				U
		Applied Research			2,000				
2	0634201N	Hybrid Electric Drive System Development for Surface Combatants	04		27,000				U
3	0634202N	F18 Engine Efficiency Improvements	04		16,000				U
4	0634203N	Ocean and Wave Energy Utilization - OTEC	04		8,800				U
5	0634204N	Alternative Test Fuel and Cert Protocol Acceleration	04		5,300				U
6	0634205N	Aircraft Energy Conservation RDTE Program	04		1,500				U
7	0634208N	Navy Shipboard Energy Program	04		1,700				U
8	0634210N	Advanced High Energy HVAC System	04		2,700				U
		Advanced Component Development & Prototypes			63,000				
9	0637206M	On-Board Vehicle Power	07		4,000				U
10	0637208M	Improved Environmental Control Equipment	07		3,500				U
11	0637209M	Integrated Generator / Environmental Control	07		2,500				U
		Operational Systems Development			10,000				
		Total Research, Development, Test, and Evaluation, Navy, Recovery			75,000				

Department of the Air Force
 FY 2010 President's Budget
 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 Summary
 (Dollars in Thousands)

MAY 2009

<u>Summary Recap of Budget Activities</u>	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total
Basic Research	403,995	464,290	466,111		466,111
Applied Research	1,148,114	1,213,683	1,094,651		1,094,651
Advanced Technology Development	666,736	722,524	618,030		618,030
Advanced Component Development & Prototypes	2,620,511	2,530,283	1,795,884		1,795,884
System Development & Demonstration	4,138,350	4,159,289	4,219,726		4,219,726
RDT&E Management Support	1,485,564	1,127,767	1,046,524		1,046,524
Operational Systems Development	15,883,545	16,942,644	18,751,901	29,286	18,781,187
Total Research, Development, Test & Eval, AF	26,346,815	27,160,480	27,992,827	29,286	28,022,113
Less Proposed Cancellation*		-15,098*			
Adjusted Total Research, Development, Test & Eval, AF	26,346,815	27,145,382	27,992,827	29,286	28,022,113
<u>Summary Recap of FYDP Programs</u>					
Strategic Forces	110,411	85,539	735,769		735,769
General Purpose Forces	2,376,981	2,352,545	2,331,745	10,775	2,342,520
Intelligence and Communications	2,225,360	2,492,422	3,262,011	1,400	3,263,411
Mobility Forces	763,908	668,563	628,244		628,244
Research and Development	9,774,486	9,483,102	8,714,607		8,714,607
Central Supply and Maintenance	216,874	258,385	273,226		273,226
Training Medical and Other	6,039	4,318	7,360		7,360
Administration and Associated Activities	76,787	52,173	81,033		81,033
Support of Other Nations	3,903	3,899	3,748		3,748
Classified Programs	10,792,066	11,759,534	11,955,084	17,111	11,972,195
Total Research, Development, Test & Eval, AF	26,346,815	27,160,480	27,992,827	29,286	28,022,113
Less Proposed Cancellation*		-15,098*			
Adjusted Total Research, Development, Test & Eval, AF	26,346,815	27,145,382	27,992,827	29,286	28,022,113

* Reflects \$15.098 million of a proposed \$2.9 billion cancellation from the Department's base budget (the Consolidated Security, Disaster Assistance, and Continuing Appropriations, Act 2009, (Public Law 110-329), for fuel savings to offset a portion of the additional Emergency Requests in FY 2009 Overseas Contingency Operations Supplemental Request (Acceleration/Grow the Force, Family Support, and National Capital Region Acceleration).

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 (Dollars in Thousands)

APPROPRIATION: 3600F Research, Development, Test & Eval, AF

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0601102F	Defense Research Sciences	01	275,207	313,845	321,028		321,028	U
2	0601103F	University Research Initiatives	01	116,567	137,056	132,249		132,249	U
3	0601108F	High Energy Laser Research Initiatives	01	12,221	13,389	12,834		12,834	U
		Basic Research		403,995	464,290	466,111		466,111	
6	0602015F	Medical Development	02	1,490	4,887				U
7	0602102F	Materials	02	175,040	188,152	127,957		127,957	U
8	0602201F	Aerospace Vehicle Technologies	02	135,401	123,036	127,129		127,129	U
9	0602202F	Human Effectiveness Applied Research	02	90,603	93,222	85,122		85,122	U
10	0602203F	Aerospace Propulsion	02	217,266	252,024	196,529		196,529	U
11	0602204F	Aerospace Sensors	02	118,740	128,447	121,768		121,768	U
12	0602601F	Space Technology	02	124,910	138,980	104,148		104,148	U
13	0602602F	Conventional Munitions	02	61,469	57,407	58,289		58,289	U
14	0602605F	Directed Energy Technology	02	55,062	62,701	105,677		105,677	U
15	0602702F	Command Control and Communications	02	119,545	115,559				U
16	0602788F	Dominant Information Sciences and Methods	02			115,278		115,278	U
17	0602890F	High Energy Laser Research	02	48,588	49,268	52,754		52,754	U
		Applied Research		1,148,114	1,213,683	1,094,651		1,094,651	
18	0603112F	Advanced Materials for Weapon Systems	03	61,166	62,676	37,901		37,901	U
19	0603199F	Sustainment Science and Technology (S&T)	03			2,955		2,955	U
20	0603203F	Advanced Aerospace Sensors	03	60,877	65,115	51,482		51,482	U

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21	0603211F	Aerospace Technology Dev/Demo	03	70,352	45,990	76,844		76,844	U
22	0603216F	Aerospace Propulsion and Power Technology	03	139,591	180,554	175,676		175,676	U
23	0603231F	Crew Systems and Personnel Protection Technology	03	36,084	36,411				U
24	0603270F	Electronic Combat Technology	03	26,947	30,241	31,021		31,021	U
25	0603401F	Advanced Spacecraft Technology	03	97,639	97,469	83,909		83,909	U
26	0603444F	Maui Space Surveillance System (MSSS)	03	41,357	36,339	5,813		5,813	U
27	0603456F	Human Effectiveness Advanced Technology Development	03			24,565		24,565	U
28	0603601F	Conventional Weapons Technology	03	18,698	17,166	14,356		14,356	U
29	0603605F	Advanced Weapons Technology	03	78,556	56,283	30,056		30,056	U
30	0603680F	Manufacturing Technology Program	03		56,376	39,913		39,913	U
31	0603788F	Battlespace Knowledge Development and Demonstration	03			39,708		39,708	U
32	0603789F	C3I Advanced Development	03	31,781	33,902				U
33	0603924F	High Energy Laser Advanced Technology Program	03	3,688	4,002	3,831		3,831	U
		Advanced Technology Development		666,736	722,524	618,030		618,030	
34	0603260F	Intelligence Advanced Development	04	5,892	6,570	5,009		5,009	U
35	0603287F	Physical Security Equipment	04	2,767	1,672	3,623		3,623	U
36	0603421F	NAVSTAR Global Positioning System III	04	446,197					U
37	0603423F	Global Positioning System III - Operational Control Segment	04		306,502				U
38	0603430F	Advanced EHF MILSATCOM (SPACE)	04	612,318	386,425	464,335		464,335	U

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39	0603432F	Polar MILSATCOM (SPACE)	04	171,775	236,965	253,150		253,150	U
40	0603438F	Space Control Technology	04	61,659	86,110	97,701		97,701	U
41	0603742F	Combat Identification Technology	04	25,170	29,300	27,252		27,252	U
42	0603790F	NATO Research and Development	04	4,173	4,322	4,351		4,351	U
43	0603791F	International Space Cooperative R&D	04	593	620	632		632	U
44	0603845F	Transformational SATCOM (TSAT)	04	776,505	761,285				U
45	0603850F	Integrated Broadcast Service	04	20,873	21,020	20,739		20,739	U
46	0603851F	Intercontinental Ballistic Missile	04	26,069	70,237	66,079		66,079	U
47	0603854F	Wideband Global SATCOM RDT&E (Space)	04	20,992	52,080	70,956		70,956	U
48	0603859F	Pollution Prevention	04	10,660	11,645	2,896		2,896	U
49	0603860F	Joint Precision Approach and Landing Systems	04	6,216	7,358	23,174		23,174	U
50	0604015F	Next Generation Bomber	04	7,000					U
51	0604283F	Battle Mgmt Com & Ctrl Sensor Development	04			22,612		22,612	U
52	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04			20,891		20,891	U
53	0604330F	Joint Dual Role Air Dominance Missile	04			6,882		6,882	U
54	0604337F	Requirements Analysis and Maturation	04			35,533		35,533	U
55	0604635F	Ground Attack Weapons Fuze Development	04			18,778		18,778	U
56	0604796F	Alternative Fuels	04		54,217	89,020		89,020	U
57	0604830F	Automated Air-to-Air Refueling	04		9,862	43,158		43,158	U

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58	0604856F	Common Aero Vehicle (CAV)	04	3,695					U
59	0604857F	Operationally Responsive Space	04	86,985	196,561	112,861		112,861	U
60	0604858F	Tech Transition Program	04			9,611		9,611	U
61	0305178F	National Polar-Orbiting Operational Environmental Satellite System (NPOESS)	04	330,972	287,532	396,641		396,641	U
	Advanced Component Development & Prototypes			2,620,511	2,530,283	1,795,884		1,795,884	
62	0603840F	Global Broadcast Service (GBS)	05	21,373	18,709	31,124		31,124	U
63	0604222F	Nuclear Weapons Support	05	19,739	20,111	37,860		37,860	U
64	0604226F	B-1B	05	180,434	142,643				U
65	0604233F	Specialized Undergraduate Flight Training	05	14,033	13,426	6,227		6,227	U
66	0604240F	B-2 Advanced Technology Bomber	05	277,880	364,076				U
67	0604261F	Personnel Recovery Systems	05	60,344					U
68	0604270F	Electronic Warfare Development	05	76,169	56,342	97,275		97,275	U
69	0604281F	Tactical Data Networks Enterprise	05			88,444		88,444	U
70	0604287F	Physical Security Equipment	05	33	52	50		50	U
71	0604329F	Small Diameter Bomb (SDB)	05	147,586	126,324	153,815		153,815	U
72	0604421F	Counterspace Systems	05	59,379	76,147	64,248		64,248	U
73	0604425F	Space Situation Awareness Systems	05	206,362	209,266	308,134		308,134	U
74	0604429F	Airborne Electronic Attack	05	23,170	43,123	11,107		11,107	U
75	0604441F	Space Based Infrared System (SBIRS) High EMD	05	583,305	542,411	512,642		512,642	U
76	0604443F	Third Generation Infrared Surveillance (3GIRS)	05	75,410	953	143,169		143,169	U

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77	0604602F	Armament/Ordnance Development	05	7,558	2,089	18,671		18,671	U
78	0604604F	Submunitions	05	1,970	1,725	1,784		1,784	U
79	0604617F	Agile Combat Support	05	11,856	5,775	11,261		11,261	U
80	0604706F	Life Support Systems	05	13,247	16,553	10,711		10,711	U
81	0604735F	Combat Training Ranges	05	15,541	27,971	29,718		29,718	U
82	0604740F	Integrated Command & Control Applications (IC2A)	05	27,804	9,704	10		10	U
83	0604750F	Intelligence Equipment	05	5,037	2,282	1,495		1,495	U
84	0604800F	Joint Strike Fighter (JSF)	05	1,939,107	1,734,299	1,858,055		1,858,055	U
85	0604851F	Intercontinental Ballistic Missile	05			60,010		60,010	U
86	0604853F	Evolved Expendable Launch Vehicle Program (SPACE)	05	6,500	33,628	26,545		26,545	U
87	0605011F	RDT&E for Aging Aircraft	05	26,973	13,791				U
88	0605221F	Next Generation Aerial Refueling Aircraft	05		22,938	439,615		439,615	U
89	0605277F	CSAR-X RDT&E	05		232,232	89,975		89,975	U
90	0605278F	HC/MC-130 Recap RDT&E	05		11,660	20,582		20,582	U
91	0605452F	Joint SIAP Executive Program Office	05			34,877		34,877	U
92	0207434F	Link-16 Support and Sustainment	05	186,371	192,460				U
93	0207450F	E-10 Squadrons	05	37,675					U
94	0207451F	Single Integrated Air Picture (SIAP)	05	4,723	66,663	13,466		13,466	U
95	0207701F	Full Combat Mission Training	05	60,171	134,786	99,807		99,807	U
96	0305176F	Combat Survivor Evader Locator	05	4,900					U

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97	0401138F	Joint Cargo Aircraft (JCA)	05	20,283	16,732	9,353		9,353	U
98	0401318F	CV-22	05	23,417	18,512	19,640		19,640	U
99	0401845F	Airborne Senior Leader C3 (SLC3S)	05		1,906	20,056		20,056	U
	System Development & Demonstration			4,138,350	4,159,289	4,219,726		4,219,726	
100	0604256F	Threat Simulator Development	06	35,903	34,474	27,789		27,789	U
101	0604759F	Major T&E Investment	06	62,635	69,221	60,824		60,824	U
102	0605101F	RAND Project Air Force	06	40,469	29,891	27,501		27,501	U
103	0605502F	Small Business Innovation Research	06	361,808					U
104	0605712F	Initial Operational Test & Evaluation	06	29,952	29,457	25,833		25,833	U
105	0605807F	Test and Evaluation Support	06	753,220	785,576	736,488		736,488	U
106	0605860F	Rocket Systems Launch Program (SPACE)	06	23,804	14,855	14,637		14,637	U
107	0605864F	Space Test Program (STP)	06	50,019	47,654	47,215		47,215	U
108	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support	06	61,234	46,108	52,409		52,409	U
109	0605978F	Facilities Sustainment - Test and Evaluation Support	06	33,849	29,618	29,683		29,683	U
110	0702806F	Acquisition and Management Support	06	25,630	37,014	18,947		18,947	U
111	0804731F	General Skill Training	06	2,904		1,450		1,450	U
112	0909999F	Financing for Cancelled Account Adjustments	06	234					U
113	1001004F	International Activities	06	3,903	3,899	3,748		3,748	U
	RDT&E Management Support			1,485,564	1,127,767	1,046,524		1,046,524	

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114	0604263F	Common Vertical Lift Support Platform	07		3,858	9,513		9,513	U
115	0605024F	Anti-Tamper Technology Executive Agency	07	12,399	20,912	47,276		47,276	U
117	0101113F	B-52 Squadrons	07	51,336	38,546	93,930		93,930	U
118	0101122F	Air-Launched Cruise Missile (ALCM)	07	4,514	395	3,652		3,652	U
119	0101126F	B-1B Squadrons	07			148,025		148,025	U
120	0101127F	B-2 Squadrons	07			415,414		415,414	U
121	0101313F	Strat War Planning System - USSTRATCOM	07	25,159	17,505	33,836		33,836	U
122	0101314F	Night Fist - USSTRATCOM	07	6,774	5,285	5,328		5,328	U
124	0102325F	Atmospheric Early Warning System	07			9,832		9,832	U
125	0102326F	Region/Sector Operation Control Center Modernization Program	07	22,628	23,793	25,734		25,734	U
126	0102823F	Strategic Aerospace Intelligence System Activities	07		15	18		18	U
127	0203761F	Warfighter Rapid Acquisition Process (WRAP) Rapid Transition Fund	07	21,757	20,751	11,996		11,996	U
128	0205219F	MQ-9 UAV	07	55,863	46,431	39,245	1,400	40,645	U
129	0207040F	Multi-Platform Electronic Warfare Equipment	07			14,747		14,747	U
130	0207131F	A-10 Squadrons	07	6,498	3,989	9,697		9,697	U
131	0207133F	F-16 Squadrons	07	76,816	126,834	141,020		141,020	U
132	0207134F	F-15E Squadrons	07	114,865	198,872	311,167		311,167	U
133	0207136F	Manned Destructive Suppression	07	500	5,570	10,748		10,748	U
134	0207138F	F-22A Squadrons	07	607,785	605,659	569,345		569,345	U

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135	0207161F	Tactical AIM Missiles	07	7,692	5,732	5,915		5,915	U
136	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	36,414	54,092	49,971		49,971	U
137	0207170F	Joint Helmet Mounted Cueing System (JHMCS)	07	4,244	3,183	2,529		2,529	U
138	0207227F	Combat Rescue - Pararescue	07			2,950		2,950	U
139	0207247F	AF TENCAP	07	11,452	11,547	11,643		11,643	U
140	0207249F	Precision Attack Systems Procurement	07			2,950		2,950	U
141	0207253F	Compass Call	07	13,470	4,657	13,019		13,019	U
142	0207268F	Aircraft Engine Component Improvement Program	07	158,560	150,547	166,563		166,563	U
143	0207277F	CSAF Innovation Program	07			4,621		4,621	U
144	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	07	11,775	32,946	29,494		29,494	U
145	0207410F	Air & Space Operations Center (AOC)	07	96,593	98,566	99,405		99,405	U
146	0207412F	Control and Reporting Center (CRC)	07	24,108	58,894	52,508		52,508	U
147	0207417F	Airborne Warning and Control System (AWACS)	07	146,341	125,710	176,040		176,040	U
148	0207418F	Tactical Airborne Control Systems	07	3,366	1,526				U
149	0207423F	Advanced Communications Systems	07	30,226	29,587	63,782	9,375	73,157	U
151	0207431F	Combat Air Intelligence System Activities	07			1,475		1,475	U
152	0207438F	Theater Battle Management (TBM) C4I	07	12,079	19,384	19,067		19,067	U
153	0207445F	Fighter Tactical Data Link	07	57,424	57,264	72,106		72,106	U

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154	0207446F	Bomber Tactical Data Link	07	38,280	11,603				U
155	0207448F	C2ISR Tactical Data Link	07	1,745	1,719	1,667		1,667	U
156	0207449F	Command and Control (C2) Constellation	07	42,969	31,705	26,792		26,792	U
157	0207581F	Joint Surveillance/Target Attack Radar System (JSTARS)	07	337,563	81,025	140,670		140,670	U
158	0207590F	Seek Eagle	07	22,663	21,586	22,071		22,071	U
159	0207601F	USAF Modeling and Simulation	07	20,739	28,866	27,245		27,245	U
160	0207605F	Wargaming and Simulation Centers	07	6,186	3,860	7,018		7,018	U
161	0207697F	Distributed Training and Exercises	07	6,770	7,118	6,740		6,740	U
162	0208006F	Mission Planning Systems	07	101,666	97,296	91,995		91,995	U
163	0208021F	Information Warfare Support	07	11,632	12,117	12,271		12,271	U
170	0302015F	E-4B National Airborne Operations Center (NAOC)	07	18,576	4,058	26,107		26,107	U
171	0303112F	Air Force Communications (AIRCOM)	07	2,009					U
172	0303131F	Minimum Essential Emergency Communications Network (MEECN)	07	85,458	70,562	72,694		72,694	U
173	0303140F	Information Systems Security Program	07	178,671	189,956	196,621		196,621	U
174	0303141F	Global Combat Support System	07	14,665	5,744	3,375		3,375	U
175	0303150F	Global Command and Control System	07	3,174	3,209	3,149		3,149	U
176	0303158F	Joint Command and Control Program (JC2)	07	5,585	3,225	3,087		3,087	U
177	0303601F	MILSATCOM Terminals	07	362,676	334,182	257,693		257,693	U
179	0304260F	Airborne SIGINT Enterprise	07	138,346	173,160	176,989		176,989	U

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182	0305099F	Global Air Traffic Management (GATM)	07	7,203	6,258	6,028		6,028	U
183	0305103F	Cyber Security Initiative	07		2,078	2,065		2,065	U
184	0305110F	Satellite Control Network (SPACE)	07	23,530	16,547	20,991		20,991	U
185	0305111F	Weather Service	07	39,830	47,219	33,531		33,531	U
186	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	07	6,395	10,796	9,006		9,006	U
187	0305116F	Aerial Targets	07	5,683	34,683	54,807		54,807	U
190	0305128F	Security and Investigative Activities	07	1,922	784	742		742	U
192	0305146F	Defense Joint Counterintelligence Activities	07		39	39		39	U
194	0305164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	07	150,979	126,712	137,692		137,692	U
195	0305165F	NAVSTAR Global Positioning System (Space and Control Segments)	07	110,224	90,711	52,039		52,039	U
197	0305173F	Space and Missile Test and Evaluation Center	07	4,986	1,967	3,599		3,599	U
198	0305174F	Space Warfare Center	07	1,622	2,974	3,009		3,009	U
199	0305182F	Spacelift Range System (SPACE)	07	25,089	12,322	9,957		9,957	U
200	0305193F	Intelligence Support to Information Operations (IO)	07	8,312	3,627	1,240		1,240	U
201	0305202F	Dragon U-2	07	608					U
202	0305205F	Endurance Unmanned Aerial Vehicles	07			73,736		73,736	U
203	0305206F	Airborne Reconnaissance Systems	07	111,842	103,870	143,892		143,892	U
204	0305207F	Manned Reconnaissance Systems	07	24,333	17,811	12,846		12,846	U

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205	0305208F	Distributed Common Ground/Surface Systems	07	100,330	105,272	82,765		82,765	U
206	0305219F	MQ-1 Predator A UAV	07	37,642	36,906	18,101	1,400	19,501	U
207	0305220F	RQ-4 UAV	07	274,729	310,664	317,316		317,316	U
208	0305221F	Network-Centric Collaborative Targeting	07	12,035	8,783	8,160		8,160	U
209	0305265F	GPS III Space Segment	07		392,276	815,095		815,095	U
210	0305614F	JSpOC Mission System	07			131,271		131,271	U
211	0305887F	Intelligence Support to Information Warfare	07	5,163	5,401	5,267		5,267	U
212	0305906F	NCMC - TW/AA System	07	11,417					U
213	0305913F	NUDET Detection System (SPACE)	07	38,279	41,102	84,021		84,021	U
214	0305924F	National Security Space Office	07	15,104	7,587	10,634		10,634	U
215	0305940F	Space Situation Awareness Operations	07	38,679	15,579	54,648		54,648	U
216	0307141F	Information Operations Technology Integration & Tool Development	07	21,348	15,683	30,076		30,076	U
217	0308699F	Shared Early Warning (SEW)	07	3,044	3,143	3,082		3,082	U
218	0401115F	C-130 Airlift Squadron	07	233,309	179,272	201,250		201,250	U
219	0401119F	C-5 Airlift Squadrons (IF)	07	173,960	127,118	95,266		95,266	U
220	0401130F	C-17 Aircraft (IF)	07	166,217	235,407	161,855		161,855	U
221	0401132F	C-130J Program	07	62,106	27,280	30,019		30,019	U
222	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	07	17,557	36,401	31,784		31,784	U
223	0401218F	KC-135s	07	7,825	10,305	10,297		10,297	U
224	0401219F	KC-10s	07	13,510		35,586		35,586	U

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APPROPRIATION: 3600F Research, Development, Test & Eval, AF

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	SEC
225	0401221F	KC-135 Tanker Replacement	07	29,686					U
226	0401314F	Operational Support Airlift	07	3,870		4,916		4,916	U
227	0401839F	Air Mobility Tactical Data Link	07	4,300	7,923				U
228	0408011F	Special Tactics / Combat Control	07	7,868	7,707	8,222		8,222	U
229	0702207F	Depot Maintenance (Non-IF)	07	1,459	1,527	1,508		1,508	U
230	0702976F	Facilities Restoration & Modernization - Logistics	07		44,778				U
231	0708011F	Industrial Preparedness	07	48,987					U
232	0708610F	Logistics Information Technology (LOGIT)	07	104,817	159,246	246,483		246,483	U
233	0708611F	Support Systems Development	07	35,981	15,820	6,288		6,288	U
234	0804743F	Other Flight Training	07			805		805	U
235	0804757F	Joint National Training Center	07	3,021	3,205	3,220		3,220	U
236	0804772F	Training Developments	07			1,769		1,769	U
237	0808716F	Other Personnel Activities	07	114	1,113	116		116	U
238	0901202F	Joint Personnel Recovery Agency	07	5,192	5,752	6,376		6,376	U
239	0901212F	Service-Wide Support (Not Otherwise Accounted For)	07	6,454	3,008				U
240	0901218F	Civilian Compensation Program	07	13,328	8,101	8,174		8,174	U
241	0901220F	Personnel Administration	07	22,944	18,575	10,492		10,492	U
242	0901538F	Financial Management Information Systems Development	07	28,635	16,737	55,991		55,991	U
9999	9999999999	Classified Programs		10,792,066	11,759,534	11,955,084	17,111	11,972,195	U
		Operational Systems Development		15,883,545	16,942,644	18,751,901	29,286	18,781,187	

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 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

APPROPRIATION: 3600F Research, Development, Test & Eval, AF

Date: MAY 2009

Line	Program Element		FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReg 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
<u>No</u>	<u>Number</u>	<u>Item</u>	<u>Act</u>					
	Total Research, Development, Test & Eval, AF		26,346,815	27,160,480	27,992,827	29,286	28,022,113	
	Less Proposed Cancellation*			-15,098*				
	Adjusted Total Research, Development, Test & Eval, AF		26,346,815	27,145,382	27,992,827	29,286	28,022,113	

* Reflects \$15.098 million of a proposed \$2.9 billion cancellation from the Department's base budget (the Consolidated Security, Disaster Assistance, and Continuing Appropriations, Act 2009, (Public Law 110-329), for fuel savings to offset a portion of the additional Emergency Requests in FY 2009 Overseas Contingency Operations Supplemental Request (Acceleration/Grow the Force, Family Support, and National Capital Region Acceleration).

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<u>Summary Recap of Budget Activities</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>
Basic Research		3,000			
Applied Research		46,000			
Advanced technology development		14,000			
System Development and Demonstration		1,000			
Operational system development		11,000			
Total Research, Development, Test, and Evaluation, Air Force, Re		75,000			
 <u>Summary Recap of FYDP Programs</u>					
Research and Development		75,000			
Classified Programs					
Total Research, Development, Test, and Evaluation, Air Force, Re		75,000			

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APPROPRIATION: 3605F Research, Development, Test, and Evaluation, Air Force, Recovery Act

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0601901F	Nanoscale Additives for Novel Fuels	01		3,000				U
		Basic Research			3,000				
2	0602902F	Improved Transparent Conductors for Solar Cell Applications	02		1,000				U
3	0602903F	Aft-Body Drag Reduction	02		7,000				U
4	0602904F	Highly Efficient Embedded turbine Engine (HEETE)	02		5,000				U
5	0602905F	Adaptive Versatile Engine Technology (ADVENT)	02		6,000				U
6	0602906F	Energy Efficient Small Scale Propulsion and Power (ESSP)	02		4,000				U
7	0602907F	Hybrid Electric UAV High Endurance Renewable Propulsion and Power System	02		5,000				U
8	0602908F	Ultra-high efficiency multijunction solar cells for space and terrestrial concen	02		18,000				U
		Applied Research			46,000				
9	0603930F	Materials for Green Propulsion	03		6,000				U
10	0603931F	Global Solar Prediction Model for Airbase Renewable Energy Design and Simulation	03		1,000				U
11	0603932F	Deployable Multi-Fuels Electric Generator	03		2,000				U
12	0603933F	Greenhouse Gas Lifecycle Analysis for 2nd and 3rd-Generation Biomass-Derived Avi	03		2,000				U
13	0603934F	Toxicology Assessment of Biomass-Derived Aviation Fuels	03		1,000				U

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APPROPRIATION: 3605F Research, Development, Test, and Evaluation, Air Force, Recovery Act

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
14	0603939F	Development and Demonstration of High Efficiency Portable Fuel Cells	03		2,000				U
		Advanced technology development			14,000				
15	0605915F	Impact of Renewable Energy Development on Air Force Test and Training Infrastruc	05		1,000				U
		System Development and Demonstration			1,000				
16	0607916F	High Concentration Anaerobic Bioreactor	07		6,000				U
17	0607917F	Demonstration of Self Sustaining Energy Technology for Basic Expeditionary Airfi	07		5,000				U
		Operational system development			11,000				
Total Research, Development, Test, and Evaluation, Air Force, Rec					75,000				

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MAY 2009

<u>Summary Recap of Budget Activities</u>	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total
Basic Research	332,465	374,231	423,623		423,623
Applied Research	1,742,369	1,872,914	1,776,790		1,776,790
Advanced Technology Development (ATD)	3,058,232	3,580,675	3,570,404		3,570,404
Advanced Component Development & Prototypes	8,634,756	8,611,470	7,438,177		7,438,177
System Development and Demonstration (SDD)	828,588	793,966	1,009,389		1,009,389
RDT&E Management Support	1,554,414	1,231,173	1,187,944		1,187,944
Operational Systems Development	5,731,696	5,563,705	5,335,215	115,826	5,451,041
Total Research, Development, Test & Eval, DW	21,882,520	22,028,134	20,741,542	115,826	20,857,368
 <u>Summary Recap of FYDP Programs</u>					
General Purpose Forces	82,835	85,437	78,215		78,215
Intelligence and Communications	871,240	888,263	812,853	2,750	812,129
Research and Development	15,848,991	16,003,692	14,976,688		14,976,688
Central Supply and Maintenance	58,885	57,968	23,312		23,312
Training Medical and Other		15,645	35,915		35,915
Administration and Associated Activities	99,054	104,830	86,395		86,395
Support of Other Nations	16,150	27,274	74,485		74,485
Special Operations Forces	452,205	445,600	379,990		379,990
Classified Programs	4,453,160	4,399,425	4,273,689	113,076	4,390,239
Total Research, Development, Test & Eval, DW	21,882,520	22,028,134	20,741,542	115,826	20,857,368

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<u>Summary Recap of Defensewide</u>	<u>FY 2008</u> <u>Base&OCO</u> <u>Actuals</u>	<u>FY 2009</u> <u>Base&OCO</u> <u>SupReq 4/9/09</u>	<u>FY 2010</u> <u>Base</u>	<u>FY 2010</u> <u>OCO</u>	<u>FY 2010</u> <u>Total</u>
Defense Business Transformation Agency	242,388	179,853	267,008		267,008
Chemical and Biological Defense Program	1,051,112	1,100,581	1,201,803		1,201,803
Counter Intelligence Field Activity					
Defense Adv Research Projects Agcy	2,670,906	3,130,024	3,248,054		3,248,054
Defense Contract Management Agency	11,225	12,377	11,705		11,705
Defense Human Resources Activity	42,960	32,285	33,771		33,771
Defense Intelligence Agency					
Defense Information Systems Agency	344,691	294,058	294,550	2,750	297,300
Defense Logistics Agency	181,477	196,208	98,021		98,021
Defense Security Cooperation Agency	1,987	2,485	2,293		2,293
Defense Security Service	9,798	11,518	1,384		1,384
Defense Technical Information Center	51,488	52,553	54,411		54,411
Defense Threat Reduction Agency	455,717	470,789	509,612		509,612
Missile Defense Agency	8,655,639	8,494,347	7,120,530		7,120,530
National Geospatial Intelligence Agency					
National Security Agency					
Office of Secretary Of Defense	2,692,906	2,620,446	2,653,713		2,653,713
Special Operations Command					
The Joint Staff	70,315	71,744	112,739		112,739
Washington Headquarters Service	882	597	980		980
Total Research, Development, Test & Evaluation	21,882,520	22,028,134	20,741,542	115,826	20,857,368

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0601000BR	DTRA Basic Research Initiative	01	14,708	22,329	48,544		48,544	U
2	0601101E	Defense Research Sciences	01	168,005	202,487	226,125		226,125	U
3	0601111D8Z	Government/Industry Cosponsorship of University Research	01	5,012	4,376				U
4	0601114D8Z	Defense Experimental Program to Stimulate Competitive Research	01	19,894	14,752				U
5	0601120D8Z	National Defense Education Program	01	42,447	69,093	89,980		89,980	U
6	0601384BP	Chemical and Biological Defense Program	01	82,399	61,194	58,974		58,974	U
	Basic Research			332,465	374,231	423,623		423,623	
7	0602000D8Z	Joint Munitions Technology	02	12,152	15,171	22,669		22,669	U
8	0602227D8Z	Medical Free Electron Laser	02	2,315					U
9	0602228D8Z	Historically Black Colleges and Universities (HBCU) Science	02	35,945	41,327	15,164		15,164	U
10	0602234D8Z	Lincoln Laboratory Research Program	02	28,288	31,168	34,034		34,034	U
11	0602303E	Information & Communications Technology	02	184,664	250,626	282,749		282,749	U
12	0602304E	Cognitive Computing Systems	02	157,897	144,869	142,840		142,840	U
13	0602383E	Biological Warfare Defense	02	64,127	56,139	40,587		40,587	U
14	0602384BP	Chemical and Biological Defense Program	02	269,580	239,297	209,072		209,072	U
15	0602663D8Z	Joint Data Management Advanced Development	02			4,940		4,940	U
16	0602670D8Z	Human, Social and Culture Behavior Modeling (HSCB) Applied Research	02	6,074	7,643	9,446		9,446	U
17	0602702E	Tactical Technology	02	260,219	352,924	276,075		276,075	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
18	0602715E	Materials and Biological Technology	02	297,030	282,896	268,859		268,859	U
19	0602716E	Electronics Technology	02	181,321	199,396	223,841		223,841	U
20	0602718BR	Weapons of Mass Destruction Defeat Technologies	02	207,448	213,606	219,130		219,130	U
21	1160401BB	Special Operations Technology Development	02	32,996	35,400	27,384		27,384	U
22	1160407BB	SOF Medical Technology Development	02	2,313	2,452				U
	Applied Research			1,742,369	1,872,914	1,776,790		1,776,790	
23	0603000D8Z	Joint Munitions Advanced Technology	03	3,941	9,915	23,538		23,538	U
24	0603121D8Z	SO/LIC Advanced Development	03	37,169	33,447	43,808		43,808	U
25	0603122D8Z	Combating Terrorism Technology Support	03	110,534	123,012	81,868		81,868	U
26	0603160BR	Counterproliferation Initiatives - Proliferation Prevention and Defeat	03	211,146	218,958	233,203		233,203	U
27	0603175C	Ballistic Missile Defense Technology	03	106,437	119,308	109,760		109,760	U
28	0603200D8Z	Joint Advanced Concepts	03			7,817		7,817	U
29	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	22,392	23,598	23,276		23,276	U
30	0603286E	Advanced Aerospace Systems	03	55,256	87,619	338,360		338,360	U
31	0603287E	Space Programs and Technology	03	146,494	226,394	200,612		200,612	U
32	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	238,220	324,769	282,235		282,235	U
33	0603618D8Z	Joint Electronic Advanced Technology	03	12,145	10,463	10,838		10,838	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
34	0603648D8Z	Joint Capability Technology Demonstrations	03	202,976	207,096	198,352		198,352	U
35	0603662D8Z	Networked Communications Capabilities	03	29,068	29,759	28,212		28,212	U
36	0603663D8Z	Joint Data Management Research	03			4,935		4,935	U
37	0603665D8Z	Biometrics Science and Technology	03	9,838	10,521	10,993		10,993	U
38	0603670D8Z	Human, Social and Culture Behavior Modeling (HSCB) Advanced Development	03	2,960	9,330	11,480		11,480	U
39	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	22,415	18,280	14,638		14,638	U
40	0603711D8Z	Joint Robotics Program/Autonomous Systems	03	18,734	9,198	9,110		9,110	U
41	0603712S	Generic Logistics R&D Technology Demonstrations	03	54,602	75,929	19,043		19,043	U
42	0603713S	Deployment and Distribution Enterprise Technology	03	14,905	29,919	29,356		29,356	U
43	0603716D8Z	Strategic Environmental Research Program	03	65,780	68,659	69,175		69,175	U
44	0603720S	Microelectronics Technology Development and Support	03	47,138	32,392	26,310		26,310	U
45	0603727D8Z	Joint Warfighting Program	03	10,635	12,031	11,135		11,135	U
46	0603739E	Advanced Electronics Technologies	03	163,386	199,504	205,912		205,912	U
47	0603745D8Z	Synthetic Aperture Radar (SAR) Coherent Change Detection (CDD)	03	3,368	7,940	4,864		4,864	U
48	0603750D8Z	Advanced Concept Technology Demonstrations	03	1,552	1,194				U
49	0603755D8Z	High Performance Computing Modernization Program	03	198,234	220,345	221,286		221,286	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
50	0603760E	Command, Control and Communications Systems	03	242,540	328,073	293,476		293,476	U
51	0603764E	Land Warfare Technology	03	19,104					U
52	0603765E	Classified DARPA Programs	03	186,582	196,164	186,526		186,526	U
53	0603766E	Network-Centric Warfare Technology	03	132,962	154,015	135,941		135,941	U
54	0603767E	Sensor Technology	03	170,518	214,582	243,056		243,056	U
55	0603768E	Guidance Technology	03	114,752	107,979	37,040		37,040	U
56	0603769SE	Distributed Learning Advanced Technology Development	03	13,197	13,501	13,822		13,822	U
57	0603781D8Z	Software Engineering Institute	03	24,719	31,072	31,298		31,298	U
58	0603805S	Dual Use Technology	03	1,600					U
59	0603826D8Z	Quick Reaction Special Projects	03	109,493	106,795	107,984		107,984	U
60	0603828D8Z	Joint Experimentation	03	103,853	108,777	124,480		124,480	U
61	0603832D8Z	DoD Modeling and Simulation Management Office	03	22,068	33,602	38,505		38,505	U
62	0603941D8Z	Test & Evaluation Science & Technology	03	61,224	94,153	95,734		95,734	U
63	0603942D8Z	Technology Transfer	03	7,119	5,738	2,219		2,219	U
64	0909999D8Z	Financing for Cancelled Account Adjustments	03	4,581					U
65	1160402BB	Special Operations Advanced Technology Development	03	54,595	65,684	31,675		31,675	U
66	1160422BB	Aviation Engineering Analysis	03			3,544		3,544	U
67	1160472BB	SOF Information and Broadcast Systems Advanced Technology	03		10,960	4,988		4,988	U
Advanced Technology Development (ATD)				3,058,232	3,580,675	3,570,404		3,570,404	

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	48,239	49,882	36,019		36,019	U
69	0603228D8Z	Physical Security Equipment	04	1,541					U
70	0603527D8Z	RETRACT LARCH	04	22,129	22,819	21,718		21,718	U
71	0603709D8Z	Joint Robotics Program	04	23,251	11,782	11,803		11,803	U
72	0603714D8Z	Advanced Sensor Applications Program	04		15,912	17,771		17,771	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	38,769	38,691	31,613		31,613	U
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	1,034,478	956,686	719,465		719,465	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	2,198,664	1,507,481	982,922		982,922	U
76	0603883C	Ballistic Missile Defense Boost Defense Segment	04	503,475	400,751	186,697		186,697	U
77	0603884BP	Chemical and Biological Defense Program	04	65,865	62,721	205,952		205,952	U
78	0603884C	Ballistic Missile Defense Sensors	04	574,231	767,593	636,856		636,856	U
79	0603886C	Ballistic Missile Defense System Interceptor	04	330,874	385,493				U
80	0603888C	Ballistic Missile Defense Test & Targets	04	619,137	911,710	966,752		966,752	U
81	0603890C	BMD Enabling Programs	04	416,937	402,778	369,145		369,145	U
82	0603891C	Special Programs - MDA	04	193,157	175,712	301,566		301,566	U
83	0603892C	AEGIS BMD	04	1,214,067	1,113,655	1,690,758		1,690,758	U
84	0603893C	Space Tracking & Surveillance System	04	226,499	208,923	180,000		180,000	U
85	0603894C	Multiple Kill Vehicle	04	223,084	283,481				U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
86	0603895C	Ballistic Missile Defense System Space Programs	04	16,237	24,686	12,549		12,549	U
87	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	439,997	288,287	340,014		340,014	U
88	0603897C	Ballistic Missile Defense Hercules	04	51,387	55,764	48,186		48,186	U
89	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	45,400	69,743	60,921		60,921	U
90	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	77,102	106,040	86,949		86,949	U
91	0603906C	Regarding Trench	04	1,945	2,968	6,164		6,164	U
92	0603907C	Sea Based X-Band Radar (SBX)	04	155,244	146,895	174,576		174,576	U
93	0603908C	BMD European Interceptor Site	04		362,007				U
94	0603909C	BMD European Midcourse Radar	04		76,537				U
95	0603911C	BMD European Capability	04			50,504		50,504	U
96	0603912C	BMD European Communications Support	04		27,008				U
97	0603913C	Israeli Cooperative Programs	04			119,634		119,634	U
98	0603920D8Z	Humanitarian Demining	04	13,631	14,294	14,687		14,687	U
99	0603923D8Z	Coalition Warfare	04	9,768	13,246	13,885		13,885	U
100	0604016D8Z	Department of Defense Corrosion Program	04	18,253	22,279	4,887		4,887	U
101	0604400D8Z	Department of Defense (DoD) Unmanned Aircraft System (UAS) Common Development	04			55,289		55,289	U
102	0604648D8Z	Joint Capability Technology Demonstrations	04	2,866	13,487	18,577		18,577	U

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 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
103	0604670D8Z	Human, Social and Culture Behavior Modeling (HSCB) Research and Engineering	04	989	5,958	7,006		7,006	U
104	0604787D8Z	Joint Systems Integration Command (JSIC)	04	18,729	19,535	19,744		19,744	U
105	0604828D8Z	Joint FIRES Integration and Interoperability Team	04	15,969	16,813	16,972		16,972	U
106	0605017D8Z	Reduction Of Total Ownership Cost	04	23,685	24,359	24,647		24,647	U
107	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	9,157	5,494	3,949		3,949	U
	Advanced Component Development & Prototypes			8,634,756	8,611,470	7,438,177		7,438,177	
108	0604051D8Z	Defense Acquisition Challenge Program (DACP)	05	28,188	28,409	28,862		28,862	U
109	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	3,162	4,331	7,628		7,628	U
110	0604165D8Z	Prompt Global Strike Capability Development	05	96,391	74,163	166,913		166,913	U
111	0604384BP	Chemical and Biological Defense Program	05	277,699	300,149	332,895		332,895	U
112	0604709D8Z	Joint Robotics Program	05	6,710	5,694	5,127		5,127	U
113	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05	7,894	13,597	39,911		39,911	U
114	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	16,893	20,487	20,633		20,633	U
115	0605000BR	Weapons of Mass Destruction Defeat Capabilities	05	15,291	15,896	8,735		8,735	U
116	0605013BL	Information Technology Development	05	11,225	12,377	11,705		11,705	U
117	0605018BTA	Defense Integrated Military Human Resources System (DIMHRS)	05	79,300	37,299	70,000		70,000	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
118	0605020BTA	Business Transformation Agency R&D Activities	05	163,088	142,554	197,008		197,008	U
119	0605021SE	Homeland Personnel Security Initiative	05	1,789	399	395		395	U
120	0605027D8Z	OUSD(C) IT Development Initiatives	05			5,000		5,000	U
121	0605140D8Z	Trusted Foundry	05	41,306	42,127	41,223		41,223	U
122	0605648D8Z	Defense Acquisition Executive (DAE) Pilot Program	05	5,655	5,851	4,267		4,267	U
123	0303141K	Global Combat Support System	05	17,536	18,370	18,431		18,431	U
124	0303158K	Joint Command and Control Program (JC2)	05	56,461	56,618	49,047		49,047	U
125	0807708D8Z	Wounded Ill and Injured Senior Oversight Committee (WII-SOC) Staff Office	05		15,645	1,609		1,609	U
	System Development and Demonstration (SDD)			828,588	793,966	1,009,389		1,009,389	
126	0603757D8Z	Training Transformation (T2)	06	55,682	58,009				U
127	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	11,760	11,322	13,121		13,121	U
128	0604875D8Z	Joint Systems Architecture Development	06	23,191	14,231	15,247		15,247	U
129	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	144,039	152,013	145,052		145,052	U
130	0604943D8Z	Thermal Vicar	06	9,235	9,605	9,045		9,045	U
131	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	6,732	8,785	9,455		9,455	U
132	0605104D8Z	Technical Studies, Support and Analysis	06	30,199	36,319	44,760		44,760	U
133	0605110D8Z	USD(A&T)--Critical Technology Support	06	3,673	3,985	4,914		4,914	U

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 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
134	0605117D8Z	Foreign Material Acquisition and Exploitation	06	254,121	62,471	94,921		94,921	U
135	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	53,653	55,282	96,909		96,909	U
136	0605128D8Z	Classified Program USD(P)	06	109,452	101,440				U
137	0605130D8Z	Foreign Comparative Testing	06	30,811	34,718	35,054		35,054	U
138	0605161D8Z	Nuclear Matters-Physical Security	06	4,354	4,451	6,474		6,474	U
139	0605170D8Z	Support to Networks and Information Integration	06	10,725	14,642	14,916		14,916	U
140	0605200D8Z	General Support to USD (Intelligence)	06	43,342	21,605	5,888		5,888	U
141	0605384BP	Chemical and Biological Defense Program	06	109,777	99,811	106,477		106,477	U
142	0605502BR	Small Business Innovation Research	06	7,124					U
143	0605502C	Small Business Innovative Research - MDA	06	137,409					U
144	0605502D8Z	Small Business Innovative Research	06	50,109					U
145	0605502E	Small Business Innovative Research	06	74,569					U
146	0605502S	Small Business Innovative Research	06	2,547					U
147	0605790D8Z	Small Business Innovation Research/Challenge Administration	06	2,981	5,733	2,163		2,163	U
148	0605798D8Z	Defense Technology Analysis	06	11,375	10,979	11,005		11,005	U
149	0605798S	Defense Technology Analysis	06	1,800					U
150	0605799D8Z	Force Transformation Directorate	06	19,908	23,073	19,981		19,981	U
151	0605801KA	Defense Technical Information Center (DTIC)	06	51,488	52,553	54,411		54,411	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	SEC
152	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	27,974	18,385	19,554		19,554	U
153	0605804D8Z	Development Test and Evaluation	06	17,452	23,566	23,512		23,512	U
154	0605897E	DARPA Agency Relocation	06		27,924	45,000		45,000	U
155	0605898E	Management HQ - R&D	06	51,480	48,568	51,055		51,055	U
156	0606100D8Z	Budget and Program Assessments	06	1,687	5,846	5,929		5,929	U
157	0606301D8Z	Aviation Safety Technologies	06			8,000		8,000	U
158	0204571J	Joint Staff Analytical Support	06			1,250		1,250	U
161	0303166D8Z	Support to Information Operations (IO) Capabilities	06	33,736	34,966	30,604		30,604	U
162	0303169D8Z	Information Technology Rapid Acquisition	06	5,315	5,225	4,667		4,667	U
163	0305103E	Cyber Security Initiative	06		49,865	50,000		50,000	U
164	0305193D8Z	Intelligence Support to Information Operations (IO)	06	9,826	17,528	20,648		20,648	U
166	0305400D8Z	Warfighting and Intelligence-Related Support	06	795	826	829		829	U
167	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2)	06			34,306		34,306	U
168	0901585C	Pentagon Reservation	06	5,971	19,667	19,709		19,709	U
169	0901598C	Management HQ - MDA	06	83,907	81,174	57,403		57,403	U
170	0901598D8W	IT Software Dev Initiatives	06	882	597	980		980	U
9999	9999999999	Classified Programs		55,333	116,009	124,705		124,705	U
	RDT&E Management Support			1,554,414	1,231,173	1,187,944		1,187,944	
171	0604130V	Defense Information System for Security (DISS)	07	9,798	11,518	1,384		1,384	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
172	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,987	2,485	2,001		2,001	U
173	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07			292		292	U
174	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	7,572	12,640	6,198		6,198	U
175	0607828D8Z	Joint Integration and Interoperability	07	52,214	49,100	46,214		46,214	U
176	0204571J	Joint Staff Analytical Support	07	7,631	7,695				U
177	0208043J	Classified Programs	07	1,694	1,723	2,179		2,179	U
178	0208045K	C4I Interoperability	07	73,510	76,019	74,786		74,786	U
180	0301144K	Joint/Allied Coalition Information Sharing	07	21,392	19,021	10,767		10,767	U
187	0302016K	National Military Command System-Wide Support	07	706	613	548		548	U
188	0302019K	Defense Info Infrastructure Engineering and Integration	07	8,249	15,852	17,655		17,655	U
189	0303126K	Long-Haul Communications - DCS	07	16,591	8,485	9,406		9,406	U
190	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	9,306	9,659	9,830		9,830	U
191	0303135G	Public Key Infrastructure (PKI)	07	9,329	15,532	8,116		8,116	U
192	0303136G	Key Management Infrastructure (KMI)	07	51,759	49,435	41,002		41,002	U
193	0303140D8Z	Information Systems Security Program	07	15,125	13,386	13,477		13,477	U
194	0303140G	Information Systems Security Program	07	392,807	403,134	408,316		408,316	U

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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	SEC
195	0303140K	Information Systems Security Program	07	5,225					U
196	0303148K	DISA Mission Support Operations	07		2,175	1,205		1,205	U
197	0303149J	C4I for the Warrior	07	3,624	3,652	4,098		4,098	U
198	0303150K	Global Command and Control System	07	50,504	35,917	23,761	2,750	26,511	U
199	0303153K	Joint Spectrum Center	07	18,303	19,267	18,944		18,944	U
200	0303170K	Net-Centric Enterprise Services (NCES)	07	37,692	428	1,782		1,782	U
201	0303260D8Z	Joint Military Deception Initiative	07			942		942	U
202	0303610K	Teleport Program	07	5,633	2,054	5,239		5,239	U
203	0304210BB	Special Applications for Contingencies	07	21,245	26,254	16,381		16,381	U
206	0305103D8Z	Cyber Security Initiative	07		994	993		993	U
208	0305103K	Cyber Security Initiative	07		12,765	10,080		10,080	U
209	0305125D8Z	Critical Infrastructure Protection (CIP)	07	13,265	17,802	12,725		12,725	U
212	0305146BZ	Defense Joint Counterintelligence Activities	07	4,136	4,484				U
215	0305186D8Z	Policy R&D Programs	07	13,590	8,192	6,948		6,948	U
217	0305199D8Z	Net Centricity	07	9,856	12,647	1,479		1,479	U
221	0305208BB	Distributed Common Ground/Surface Systems	07	2,921	763	1,407			U
224	0305208K	Distributed Common Ground/Surface Systems	07	15,689	3,218	3,158		3,158	U
226	0305219BB	MQ-1 Predator A UAV	07	11,467	13,642	2,067			U

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 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
228	0305387D8Z	Homeland Defense Technology Transfer Program	07			2,963		2,963	U
229	0305600D8Z	International Intelligence Technology Assessment, Advancement and Integration	07			1,389		1,389	U
238	0708011S	Industrial Preparedness	07	56,057	55,130	20,514		20,514	U
239	0708012S	Logistics Support Activities	07	2,828	2,838	2,798		2,798	U
240	0902298J	Management Headquarters (JCS)	07	3,713	3,392	8,303		8,303	U
241	1001018D8Z	NATO AGS	07	16,150	27,274	74,485		74,485	U
242	1105219BB	MQ-9 UAV	07			4,380		4,380	U
243	1130435BB	STORM	07	26,935					U
244	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	07	8,655					U
245	1160403BB	Special Operations Aviation Systems Advanced Development	07	60,687	43,856	82,621		82,621	U
246	1160404BB	Special Operations Tactical Systems Development	07	55,541	20,392	6,182		6,182	U
247	1160405BB	Special Operations Intelligence Systems Development	07	47,102	39,866	21,273		21,273	U
248	1160408BB	SOF Operational Enhancements	07	61,901	53,587	60,310		60,310	U
249	1160421BB	Special Operations CV-22 Development	07	22,739	40,120	12,687		12,687	U
250	1160423BB	Joint Multi-Mission Submersible	07			43,412		43,412	U
251	1160425BB	Special Operations Aircraft Defensive Systems	07	862					U
252	1160426BB	Operations Advanced Seal Delivery System (ASDS) Development	07	19,658	8,666	1,321		1,321	U

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 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
253	1160427BB	Mission Training and Preparation Systems (MTPS)	07	11,970	5,637	3,192		3,192	U
254	1160428BB	Unmanned Vehicles (UV)	07	36,471	41,409				U
255	1160429BB	MCl30J SOF Tanker Recapitalization	07	9,780	4,646	5,957		5,957	U
256	1160474BB	SOF Communications Equipment and Electronics Systems	07			733		733	U
257	1160476BB	SOF Tactical Radio Systems	07			2,368		2,368	U
258	1160477BB	SOF Weapons Systems	07		3,952	1,081		1,081	U
259	1160478BB	SOF Soldier Protection and Survival Systems	07		3,181	597		597	U
260	1160479BB	SOF Visual Augmentation, Lasers and Sensor Systems	07		6,967	3,369		3,369	U
261	1160480BB	SOF Tactical Vehicles	07		1,600	1,973		1,973	U
262	1160482BB	SOF Rotary Wing Aviation	07		3,243	18,863		18,863	U
263	1160483BB	SOF Underwater Systems	07		8,727	3,452		3,452	U
264	1160484BB	SOF Surface Craft	07		6,392	12,250		12,250	U
265	1160488BB	SOF PSYOP	07		15,512	9,887		9,887	U
266	1160489BB	SOF Global Video Surveillance Activities	07		14,646	4,944		4,944	U
267	1160490BB	SOF Operational Enhancements Intelligence	07		8,705	11,547		11,547	U
9999	9999999999	Classified Programs		4,397,827	4,283,416	4,148,984	113,076	4,265,534	U
		Operational Systems Development		5,731,696	5,563,705	5,335,215	115,826	5,451,041	
		Total Research, Development, Test & Eval, DW		21,882,520	22,028,134	20,741,542	115,826	20,857,368	

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FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
Summary
(Dollars in Thousands)

MAY 2009

<u>Summary Recap of Budget Activities</u>	<u>FY 2008</u> <u>Base&OCO</u> <u>Actuals</u>	<u>FY 2009</u> <u>Base&OCO</u> <u>SupReq 4/9/09</u>	<u>FY 2010</u> <u>Base</u>	<u>FY 2010</u> <u>OCO</u>	<u>FY 2010</u> <u>Total</u>
Applied Research		2,000			
Advanced Technology Development (ATD)		53,500			
Advanced Component Development & Prototypes		19,500			
Total Research, Development, Test, and Evaluation, Defense-Wide,		75,000			
<u>Summary Recap of FYDP Programs</u>					
Research and Development		75,000			
Classified Programs					
Total Research, Development, Test, and Evaluation, Defense-Wide,		75,000			

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 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

APPROPRIATION: 0401D Research, Development, Test, and Evaluation, Defense-Wide, Recovery Act

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0632012D8Z	Plasma Fusion (Polywell)	02		2,000				U
		Applied Research			2,000				
2	0633002D8Z	Energy Modeling	03		2,000				U
3	0633006D8Z	Materials - Ceramic matrix composites	03		5,000				U
4	0633007D8Z	Wind Lift Power Generator	03		1,000				U
5	0633009S	Mobile Waste to Energy	03		7,500				U
6	0633010D8Z	HPCM Maui Energy Improvement Initiative	03		4,000				U
7	0633011S	Algal Derived Biofuel Program	03		6,000				U
8	0633013D8Z	Fuel Cells	03		19,000				U
9	0633017D8Z	Fuel Efficient Ground Vehicle Demonstrator	03		9,000				U
		Advanced Technology Development (ATD)			53,500				
10	0634003D8Z	Continuous Building Commissioning	04		7,000				U
11	0634004D8Z	Energy Enterprise Management	04		2,000				U
12	0634005D8Z	Solid Waste Gasification	04		3,000				U
13	0634006D8Z	Anaerobic Digester Technology	04		2,000				U
14	0634007D8Z	Landfill Gas Energy Capture	04		2,500				U
15	0634014D8Z	Tactical, Deployable Micro-Grid	04		3,000				U
		Advanced Component Development & Prototypes			19,500				
		Total Research, Development, Test, and Evaluation, Defense-Wide,			75,000				

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Summary
(Dollars in Thousands)

MAY 2009

<u>Summary Recap of Budget Activities</u>	<u>FY 2008 Base&OCO Actuals</u>	<u>FY 2009 Base&OCO SupReq 4/9/09</u>	<u>FY 2010 Base</u>	<u>FY 2010 OCO</u>	<u>FY 2010 Total</u>
RDT&E Management Support	178,167	187,022	190,770		190,770
Total Operational Test & Eval, Defense	178,167	187,022	190,770		190,770
 <u>Summary Recap of FYDP Programs</u>					
Research and Development	178,167	187,022	190,770		190,770
Classified Programs					
Total Operational Test & Eval, Defense	178,167	187,022	190,770		190,770

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 (Dollars in Thousands)

APPROPRIATION: 0460D Operational Test & Eval, Defense

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0605118OTE	Operational Test and Evaluation	06	48,318	53,052	58,647		58,647	U
2	0605131OTE	Live Fire Test and Evaluation	06	11,062	11,541	12,285		12,285	U
3	0605814OTE	Operational Test Activities and Analyses	06	118,787	122,429	119,838		119,838	U
		RDT&E Management Support		178,167	187,022	190,770		190,770	
Total Operational Test & Eval, Defense				178,167	187,022	190,770		190,770	

Defense Business Transformation Agency
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
117	0605018BTA	Defense Integrated Military Human Resources System (DIMHRS)	05	79,300	37,299	70,000		70,000	U
118	0605020BTA	Business Transformation Agency R&D Activities	05	163,088	142,554	197,008		197,008	U
		System Development and Demonstration (SDD)		242,388	179,853	267,008		267,008	
		Total Defense Business Transformation Agency		242,388	179,853	267,008		267,008	

Chemical and Biological Defense Program
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
6	0601384BP	Chemical and Biological Defense Program	01	82,399	61,194	58,974		58,974	U
		Basic Research		82,399	61,194	58,974		58,974	
14	0602384BP	Chemical and Biological Defense Program	02	269,580	239,297	209,072		209,072	U
		Applied Research		269,580	239,297	209,072		209,072	
32	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	238,220	324,769	282,235		282,235	U
		Advanced Technology Development (ATD)		238,220	324,769	282,235		282,235	
77	0603884BP	Chemical and Biological Defense Program	04	65,865	62,721	205,952		205,952	U
		Advanced Component Development & Prototypes		65,865	62,721	205,952		205,952	
111	0604384BP	Chemical and Biological Defense Program	05	277,699	300,149	332,895		332,895	U
		System Development and Demonstration (SDD)		277,699	300,149	332,895		332,895	
141	0605384BP	Chemical and Biological Defense Program	06	109,777	99,811	106,477		106,477	U
		RDT&E Management Support		109,777	99,811	106,477		106,477	
174	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	7,572	12,640	6,198		6,198	U
		Operational Systems Development		7,572	12,640	6,198		6,198	
		Total Chemical and Biological Defense Program		1,051,112	1,100,581	1,201,803		1,201,803	

Counter Intelligence Field Activity
 FY 2010 President's Budget
 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
212	0305146BZ	Defense Joint Counterintelligence Activities	07	4,136	4,484				U
		Operational Systems Development		-----	-----	-----	-----	-----	
		Total Counter Intelligence Field Activity		-----	-----	-----	-----	-----	

Defense Adv Research Projects Agcy
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
2	0601101E	Defense Research Sciences	01	168,005	202,487	226,125		226,125	U
	Basic Research			168,005	202,487	226,125		226,125	
11	0602303E	Information & Communications Technology	02	184,664	250,626	282,749		282,749	U
12	0602304E	Cognitive Computing Systems	02	157,897	144,869	142,840		142,840	U
13	0602383E	Biological Warfare Defense	02	64,127	56,139	40,587		40,587	U
17	0602702E	Tactical Technology	02	260,219	352,924	276,075		276,075	U
18	0602715E	Materials and Biological Technology	02	297,030	282,896	268,859		268,859	U
19	0602716E	Electronics Technology	02	181,321	199,396	223,841		223,841	U
	Applied Research			1,145,258	1,286,850	1,234,951		1,234,951	
30	0603286E	Advanced Aerospace Systems	03	55,256	87,619	338,360		338,360	U
31	0603287E	Space Programs and Technology	03	146,494	226,394	200,612		200,612	U
46	0603739E	Advanced Electronics Technologies	03	163,386	199,504	205,912		205,912	U
50	0603760E	Command, Control and Communications Systems	03	242,540	328,073	293,476		293,476	U
51	0603764E	Land Warfare Technology	03	19,104					U
52	0603765E	Classified DARPA Programs	03	186,582	196,164	186,526		186,526	U
53	0603766E	Network-Centric Warfare Technology	03	132,962	154,015	135,941		135,941	U
54	0603767E	Sensor Technology	03	170,518	214,582	243,056		243,056	U
55	0603768E	Guidance Technology	03	114,752	107,979	37,040		37,040	U
	Advanced Technology Development (ATD)			1,231,594	1,514,330	1,640,923		1,640,923	
145	0605502E	Small Business Innovative Research	06	74,569					U
154	0605897E	DARPA Agency Relocation	06		27,924	45,000		45,000	U

Defense Adv Research Projects Agcy
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
155	0605898E	Management HQ - R&D	06	51,480	48,568	51,055		51,055	U
163	0305103E	Cyber Security Initiative	06		49,865	50,000		50,000	U
		RDT&E Management Support		126,049	126,357	146,055		146,055	
Total Defense Adv Research Projects Agcy				2,670,906	3,130,024	3,248,054		3,248,054	

Defense Contract Management Agency
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
116	0605013BL	Information Technology Development	05	11,225	12,377	11,705		11,705	U
		System Development and Demonstration (SDD)		11,225	12,377	11,705		11,705	
Total Defense Contract Management Agency				11,225	12,377	11,705		11,705	

Defense Human Resources Activity
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
56	0603769SE	Distributed Learning Advanced Technology Development	03	13,197	13,501	13,822		13,822	U
		Advanced Technology Development (ATD)		13,197	13,501	13,822		13,822	
119	0605021SE	Homeland Personnel Security Initiative	05	1,789	399	395		395	U
		System Development and Demonstration (SDD)		1,789	399	395		395	
152	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	27,974	18,385	19,554		19,554	U
		RDT&E Management Support		27,974	18,385	19,554		19,554	
Total Defense Human Resources Activity				42,960	32,285	33,771		33,771	

Defense Intelligence Agency
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
		Operational Systems Development		-----	-----	-----	-----	-----	
		Total Defense Intelligence Agency		-----	-----	-----	-----	-----	

Defense Information Systems Agency
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
113	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05	7,894	13,597	39,911		39,911	U
123	0303141K	Global Combat Support System	05	17,536	18,370	18,431		18,431	U
124	0303158K	Joint Command and Control Program (JC2)	05	56,461	56,618	49,047		49,047	U
	System Development and Demonstration (SDD)			81,891	88,585	107,389		107,389	
178	0208045K	C4I Interoperability	07	73,510	76,019	74,786		74,786	U
180	0301144K	Joint/Allied Coalition Information Sharing	07	21,392	19,021	10,767		10,767	U
187	0302016K	National Military Command System-Wide Support	07	706	613	548		548	U
188	0302019K	Defense Info Infrastructure Engineering and Integration	07	8,249	15,852	17,655		17,655	U
189	0303126K	Long-Haul Communications - DCS	07	16,591	8,485	9,406		9,406	U
190	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	9,306	9,659	9,830		9,830	U
195	0303140K	Information Systems Security Program	07	5,225					U
196	0303148K	DISA Mission Support Operations	07		2,175	1,205		1,205	U
198	0303150K	Global Command and Control System	07	50,504	35,917	23,761	2,750	26,511	U
199	0303153K	Joint Spectrum Center	07	18,303	19,267	18,944		18,944	U
200	0303170K	Net-Centric Enterprise Services (NCES)	07	37,692	428	1,782		1,782	U
202	0303610K	Teleport Program	07	5,633	2,054	5,239		5,239	U
208	0305103K	Cyber Security Initiative	07		12,765	10,080		10,080	U
224	0305208K	Distributed Common Ground/Surface Systems	07	15,689	3,218	3,158		3,158	U

Defense Information Systems Agency
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReg 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
		Operational Systems Development		262,800	205,473	187,161	2,750	189,911	
Total Defense Information Systems Agency				344,691	294,058	294,550	2,750	297,300	

Defense Logistics Agency
FY 2010 President's Budget
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(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
41	0603712S	Generic Logistics R&D Technology Demonstrations	03	54,602	75,929	19,043		19,043	U
42	0603713S	Deployment and Distribution Enterprise Technology	03	14,905	29,919	29,356		29,356	U
44	0603720S	Microelectronics Technology Development and Support	03	47,138	32,392	26,310		26,310	U
58	0603805S	Dual Use Technology	03	1,600					U
	Advanced Technology Development (ATD)			118,245	138,240	74,709		74,709	
146	0605502S	Small Business Innovative Research	06	2,547					U
149	0605798S	Defense Technology Analysis	06	1,800					U
	RDT&E Management Support			4,347					
238	0708011S	Industrial Preparedness	07	56,057	55,130	20,514		20,514	U
239	0708012S	Logistics Support Activities	07	2,828	2,838	2,798		2,798	U
	Operational Systems Development			58,885	57,968	23,312		23,312	
	Total Defense Logistics Agency			181,477	196,208	98,021		98,021	

Defense Security Cooperation Agency
FY 2010 President's Budget
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(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
172	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,987	2,485	2,001		2,001	U
173	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07			292		292	U
Operational Systems Development				1,987	2,485	2,293		2,293	
Total Defense Security Cooperation Agency				1,987	2,485	2,293		2,293	

Defense Security Service
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

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Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
171	0604130V	Defense Information System for Security (DISS)	07	9,798	11,518	1,384		1,384	U
		Operational Systems Development		9,798	11,518	1,384		1,384	
		Total Defense Security Service		9,798	11,518	1,384		1,384	

Defense Technical Information Center
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
151	0605801KA	Defense Technical Information Center (DTIC)	06	51,488	52,553	54,411		54,411	U
		RDT&E Management Support		51,488	52,553	54,411		54,411	
		Total Defense Technical Information Center		51,488	52,553	54,411		54,411	

Defense Threat Reduction Agency
FY 2010 President's Budget
Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
1	0601000BR	DTRA Basic Research Initiative	01	14,708	22,329	48,544		48,544	U
		Basic Research		14,708	22,329	48,544		48,544	
20	0602718BR	Weapons of Mass Destruction Defeat Technologies	02	207,448	213,606	219,130		219,130	U
		Applied Research		207,448	213,606	219,130		219,130	
26	0603160BR	Counterproliferation Initiatives - Proliferation Prevention and Defeat	03	211,146	218,958	233,203		233,203	U
		Advanced Technology Development (ATD)		211,146	218,958	233,203		233,203	
115	0605000BR	Weapons of Mass Destruction Defeat Capabilities	05	15,291	15,896	8,735		8,735	U
		System Development and Demonstration (SDD)		15,291	15,896	8,735		8,735	
142	0605502BR	Small Business Innovation Research	06	7,124					U
		RDT&E Management Support		7,124					
Total Defense Threat Reduction Agency				455,717	470,789	509,612		509,612	

Missile Defense Agency
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(Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
27	0603175C	Ballistic Missile Defense Technology	03	106,437	119,308	109,760		109,760	U
		Advanced Technology Development (ATD)		106,437	119,308	109,760		109,760	
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	1,034,478	956,686	719,465		719,465	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	2,198,664	1,507,481	982,922		982,922	U
76	0603883C	Ballistic Missile Defense Boost Defense Segment	04	503,475	400,751	186,697		186,697	U
78	0603884C	Ballistic Missile Defense Sensors	04	574,231	767,593	636,856		636,856	U
79	0603886C	Ballistic Missile Defense System Interceptor	04	330,874	385,493				U
80	0603888C	Ballistic Missile Defense Test & Targets	04	619,137	911,710	966,752		966,752	U
81	0603890C	BMD Enabling Programs	04	416,937	402,778	369,145		369,145	U
82	0603891C	Special Programs - MDA	04	193,157	175,712	301,566		301,566	U
83	0603892C	AEGIS BMD	04	1,214,067	1,113,655	1,690,758		1,690,758	U
84	0603893C	Space Tracking & Surveillance System	04	226,499	208,923	180,000		180,000	U
85	0603894C	Multiple Kill Vehicle	04	223,084	283,481				U
86	0603895C	Ballistic Missile Defense System Space Programs	04	16,237	24,686	12,549		12,549	U
87	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	439,997	288,287	340,014		340,014	U
88	0603897C	Ballistic Missile Defense Hercules	04	51,387	55,764	48,186		48,186	U
89	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	45,400	69,743	60,921		60,921	U

Missile Defense Agency
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Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
90	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	77,102	106,040	86,949		86,949	U
91	0603906C	Regarding Trench	04	1,945	2,968	6,164		6,164	U
92	0603907C	Sea Based X-Band Radar (SBX)	04	155,244	146,895	174,576		174,576	U
93	0603908C	BMD European Interceptor Site	04		362,007				U
94	0603909C	BMD European Midcourse Radar	04		76,537				U
95	0603911C	BMD European Capability	04			50,504		50,504	U
96	0603912C	BMD European Communications Support	04		27,008				U
97	0603913C	Israeli Cooperative Programs	04			119,634		119,634	U
	Advanced Component Development & Prototypes			8,321,915	8,274,198	6,933,658		6,933,658	
143	0605502C	Small Business Innovative Research - MDA	06	137,409					U
168	0901585C	Pentagon Reservation	06	5,971	19,667	19,709		19,709	U
169	0901598C	Management HQ - MDA	06	83,907	81,174	57,403		57,403	U
	RDT&E Management Support			227,287	100,841	77,112		77,112	
	Total Missile Defense Agency			8,655,639	8,494,347	7,120,530		7,120,530	

National Geospatial Intelligence Agency
 FY 2010 President's Budget
 Exhibit R-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
		Operational Systems Development		-----	-----	-----	-----	-----	
		Total National Geospatial Intelligence Agency		-----	-----	-----	-----	-----	

National Security Agency
 FY 2010 President's Budget
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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

Date: MAY 2009

Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
		RDT&E Management Support							
191	0303135G	Public Key Infrastructure (PKI)	07	9,329	15,532	8,116		8,116	U
192	0303136G	Key Management Infrastructure (KMI)	07	51,759	49,435	41,002		41,002	U
194	0303140G	Information Systems Security Program	07	392,807	403,134	408,316		408,316	U
		Operational Systems Development							
		Total National Security Agency							

Office of Secretary Of Defense
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 (Dollars in Thousands)

APPROPRIATION: 0400D Research, Development, Test & Eval, DW

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Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
3	0601111D8Z	Government/Industry Cosponsorship of University Research	01	5,012	4,376				U
4	0601114D8Z	Defense Experimental Program to Stimulate Competitive Research	01	19,894	14,752				U
5	0601120D8Z	National Defense Education Program	01	42,447	69,093	89,980		89,980	U
	Basic Research			67,353	88,221	89,980		89,980	
7	0602000D8Z	Joint Munitions Technology	02	12,152	15,171	22,669		22,669	U
8	0602227D8Z	Medical Free Electron Laser	02	2,315					U
9	0602228D8Z	Historically Black Colleges and Universities (HBCU) Science	02	35,945	41,327	15,164		15,164	U
10	0602234D8Z	Lincoln Laboratory Research Program	02	28,288	31,168	34,034		34,034	U
15	0602663D8Z	Joint Data Management Advanced Development	02			4,940		4,940	U
16	0602670D8Z	Human, Social and Culture Behavior Modeling (HSCB) Applied Research	02	6,074	7,643	9,446		9,446	U
	Applied Research			84,774	95,309	86,253		86,253	
23	0603000D8Z	Joint Munitions Advanced Technology	03	3,941	9,915	23,538		23,538	U
24	0603121D8Z	SO/LIC Advanced Development	03	37,169	33,447	43,808		43,808	U
25	0603122D8Z	Combating Terrorism Technology Support	03	110,534	123,012	81,868		81,868	U
28	0603200D8Z	Joint Advanced Concepts	03			7,817		7,817	U
29	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	22,392	23,598	23,276		23,276	U
33	0603618D8Z	Joint Electronic Advanced Technology	03	12,145	10,463	10,838		10,838	U

Office of Secretary Of Defense
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APPROPRIATION: 0400D Research, Development, Test & Eval, DW

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Line No	Program Element Number	Item	Act	FY 2008 Base&OCO Actuals	FY 2009 Base&OCO SupReq 4/9/09	FY 2010 Base	FY 2010 OCO	FY 2010 Total	S E C
34	0603648D8Z	Joint Capability Technology Demonstrations	03	202,976	207,096	198,352		198,352	U
35	0603662D8Z	Networked Communications Capabilities	03	29,068	29,759	28,212		28,212	U
36	0603663D8Z	Joint Data Management Research	03			4,935		4,935	U
37	0603665D8Z	Biometrics Science and Technology	03	9,838	10,521	10,993		10,993	U
38	0603670D8Z	Human, Social and Culture Behavior Modeling (HSCB) Advanced Development	03	2,960	9,330	11,480		11,480	U
39	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	22,415	18,280	14,638		14,638	U
40	0603711D8Z	Joint Robotics Program/Autonomous Systems	03	18,734	9,198	9,110		9,110	U
43	0603716D8Z	Strategic Environmental Research Program	03	65,780	68,659	69,175		69,175	U
45	0603727D8Z	Joint Warfighting Program	03	10,635	12,031	11,135		11,135	U
47	0603745D8Z	Synthetic Aperture Radar (SAR) Coherent Change Detection (CDD)	03	3,368	7,940	4,864		4,864	U
48	0603750D8Z	Advanced Concept Technology Demonstrations	03	1,552	1,194				U
49	0603755D8Z	High Performance Computing Modernization Program	03	198,234	220,345	221,286		221,286	U
57	0603781D8Z	Software Engineering Institute	03	24,719	31,072	31,298		31,298	U
59	0603826D8Z	Quick Reaction Special Projects	03	109,493	106,795	107,984		107,984	U
60	0603828D8Z	Joint Experimentation	03	103,853	108,777	124,480		124,480	U
61	0603832D8Z	DoD Modeling and Simulation Management Office	03	22,068	33,602	38,505		38,505	U
62	0603941D8Z	Test & Evaluation Science & Technology	03	61,224	94,153	95,734		95,734	U

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63	0603942D8Z	Technology Transfer	03	7,119	5,738	2,219		2,219	U
64	0909999D8Z	Financing for Cancelled Account Adjustments	03	4,581					U
	Advanced Technology Development (ATD)			1,084,798	1,174,925	1,175,545		1,175,545	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	48,239	49,882	36,019		36,019	U
69	0603228D8Z	Physical Security Equipment	04	1,541					U
70	0603527D8Z	RETRACT LARCH	04	22,129	22,819	21,718		21,718	U
71	0603709D8Z	Joint Robotics Program	04	23,251	11,782	11,803		11,803	U
72	0603714D8Z	Advanced Sensor Applications Program	04		15,912	17,771		17,771	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	38,769	38,691	31,613		31,613	U
98	0603920D8Z	Humanitarian Demining	04	13,631	14,294	14,687		14,687	U
99	0603923D8Z	Coalition Warfare	04	9,768	13,246	13,885		13,885	U
100	0604016D8Z	Department of Defense Corrosion Program	04	18,253	22,279	4,887		4,887	U
101	0604400D8Z	Department of Defense (DoD) Unmanned Aircraft System (UAS) Common Development	04			55,289		55,289	U
102	0604648D8Z	Joint Capability Technology Demonstrations	04	2,866	13,487	18,577		18,577	U
103	0604670D8Z	Human, Social and Culture Behavior Modeling (HSCB) Research and Engineering	04	989	5,958	7,006		7,006	U
104	0604787D8Z	Joint Systems Integration Command (JSIC)	04	18,729	19,535	19,744		19,744	U
105	0604828D8Z	Joint FIRES Integration and Interoperability Team	04	15,969	16,813	16,972		16,972	U

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106	0605017D8Z	Reduction Of Total Ownership Cost	04	23,685	24,359	24,647		24,647	U
107	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	9,157	5,494	3,949		3,949	U
		Advanced Component Development & Prototypes		246,976	274,551	298,567		298,567	
108	0604051D8Z	Defense Acquisition Challenge Program (DACP)	05	28,188	28,409	28,862		28,862	U
109	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	3,162	4,331	7,628		7,628	U
110	0604165D8Z	Prompt Global Strike Capability Development	05	96,391	74,163	166,913		166,913	U
112	0604709D8Z	Joint Robotics Program	05	6,710	5,694	5,127		5,127	U
114	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	16,893	20,487	20,633		20,633	U
120	0605027D8Z	OUSD(C) IT Development Initiatives	05			5,000		5,000	U
121	0605140D8Z	Trusted Foundry	05	41,306	42,127	41,223		41,223	U
122	0605648D8Z	Defense Acquisition Executive (DAE) Pilot Program	05	5,655	5,851	4,267		4,267	U
125	0807708D8Z	Wounded Ill and Injured Senior Oversight Committee (WII-SOC) Staff Office	05		15,645	1,609		1,609	U
		System Development and Demonstration (SDD)		198,305	196,707	281,262		281,262	
126	0603757D8Z	Training Transformation (T2)	06	55,682	58,009				U
127	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	11,760	11,322	13,121		13,121	U
128	0604875D8Z	Joint Systems Architecture Development	06	23,191	14,231	15,247		15,247	U
129	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	144,039	152,013	145,052		145,052	U

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130	0604943D8Z	Thermal Vicar	06	9,235	9,605	9,045		9,045	U
131	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	6,732	8,785	9,455		9,455	U
132	0605104D8Z	Technical Studies, Support and Analysis	06	30,199	36,319	44,760		44,760	U
133	0605110D8Z	USD(A&T)--Critical Technology Support	06	3,673	3,985	4,914		4,914	U
134	0605117D8Z	Foreign Material Acquisition and Exploitation	06	254,121	62,471	94,921		94,921	U
136	0605128D8Z	Classified Program USD(P)	06	109,452	101,440				U
137	0605130D8Z	Foreign Comparative Testing	06	30,811	34,718	35,054		35,054	U
138	0605161D8Z	Nuclear Matters-Physical Security	06	4,354	4,451	6,474		6,474	U
139	0605170D8Z	Support to Networks and Information Integration	06	10,725	14,642	14,916		14,916	U
140	0605200D8Z	General Support to USD (Intelligence)	06	43,342	21,605	5,888		5,888	U
144	0605502D8Z	Small Business Innovative Research	06	50,109					U
147	0605790D8Z	Small Business Innovation Research/Challenge Administration	06	2,981	5,733	2,163		2,163	U
148	0605798D8Z	Defense Technology Analysis	06	11,375	10,979	11,005		11,005	U
150	0605799D8Z	Force Transformation Directorate	06	19,908	23,073	19,981		19,981	U
153	0605804D8Z	Development Test and Evaluation	06	17,452	23,566	23,512		23,512	U
156	0606100D8Z	Budget and Program Assessments	06	1,687	5,846	5,929		5,929	U
157	0606301D8Z	Aviation Safety Technologies	06			8,000		8,000	U
161	0303166D8Z	Support to Information Operations (IO) Capabilities	06	33,736	34,966	30,604		30,604	U

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162	0303169D8Z	Information Technology Rapid Acquisition	06	5,315	5,225	4,667		4,667	U
164	0305193D8Z	Intelligence Support to Information Operations (IO)	06	9,826	17,528	20,648		20,648	U
166	0305400D8Z	Warfighting and Intelligence-Related Support	06	795	826	829		829	U
167	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2)	06			34,306		34,306	U
	RDT&E Management Support			890,500	661,338	560,491		560,491	
175	0607828D8Z	Joint Integration and Interoperability	07	52,214	49,100	46,214		46,214	U
193	0303140D8Z	Information Systems Security Program	07	15,125	13,386	13,477		13,477	U
201	0303260D8Z	Joint Military Deception Initiative	07			942		942	U
206	0305103D8Z	Cyber Security Initiative	07		994	993		993	U
209	0305125D8Z	Critical Infrastructure Protection (CIP)	07	13,265	17,802	12,725		12,725	U
215	0305186D8Z	Policy R&D Programs	07	13,590	8,192	6,948		6,948	U
217	0305199D8Z	Net Centricity	07	9,856	12,647	1,479		1,479	U
228	0305387D8Z	Homeland Defense Technology Transfer Program	07			2,963		2,963	U
229	0305600D8Z	International Intelligence Technology Assessment, Advancement and Integration	07			1,389		1,389	U
241	1001018D8Z	NATO AGS	07	16,150	27,274	74,485		74,485	U
	Operational Systems Development			120,200	129,395	161,615		161,615	
Total Office of Secretary Of Defense				2,692,906	2,620,446	2,653,713		2,653,713	

Special Operations Command
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21	1160401BB	Special Operations Technology Development	02	32,996	35,400	27,384		27,384	U
22	1160407BB	SOF Medical Technology Development	02	2,313	2,452				U
		Applied Research		35,309	37,852	27,384		27,384	
65	1160402BB	Special Operations Advanced Technology Development	03	54,595	65,684	31,675		31,675	U
66	1160422BB	Aviation Engineering Analysis	03			3,544		3,544	U
67	1160472BB	SOF Information and Broadcast Systems Advanced Technology	03		10,960	4,988		4,988	U
		Advanced Technology Development (ATD)		54,595	76,644	40,207		40,207	
203	0304210BB	Special Applications for Contingencies	07	21,245	26,254	16,381		16,381	U
221	0305208BB	Distributed Common Ground/Surface Systems	07	2,921	763	1,407			U
226	0305219BB	MQ-1 Predator A UAV	07	11,467	13,642	2,067			U
242	1105219BB	MQ-9 UAV	07			4,380		4,380	U
243	1130435BB	STORM	07	26,935					U
244	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	07	8,655					U
245	1160403BB	Special Operations Aviation Systems Advanced Development	07	60,687	43,856	82,621		82,621	U
246	1160404BB	Special Operations Tactical Systems Development	07	55,541	20,392	6,182		6,182	U
247	1160405BB	Special Operations Intelligence Systems Development	07	47,102	39,866	21,273		21,273	U
248	1160408BB	SOF Operational Enhancements	07	61,901	53,587	60,310		60,310	U

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249	1160421BB	Special Operations CV-22 Development	07	22,739	40,120	12,687		12,687	U
250	1160423BB	Joint Multi-Mission Submersible	07			43,412		43,412	U
251	1160425BB	Special Operations Aircraft Defensive Systems	07	862					U
252	1160426BB	Operations Advanced Seal Delivery System (ASDS) Development	07	19,658	8,666	1,321		1,321	U
253	1160427BB	Mission Training and Preparation Systems (MTPS)	07	11,970	5,637	3,192		3,192	U
254	1160428BB	Unmanned Vehicles (UV)	07	36,471	41,409				U
255	1160429BB	MCl30J SOF Tanker Recapitalization	07	9,780	4,646	5,957		5,957	U
256	1160474BB	SOF Communications Equipment and Electronics Systems	07			733		733	U
257	1160476BB	SOF Tactical Radio Systems	07			2,368		2,368	U
258	1160477BB	SOF Weapons Systems	07		3,952	1,081		1,081	U
259	1160478BB	SOF Soldier Protection and Survival Systems	07		3,181	597		597	U
260	1160479BB	SOF Visual Augmentation, Lasers and Sensor Systems	07		6,967	3,369		3,369	U
261	1160480BB	SOF Tactical Vehicles	07		1,600	1,973		1,973	U
262	1160482BB	SOF Rotary Wing Aviation	07		3,243	18,863		18,863	U
263	1160483BB	SOF Underwater Systems	07		8,727	3,452		3,452	U
264	1160484BB	SOF Surface Craft	07		6,392	12,250		12,250	U
265	1160488BB	SOF PSYOP	07		15,512	9,887		9,887	U
266	1160489BB	SOF Global Video Surveillance Activities	07		14,646	4,944		4,944	U

Special Operations Command
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267	1160490BB	SOF Operational Enhancements Intelligence	07		8,705	11,547		11,547	U
		Operational Systems Development		397,934	371,763	332,254		328,780	
		Total Special Operations Command		487,838	486,259	399,845		396,371	

The Joint Staff
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135	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	53,653	55,282	96,909		96,909	U
158	0204571J	Joint Staff Analytical Support	06	-----	-----	1,250	-----	1,250	U
		RDT&E Management Support		53,653	55,282	98,159		98,159	
176	0204571J	Joint Staff Analytical Support	07	7,631	7,695				U
177	0208043J	Classified Programs	07	1,694	1,723	2,179		2,179	U
197	0303149J	C4I for the Warrior	07	3,624	3,652	4,098		4,098	U
240	0902298J	Management Headquarters (JCS)	07	3,713	3,392	8,303		8,303	U
		Operational Systems Development		16,662	16,462	14,580		14,580	
		Total The Joint Staff		70,315	71,744	112,739		112,739	

Washington Headquarters Service
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170	0901598D8W	IT Software Dev Initiatives	06	882	597	980		980	U
		RDT&E Management Support		882	597	980		980	
Total Washington Headquarters Service				882	597	980		980	