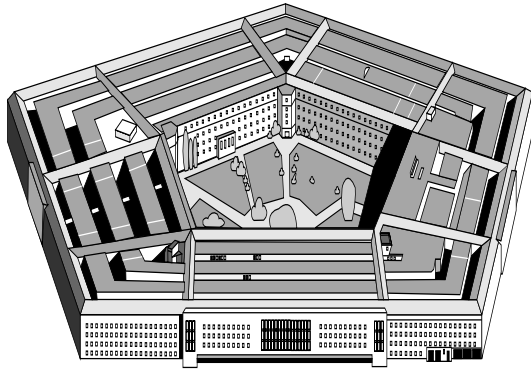


# RDT&E PROGRAMS (R-1)



---

*Department of Defense Budget*

*Fiscal Year 2007*

*February 2006*

*Office of the Under Secretary of Defense (Comptroller)*

**UNCLASSIFIED**

**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)**

**UNCLASSIFIED**

**UNCLASSIFIED**

**TABLE OF CONTENTS**

	<b><u>PAGE</u></b>
<b><u>DoD Component Summary</u></b>	II & III
<b><u>Army</u></b>	
Army Summary	A-1
Army R-1 Detail	A-2 through A-11
<b><u>Navy</u></b>	
Navy Summary	N-1
Navy R-1 Detail	N-2 through N-13
<b><u>Air Force</u></b>	
Air Force Summary	F-1
Air Force R-1 Detail	F-2 through F-14
<b><u>Defense Agencies</u></b>	
Defensewide Summary	D-1 & D-2
Defensewide R-1 Detail	D-3 through D-15
Operational Test and Evaluation Summary	D-16
Operational Test and Evaluation R-1 Detail	D-17
Individual Defense Agency R-1 Detail	D-18 through D-46

UNCLASSIFIED  
DEPARTMENT OF DEFENSE  
FY 2007 RDT&E PROGRAM

SUMMARY  
(\$ IN THOUSANDS)

FEB 2006

<u>APPROPRIATION</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Research, Development, Test & Eval, Army	10,576,058	11,026,047	10,855,559
Research, Development, Test & Eval, Navy	17,076,795	18,733,747	16,912,223
Research, Development, Test & Eval, AF	20,477,909	21,671,763	24,396,767
Research, Development, Test & Eval, DW	20,855,275	19,555,157	20,809,939
Operational Test & Eval, Defense	310,261	165,521	181,520
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>69,296,298</b>	<b>71,152,235</b>	<b>73,156,008</b>

UNCLASSIFIED  
DEPARTMENT OF DEFENSE  
FY 2007 RDT&E PROGRAM

SUMMARY  
(\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Budget Activities</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Basic Research	1,484,562	1,470,139	1,421,960
Applied Research	4,788,330	5,168,046	4,477,796
Advanced Technology Development	6,768,458	6,603,342	5,183,363
Advanced Component Development & Prototypes	14,571,749	13,912,663	15,386,935
System Development & Demonstration	16,558,151	19,342,560	19,276,772
RDT&E Management Support	4,727,538	4,025,428	3,938,357
Operational Systems Development	20,397,510	20,630,057	23,470,825
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>69,296,298</b>	<b>71,152,235</b>	<b>73,156,008</b>

Summary Recap of FYDP Programs

Strategic Forces	330,059	379,169	623,298
General Purpose Forces	4,641,121	5,116,242	5,628,344
Intelligence and Communications	13,630,709	13,449,177	15,163,377
Mobility Forces	780,718	842,068	917,294
Research and Development	48,706,609	50,178,204	49,827,799
Central Supply and Maintenance	351,678	359,434	382,919
Training Medical and Other	3,246	21,469	8,693
Administration and Associated Activities	272,815	171,242	162,051
Support of Other Nations	29,684	29,315	46,269
Special Operations Forces	549,659	605,915	395,964
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>69,296,298</b>	<b>71,152,235</b>	<b>73,156,008</b>

UNCLASSIFIED  
DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

SUMMARY  
(\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Budget Activities</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Basic Research	392,802	372,251	311,931
Applied Research	1,137,821	1,250,026	685,245
Advanced Technology Development	1,479,844	1,388,924	721,661
Advanced Component Development & Prototypes	871,241	507,353	441,086
System Development & Demonstration	4,370,672	5,061,368	6,239,030
RDT&E Management Support	1,196,969	1,138,936	1,163,638
Operational Systems Development	1,126,709	1,307,189	1,292,968
<b>Total Research, Development, Test &amp; Eval, Army</b>	<b>10,576,058</b>	<b>11,026,047</b>	<b>10,855,559</b>
<u>Summary Recap of FYDP Programs</u>			
Strategic Forces	79,279	105,888	264,491
General Purpose Forces	510,872	542,204	489,421
Intelligence and Communications	329,273	426,793	378,224
Research and Development	9,554,709	9,837,833	9,653,629
Central Supply and Maintenance	101,303	112,768	69,106
Administration and Associated Activities	*		
Support of Other Nations	587	561	688
<b>Total Research, Development, Test &amp; Eval, Army</b>	<b>10,576,058</b>	<b>11,026,047</b>	<b>10,855,559</b>

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
1	0601101A	In-House Laboratory Independent Research	01	23,065	21,236	19,402	U
2	0601102A	Defense Research Sciences	01	164,449	173,533	137,568	U
3	0601103A	University Research Initiatives	01	82,959	76,984	68,545	U
4	0601104A	University and Industry Research Centers	01	100,021	100,498	86,416	U
5	0601105A	Force Health Protection	01	22,308			U
	<b>Basic Research</b>			<b>392,802</b>	<b>372,251</b>	<b>311,931</b>	
6	0602105A	Materials Technology	02	48,274	35,051	18,822	U
7	0602120A	Sensors and Electronic Survivability	02	56,267	51,327	38,428	U
8	0602122A	TRACTOR HIP	02	6,403	7,693	8,466	U
9	0602211A	Aviation Technology	02	47,536	39,424	32,804	U
10	0602270A	Electronic Warfare Technology	02	19,694	29,305	19,218	U
11	0602303A	Missile Technology	02	79,358	90,712	59,439	U
12	0602307A	Advanced Weapons Technology	02	27,121	36,233	19,430	U
13	0602308A	Advanced Concepts and Simulation	02	22,710	27,416	16,181	U
14	0602601A	Combat Vehicle and Automotive Technology	02	110,057	92,857	59,304	U
15	0602618A	Ballistics Technology	02	55,305	52,010	52,221	U
16	0602622A	Chemical, Smoke and Equipment Defeating Technology	02	9,977	10,567	2,212	U
17	0602623A	Joint Service Small Arms Program	02	11,271	6,607	6,247	U
18	0602624A	Weapons and Munitions Technology	02	103,533	125,267	35,344	U
19	0602705A	Electronics and Electronic Devices	02	101,771	91,925	42,175	U
20	0602709A	Night Vision Technology	02	26,393	31,664	23,907	U

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
21	0602712A	Countermine Systems	02	26,267	29,171	22,088	U
22	0602716A	Human Factors Engineering Technology	02	20,746	28,420	18,858	U
23	0602720A	Environmental Quality Technology	02	22,358	17,859	17,923	U
24	0602782A	Command, Control, Communications Technology	02	28,774	49,242	21,193	U
25	0602783A	Computer and Software Technology	02	5,346	4,521	3,844	U
26	0602784A	Military Engineering Technology	02	52,477	50,318	50,098	U
27	0602785A	Manpower/Personnel/Training Technology	02	14,839	14,990	16,200	U
28	0602786A	Warfighter Technology	02	54,385	47,667	25,436	U
29	0602787A	Medical Technology	02	186,959	279,780	75,407	U
	<b>Applied Research</b>			<b>1,137,821</b>	<b>1,250,026</b>	<b>685,245</b>	
30	0603001A	Warfighter Advanced Technology	03	78,821	77,434	45,666	U
31	0603002A	Medical Advanced Technology	03	300,328	300,784	50,757	U
32	0603003A	Aviation Advanced Technology	03	92,788	106,577	64,654	U
33	0603004A	Weapons and Munitions Advanced Technology	03	84,538	101,841	74,717	U
34	0603005A	Combat Vehicle and Automotive Advanced Technology	03	284,720	242,013	109,952	U
35	0603006A	Command, Control, Communications Advanced Technology	03	9,540	12,880	10,851	U
36	0603007A	Manpower, Personnel and Training Advanced Technology	03	8,390	10,235	6,794	U
37	0603008A	Electronic Warfare Advanced Technology	03	58,185	60,515	44,022	U
38	0603009A	TRACTOR HIKE	03	7,720	8,652	9,324	U



DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
39	0603015A	Next Generation Training & Simulation Systems	03	26,888	27,927	18,296	U
40	0603020A	TRACTOR ROSE	03	4,527	4,885	5,183	U
41	0603100A	IED Defeat Technology Development	03	30,000	5,500		U
42	0603103A	Explosives Demilitarization Technology	03	18,397	21,041	10,376	U
43	0603105A	Military HIV Research	03	13,545	13,644	7,042	U
44	0603125A	Combating Terrorism, Technology Development	03	30,427	10,159	7,497	U
45	0603238A	Global Surveillance/Air Defense/Precision Strike Technology Demonstration	03	10,280	11,939	12,995	U
46	0603270A	Electronic Warfare Technology	03	36,347	22,280	18,612	U
47	0603313A	Missile and Rocket Advanced Technology	03	136,319	114,018	42,127	U
48	0603322A	TRACTOR CAGE	03	12,770	15,186	19,192	U
49	0603606A	Landmine Warfare and Barrier Advanced Technology	03	37,246	30,092	25,554	U
50	0603607A	Joint Service Small Arms Program	03	5,732	7,474	7,202	U
51	0603710A	Night Vision Advanced Technology	03	102,002	101,690	44,307	U
52	0603728A	Environmental Quality Technology Demonstrations	03	16,919	15,777	14,089	U
53	0603734A	Military Engineering Advanced Technology	03	21,716	21,390	7,848	U
54	0603772A	Advanced Tactical Computer Science and Sensor Technology	03	51,699	44,991	64,604	U
		<b>Advanced Technology Development</b>		<b>1,479,844</b>	<b>1,388,924</b>	<b>721,661</b>	
55	0603024A	Unique Item Identification (UID)	04		1,479	1,520	U

## UNCLASSIFIED

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
56	0603305A	Army Missile Defense Systems Integration(Non Space)	04	109,799	81,494	11,233	U
57	0603308A	Army Missile Defense Systems Integration (Space)	04	31,776	48,186	11,771	U
58	0603327A	Air and Missile Defense Systems Engineering	04	109,170	100,190	143,417	U
59	0603619A	Landmine Warfare and Barrier - Adv Dev	04	11,141		8,439	U
60	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	04	6,943	5,651	10,714	U
61	0603639A	Tank and Medium Caliber Ammunition	04	26,764	8,281		U
62	0603653A	Advanced Tank Armament System (ATAS)	04	49,689	26,332	5,415	U
63	0603747A	Soldier Support and Survivability	04	19,482	3,344	2,778	U
64	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	15,211	18,637	20,077	U
65	0603774A	Night Vision Systems Advanced Development	04	17,044	6,787	5,337	U
66	0603779A	Environmental Quality Technology	04	43,637	35,255	5,166	U
67	0603782A	Warfighter Information Network-Tactical	04	94,991	98,057	158,157	U
68	0603790A	NATO Research and Development	04	4,598	4,832	4,946	U
69	0603801A	Aviation - Adv Dev	04	22,809	7,146	6,542	U
70	0603802A	Weapons and Munitions - Adv Dev	04	8,797			U
71	0603804A	Logistics and Engineer Equipment - Adv Dev	04	9,543	13,184	13,216	U
72	0603805A	Combat Service Support Control System Evaluation and Analysis	04	6,117	10,507	8,645	U
73	0603807A	Medical Systems - Adv Dev	04	20,277	23,149	11,973	U

UNCLASSIFIED

PAGE A-5

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
74	0603827A	Soldier Systems - Advanced Development	04		12,119	10,605	U
75	0603850A	Integrated Broadcast Service	04	4,292	2,723	1,135	U
76	0603856A	SCAMP Block II	04	7,863			U
77	0603869A	Medium Extended Air Defense System (MEADS) Concepts	04	251,298			U
		<b>Advanced Component Development &amp; Prototypes</b>		<b>871,241</b>	<b>507,353</b>	<b>441,086</b>	
78	0604201A	Aircraft Avionics	05	72,521	13,259	61,946	U
79	0604220A	Armed, Deployable OH-58D	05	43,315	91,860	132,781	U
80	0604270A	Electronic Warfare Development	05	18,106	33,397	41,655	U
81	0604280A	Joint Tactical Radio	05	151,274	139,546	832,259	U
82	0604321A	All Source Analysis System	05	6,586	9,042	7,074	U
83	0604328A	TRACTOR CAGE	05	13,571	15,869	16,057	U
84	0604329A	Common Missile	05	112,376	25,630		U
85	0604601A	Infantry Support Weapons	05	33,697	53,257	31,748	U
86	0604604A	Medium Tactical Vehicles	05	12,540	18,518	1,925	U
87	0604609A	Smoke, Obscurant and Target Defeating Sys-SDD	05	3,637		5,297	U
88	0604611A	JAVELIN	05	904			U
89	0604622A	Family of Heavy Tactical Vehicles	05	13,938	20,913	3,960	U
90	0604633A	Air Traffic Control	05	2,011	4,444	4,527	U
91	0604642A	Light Tactical Wheeled Vehicles	05	9,581	7,393		U
92	0604645A	Armored Systems Modernization (ASM)-SDD	05	2,098,130	2,745,716	3,310,477	U
93	0604646A	Non-Line of Sight Launch System	05	119,767	231,209	322,880	U
94	0604647A	Non-Line of Sight Cannon	05	286,853	146,271	112,237	U

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
95	0604710A	Night Vision Systems - SDD	05	34,107	28,980	38,821	U
96	0604713A	Combat Feeding, Clothing, and Equipment	05	107,912	3,334	3,017	U
97	0604715A	Non-System Training Devices - SDD	05	42,784	60,219	121,553	U
98	0604716A	Terrain Information - SDD	05	3,140			U
99	0604726A	Integrated Meteorological Support System	05	2,442			U
100	0604741A	Air Defense Command, Control and Intelligence - SDD	05	72,052	41,512	21,757	U
101	0604742A	Constructive Simulation Systems Development	05	41,052	39,993	40,006	U
102	0604746A	Automatic Test Equipment Development	05	9,074	2,221	8,136	U
103	0604760A	Distributive Interactive Simulations (DIS) - SDD	05	26,323	29,628	19,596	U
104	0604766A	Tactical Surveillance Systems - SDD	05	21,496			U
105	0604768A	Army Tactical Missile System (ATACMS)	05	1,748			U
106	0604778A	Positioning Systems Development (SPACE)	05	1,961			U
107	0604780A	Combined Arms Tactical Trainer (CATT) Core	05	16,304	43,344	39,901	U
108	0604783A	Joint Network Management System	05	10,244	5,019	5,187	U
109	0604801A	Aviation - SDD	05	3,236	1,380		U
110	0604802A	Weapons and Munitions - SDD	05	150,030	104,029	130,581	U
111	0604804A	Logistics and Engineer Equipment - SDD	05	86,918	14,150	40,301	U
112	0604805A	Command, Control, Communications Systems - SDD	05	217,686	318,947	10,783	U

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
113	0604807A	Medical Materiel/Medical Biological Defense Equipment - SDD	05	19,315	16,487	14,509	U
114	0604808A	Landmine Warfare/Barrier - SDD	05	57,090	74,482	118,078	U
115	0604814A	Artillery Munitions	05	137,391	114,709	102,554	U
116	0604817A	Combat Identification	05	12,068	5,395	39	U
117	0604818A	Army Tactical Command & Control Hardware & Software	05	64,585	66,026	69,172	U
118	0604819A	LOSAT	05	17,403			U
119	0604820A	Radar Development	05	5,848	5,008	2,527	U
120	0604822A	General Fund Enterprise Business System (GFEBs)	05	58,007	70,105	61,194	U
121	0604823A	Firefinder	05	10,332	45,405	70,151	U
122	0604827A	Soldier Systems - Warrior Dem/Val	05		58,473	27,498	U
123	0604854A	Artillery Systems	05	12,016	5,397	1,650	U
124	0604865A	Patriot PAC-3 Theater Missile Defense Acquisition	05	60,408			U
125	0604869A	Patriot/MEADS Combined Aggregate Program (CAP)	05		284,695	329,583	U
126	0604870A	Nuclear Arms Control Monitoring Sensor Network	05			7,428	U
127	0605013A	Information Technology Development	05	68,893	66,106	70,185	U
	<b>System Development &amp; Demonstration</b>			<b>4,370,672</b>	<b>5,061,368</b>	<b>6,239,030</b>	
128	0604256A	Threat Simulator Development	06	32,292	28,878	21,180	U
129	0604258A	Target Systems Development	06	14,882	11,784	10,928	U
130	0604759A	Major T&E Investment	06	65,999	66,030	64,953	U
131	0605103A	Rand Arroyo Center	06	21,846	23,460	20,171	U
132	0605301A	Army Kwajalein Atoll	06	139,339	153,317	178,891	U

## UNCLASSIFIED

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
133	0605326A	Concepts Experimentation Program	06	20,866	38,496	21,626	U
134	0605502A	Small Business Innovative Research	06	261,896			U
135	0605601A	Army Test Ranges and Facilities	06	188,226	364,007	389,840	U
136	0605602A	Army Technical Test Instrumentation and Targets	06	71,804	68,299	74,066	U
137	0605604A	Survivability/Lethality Analysis	06	44,104	41,703	40,780	U
138	0605605A	DOD High Energy Laser Test Facility	06	17,300	19,505	16,622	U
139	0605606A	Aircraft Certification	06	2,920	2,709	4,580	U
140	0605702A	Meteorological Support to RDT&E Activities	06	9,440	8,703	8,571	U
141	0605706A	Materiel Systems Analysis	06	15,908	15,296	16,526	U
142	0605709A	Exploitation of Foreign Items	06	4,670	4,643	4,993	U
143	0605712A	Support of Operational Testing	06	70,181	75,891	80,057	U
144	0605716A	Army Evaluation Center	06	56,837	56,388	60,129	U
145	0605718A	Simulation & Modeling for Acq, Rqts, & Tng (SMART)	06	1,853	5,360	5,441	U
146	0605737A	Defense Foreign Language Training Research	06	4,800			U
147	0605801A	Programwide Activities	06	59,484	53,496	72,214	U
148	0605803A	Technical Information Activities	06	37,525	46,760	34,834	U
149	0605805A	Munitions Standardization, Effectiveness and Safety	06	38,042	37,530	18,726	U
150	0605857A	Environmental Quality Technology Mgmt Support	06	4,334	3,957	4,418	U
151	0605898A	Management HQ - R&D	06	12,386	12,724	14,092	U

PAGE A-9

UNCLASSIFIED

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
152	0909999A	Financing for Cancelled Account Adjustments	06	35			U
		<b>RDT&amp;E Management Support</b>		<b>1,196,969</b>	<b>1,138,936</b>	<b>1,163,638</b>	
153	0603778A	MLRS Product Improvement Program	07	105,395	113,652	74,506	U
154	0603820A	Weapons Capability Modifications UAV	07		5,323	16,532	U
155	0102419A	Aerostat Joint Project Office	07	79,279	105,888	264,491	U
156	0203726A	Adv Field Artillery Tactical Data System	07	18,846	16,820	17,394	U
157	0203735A	Combat Vehicle Improvement Programs	07	17,162	31,080	12,741	U
158	0203740A	Maneuver Control System	07	31,050	40,813	37,976	U
159	0203744A	Aircraft Modifications/Product Improvement Programs	07	297,917	336,884	301,739	U
160	0203752A	Aircraft Engine Component Improvement Program	07	7,117	2,036	860	U
161	0203758A	Digitization	07	24,055	13,152	13,373	U
162	0203759A	Force XXI Battle Command, Brigade and Below (FBCB2)	07	43,668	19,913	26,375	U
163	0203801A	Missile/Air Defense Product Improvement Program	07	32,067	15,957	10,770	U
164	0203802A	Other Missile Product Improvement Programs	07		18,414	19,706	U
165	0203806A	TRACTOR RUT	07	3,179			U
166	0203808A	TRACTOR CARD	07	8,640	6,700	7,242	U
167	0208010A	Joint Tactical Communications Program (TRI-TAC)	07	17,354	24,550	5,804	U
168	0208053A	Joint Tactical Ground System	07	9,817	12,670	15,044	U
169	0208058A	Joint High Speed Vessel (JHSV)	07		3,215	20,397	U

## UNCLASSIFIED

DEPARTMENT OF THE ARMY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
170	0301359A	Special Army Program	07				
171	0301555A	Classified Programs	07				
172	0301556A	Special Program	07				
173	0303028A	Security and Intelligence Activities	07	14,391	11,130	3,170	U
174	0303140A	Information Systems Security Program	07	28,531	26,323	23,828	U
175	0303141A	Global Combat Support System	07	90,310	68,264	55,272	U
176	0303142A	SATCOM Ground Environment (SPACE)	07	51,759	57,822	41,336	U
177	0303150A	WWMCCS/Global Command and Control System	07	18,394	13,452	12,200	U
178	0303158A	Joint Command and Control Program (JC2)	07		1,672	4,057	U
179	0305204A	Tactical Unmanned Aerial Vehicles	07	53,900	147,040	114,087	U
180	0305206A	Airborne Reconnaissance Systems	07	8,108	5,321	12	U
181	0305208A	Distributed Common Ground/Surface Systems	07	54,013	91,859	120,562	U
182	0702239A	Avionics Component Improvement Program	07	954	980	1,031	U
183	0708045A	End Item Industrial Preparedness Activities	07	100,349	111,788	68,075	U
184	1001018A	NATO Joint STARS	07	587	561	688	U
<b>Operational Systems Development</b>				<b>1,126,709</b>	<b>1,307,189</b>	<b>1,292,968</b>	
<b>Total Research, Development, Test &amp; Eval, Army</b>				<b>10,576,058</b>	<b>11,026,047</b>	<b>10,855,559</b>	



UNCLASSIFIED  
DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

SUMMARY  
(\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Budget Activities</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Basic Research	478,406	475,085	455,887
Applied Research	802,423	798,892	638,657
Advanced Technology Development	1,008,345	1,022,295	504,634
Advanced Component Development & Prototypes	3,091,286	3,487,525	2,919,305
System Development & Demonstration	7,417,957	8,828,742	7,915,414
RDT&E Management Support	997,632	777,822	764,947
Operational Systems Development	3,280,746	3,343,386	3,713,379
<b>Total Research, Development, Test &amp; Eval, Navy</b>	<b>17,076,795</b>	<b>18,733,747</b>	<b>16,912,223</b>
<u>Summary Recap of FYDP Programs</u>			
Strategic Forces	166,602	180,038	206,986
General Purpose Forces	994,640	1,007,842	822,562
Intelligence and Communications	986,798	1,177,171	1,357,053
Research and Development	14,853,720	16,275,400	14,461,037
Central Supply and Maintenance	73,191	75,147	59,383
Training Medical and Other		18,149	5,202
Administration and Associated Activities	1,844		
<b>Total Research, Development, Test &amp; Eval, Navy</b>	<b>17,076,795</b>	<b>18,733,747</b>	<b>16,912,223</b>

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
1	0601103N	University Research Initiatives	01	88,897	86,670	73,322	U
2	0601152N	In-House Laboratory Independent Research	01	19,280	17,367	15,916	U
3	0601153N	Defense Research Sciences	01	370,229	371,048	366,649	U
	<b>Basic Research</b>			<b>478,406</b>	<b>475,085</b>	<b>455,887</b>	
4	0602114N	Power Projection Applied Research	02	153,897	135,454	84,914	U
5	0602123N	Force Protection Applied Research	02	134,211	138,094	123,443	U
6	0602131M	Marine Corps Landing Force Technology	02	33,940	38,016	37,741	U
7	0602233N	Human Systems Technology	02	1,446			U
8	0602234N	Materials, Electronics and Computer Technology	02	3,858	1,500		U
9	0602235N	Common Picture Applied Research	02	100,205	106,391	68,352	U
10	0602236N	Warfighter Sustainment Applied Research	02	118,949	110,056	89,964	U
11	0602271N	RF Systems Applied Research	02	60,316	64,642	42,619	U
12	0602435N	Ocean Warfighting Environment Applied Research	02	69,447	62,470	48,718	U
13	0602651M	Joint Non-Lethal Weapons Applied Research	02	1,880	8,910	6,036	U
14	0602747N	Undersea Warfare Applied Research	02	79,380	84,482	83,435	U
15	0602782N	Mine and Expeditionary Warfare Applied Research	02	44,894	48,877	53,435	U
	<b>Applied Research</b>			<b>802,423</b>	<b>798,892</b>	<b>638,657</b>	
16	0603114N	Power Projection Advanced Technology	03	129,578	127,049	76,806	U
17	0603123N	Force Protection Advanced Technology	03	171,710	165,611	61,504	U

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
18	0603235N	Common Picture Advanced Technology	03	83,365	73,056	61,725	U
19	0603236N	Warfighter Sustainment Advanced Technology	03	90,154	106,927	82,035	U
20	0603271N	RF Systems Advanced Technology	03	63,204	100,982	45,317	U
21	0603640M	USMC Advanced Technology Demonstration (ATD)	03	128,818	88,108	59,170	U
22	0603651M	Joint Non-Lethal Weapons Technology Development	03	5,809	2,358	1,405	U
23	0603727N	Navy Technical Information Presentation System	03	168,195	180,106		U
24	0603729N	Warfighter Protection Advanced Technology	03	68,351	59,327	17,982	U
25	0603747N	Undersea Warfare Advanced Technology	03	36,949	35,110	35,055	U
26	0603757N	Joint Warfare Experiments	03	1			U
27	0603758N	Navy Warfighting Experiments and Demonstrations	03	25,847	48,549	41,308	U
28	0603782N	Mine and Expeditionary Warfare Advanced Technology	03	36,364	35,112	21,326	U
29	0303158M	Joint Command and Control Program (JC2)	03			1,001	U
		<b>Advanced Technology Development</b>		<b>1,008,345</b>	<b>1,022,295</b>	<b>504,634</b>	
30	0603207N	Air/Ocean Tactical Applications	04	24,561	31,187	31,778	U
31	0603216N	Aviation Survivability	04	38,312	44,261	6,177	U
32	0603237N	Deployable Joint Command and Control	04	41,940	40,841	16,383	U
33	0603254N	ASW Systems Development	04	17,357	18,944	16,782	U
34	0603261N	Tactical Airborne Reconnaissance	04	6,383	3,879	3,959	U
35	0603382N	Advanced Combat Systems Technology	04	61,474	33,605	12,398	U

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
36	0603502N	Surface and Shallow Water Mine Countermeasures	04	97,892	118,682	130,265	U
37	0603506N	Surface Ship Torpedo Defense	04	54,624	53,133	40,627	U
38	0603512N	Carrier Systems Development	04	161,539	168,283	153,894	U
39	0603513N	Shipboard System Component Development	04	44,282	50,918	14,135	U
40	0603525N	PILOT FISH	04	85,209	138,834	134,550	U
41	0603527N	RETRACT LARCH	04	89,812	81,475	87,180	U
42	0603536N	RETRACT JUNIPER	04	36,337	54,030	38,462	U
43	0603542N	Radiological Control	04	935	1,818	1,901	U
44	0603553N	Surface ASW	04	19,552	23,433	38,696	U
45	0603559N	SSGN Conversion	04	19,505	23,660	25,953	U
46	0603561N	Advanced Submarine System Development	04	89,790	159,531	140,432	U
47	0603562N	Submarine Tactical Warfare Systems	04	5,891	7,017	10,357	U
48	0603563N	Ship Concept Advanced Design	04	16,077	21,221	21,549	U
49	0603564N	Ship Preliminary Design & Feasibility Studies	04		26,615	21,314	U
50	0603570N	Advanced Nuclear Power Systems	04	167,951	165,845	174,648	U
51	0603573N	Advanced Surface Machinery Systems	04	3,306	5,100		U
52	0603576N	CHALK EAGLE	04	46,426	114,328	139,017	U
53	0603581N	Littoral Combat Ship (LCS)	04	450,783	573,957	319,671	U
54	0603582N	Combat System Integration	04	100,974	92,310	62,095	U
55	0603609N	Conventional Munitions	04	32,258	36,385	22,385	U
56	0603611M	Marine Corps Assault Vehicles	04	239,152	249,727	188,306	U

UNCLASSIFIED

PAGE N-4

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
57	0603612M	USMC Mine Countermeasures Systems - Adv Dev	04	5,827	3,216	3,777	U
58	0603635M	Marine Corps Ground Combat/ Support System	04	28,624	13,293	503	U
59	0603654N	Joint Service Explosive Ordnance Development	04	25,511	33,898	24,467	U
60	0603658N	Cooperative Engagement	04	99,618	99,557	53,406	U
61	0603713N	Ocean Engineering Technology Development	04	25,442	24,462	16,324	U
62	0603721N	Environmental Protection	04	27,847	27,547	20,271	U
63	0603724N	Navy Energy Program	04	7,510	8,521	1,600	U
64	0603725N	Facilities Improvement	04	1,955	6,396	4,194	U
65	0603734N	CHALK CORAL	04	57,504	51,977	28,578	U
66	0603739N	Navy Logistic Productivity	04	19,727	20,575	6,306	U
67	0603746N	RETRACT MAPLE	04	265,507	303,982	344,912	U
68	0603748N	LINK PLUMERIA	04	112,694	80,497	80,662	U
69	0603751N	RETRACT ELM	04	47,020	56,180	64,133	U
70	0603755N	Ship Self Defense	04	13,240	9,447	8,897	U
71	0603764N	LINK EVERGREEN	04	42,725	57,070	55,051	U
72	0603787N	Special Processes	04	41,810	47,125	47,180	U
73	0603790N	NATO Research and Development	04	10,017	10,174	9,784	U
74	0603795N	Land Attack Technology	04	98,435	73,983	18,571	U
75	0603851M	Nonlethal Weapons	04	42,536	46,902	44,815	U
76	0603857N	All Service Combat Identification Evaluation Team (ASCIET)	04	13,289	15,451		U
77	0603860N	Joint Precision Approach and Landing Systems	04	32,652	38,670	41,242	U

UNCLASSIFIED

PAGE N-5

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
78	0603879N	Single Integrated Air Picture (SIAP) System Engineer (SE)	04	19,617	36,170	50,282	U
79	0603889N	Counterdrug RDT&E Projects	04	21,950	8,150		U
80	0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM)	04	21,341	9,807	20,527	U
81	0604327N	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04	9,645	7,200	77,000	U
82	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	04	25,204	35,224	43,909	U
83	0604787N	Joint Warfare Transformation Programs	04	21,717	23,032		U
<b>Advanced Component Development &amp; Prototypes</b>				<b>3,091,286</b>	<b>3,487,525</b>	<b>2,919,305</b>	
84	0604212N	Other Helo Development	05	182,840	79,894	86,197	U
85	0604214N	AV-8B Aircraft - Eng Dev	05	19,335	15,322	13,878	U
86	0604215N	Standards Development	05	61,313	84,225	112,257	U
87	0604216N	Multi-Mission Helicopter Upgrade Development	05	80,105	49,122	19,259	U
88	0604218N	Air/Ocean Equipment Engineering	05	4,325	4,491	5,578	U
89	0604221N	P-3 Modernization Program	05	11,838	10,637	16,139	U
90	0604230N	Warfare Support System	05	5,092	2,241	2,203	U
91	0604231N	Tactical Command System	05	63,916	64,003	74,225	U
92	0604234N	Advanced Hawkeye	05	542,447	614,231	497,842	U
93	0604245N	H-1 Upgrades	05	168,171	41,382	7,844	U
94	0604261N	Acoustic Search Sensors	05	14,418	33,569	36,764	U
95	0604262N	V-22A	05	248,163	203,278	268,461	U
96	0604264N	Air Crew Systems Development	05	20,093	13,488	12,434	U

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
97	0604269N	EA-18	05	346,526	393,860	372,363	U
98	0604270N	Electronic Warfare Development	05	48,517	43,276	39,842	U
99	0604273N	VHXX Executive Helo Development	05	535,694	921,840	682,597	U
100	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)	05	78,036	168,498	1,153	U
101	0604300N	SC-21 Total Ship System Engineering	05	1,130,307	1,139,993	817,528	U
102	0604307N	Surface Combatant Combat System Engineering	05	148,939	228,932	190,059	U
103	0604311N	LPD-17 Class Systems Integration	05	8,405	11,271	5,960	U
104	0604312N	Tri-Service Standoff Attack Missile	05	26,497			U
105	0604329N	Small Diameter Bomb (SDB)	05	9,513	9,816	10,021	U
106	0604366N	Standard Missile Improvements	05	110,568	148,532	186,144	U
107	0604373N	Airborne MCM	05	50,600	53,837	56,145	U
108	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering	05			14,792	U
109	0604503N	SSN-688 and Trident Modernization	05	96,864	106,048	94,839	U
110	0604504N	Air Control	05	14,473	11,499	4,603	U
111	0604507N	Enhanced Modular Signal Processor	05	1,061	1,063		U
112	0604512N	Shipboard Aviation Systems	05	25,512	37,784	33,392	U
113	0604518N	Combat Information Center Conversion	05	10,434	7,805	6,708	U
114	0604558N	New Design SSN	05	156,806	175,567	169,580	U
115	0604561N	SSN-21 Developments	05	2,966	2,878	3,260	U
116	0604562N	Submarine Tactical Warfare System	05	46,389	46,024	51,656	U

UNCLASSIFIED

PAGE N-7

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
117	0604567N	Ship Contract Design/ Live Fire T&E	05	118,644	57,424	72,055	U
118	0604574N	Navy Tactical Computer Resources	05	8,169	6,487		U
119	0604601N	Mine Development	05	4,851	15,161	5,631	U
120	0604603N	Unguided Conventional Air-Launched Weapons	05	1,450			U
121	0604610N	Lightweight Torpedo Development	05	15,281	31,348	40,540	U
122	0604654N	Joint Service Explosive Ordnance Development	05	9,277	8,746	10,026	U
123	0604703N	Personnel, Training, Simulation, and Human Factors	05	18,361	5,150	8,754	U
124	0604721N	Battle Group Passive Horizon Extension System	05	29,677	32,779		U
125	0604727N	Joint Standoff Weapon Systems	05	10,588	13,314	27,524	U
126	0604755N	Ship Self Defense (Detect & Control)	05	68,193	56,642	10,050	U
127	0604756N	Ship Self Defense (Engage: Hard Kill)	05	46,807	49,833	46,390	U
128	0604757N	Ship Self Defense (Engage: Soft Kill/EW)	05	37,599	33,550	11,513	U
129	0604761N	Intelligence Engineering	05		4,927	4,865	U
130	0604771N	Medical Development	05	49,769	47,294	7,663	U
131	0604777N	Navigation/ID System	05	28,410	46,926	47,070	U
132	0604784N	Distributed Surveillance System	05	17,462	55,842	58,273	U
133	0604800N	Joint Strike Fighter (JSF)	05	2,083,779	2,269,197	2,030,979	U
134	0604910N	Smart Card	05	660	705		U
135	0605013M	Information Technology Development	05	8,558	25,363	13,326	U
136	0605013N	Information Technology Development	05	119,085	104,731	88,323	U

PAGE N-8

UNCLASSIFIED



DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
137	0605172N	Multinational Information Sharing (MNIS)	05		21,496	20,856	U
138	0605212N	CH-53X RDTE	05	281	267,860	362,672	U
139	0605500N	Multi-mission Maritime Aircraft (MMA)	05	470,893	949,561	1,131,655	U
140	0304785N	Tactical Cryptologic Systems	05			23,526	U
	<b>System Development &amp; Demonstration</b>			<b>7,417,957</b>	<b>8,828,742</b>	<b>7,915,414</b>	
141	0604256N	Threat Simulator Development	06	23,437	23,560	23,668	U
142	0604258N	Target Systems Development	06	31,964	40,759	45,666	U
143	0604759N	Major T&E Investment	06	40,265	40,486	39,750	U
144	0605152N	Studies and Analysis Support - Navy	06	11,672	8,855	7,093	U
145	0605154N	Center for Naval Analyses	06	42,336	48,024	48,900	U
146	0605155N	Fleet Tactical Development	06	2,261	2,233	2,595	U
147	0605502N	Small Business Innovative Research	06	305,432			U
148	0605804N	Technical Information Services	06	25,871	28,904	670	U
149	0605853N	Management, Technical & International Support	06	30,080	42,611	47,213	U
150	0605856N	Strategic Technical Support	06	3,380	3,400	3,347	U
151	0605861N	RDT&E Science and Technology Management	06	62,513	62,531	67,328	U
152	0605862N	RDT&E Instrumentation Modernization	06	18,433	1,608	1,243	U
153	0605863N	RDT&E Ship and Aircraft Support	06	86,459	75,974	83,140	U
154	0605864N	Test and Evaluation Support	06	253,260	316,021	328,276	U
155	0605865N	Operational Test and Evaluation Capability	06	12,904	12,908	11,532	U

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
156	0605866N	Navy Space and Electronic Warfare (SEW) Support	06	2,321	2,788	2,904	U
157	0605867N	SEW Surveillance/Reconnaissance Support	06	12,976	12,827	20,073	U
158	0605873M	Marine Corps Program Wide Support	06	30,224	36,184	25,343	U
159	0305885N	Tactical Cryptologic Activities	06			1,004	U
160	0804758N	Service Support to JFCOM, JNTC	06		18,149	5,202	U
161	0909999N	Financing for Cancelled Account Adjustments	06	1,844			U
	<b>RDT&amp;E Management Support</b>			<b>997,632</b>	<b>777,822</b>	<b>764,947</b>	
162	0603660N	Advanced Development Projects	07				
163	0604227N	HARPOON Modifications	07			36,284	U
164	0604402N	Unmanned Combat Air Vehicle (UCAV) Advanced Component and Prototype Development	07			239,163	U
165	0101221N	Strategic Sub & Weapons System Support	07	84,478	92,171	124,522	U
166	0101224N	SSBN Security Technology Program	07	41,846	43,401	42,869	U
167	0101226N	Submarine Acoustic Warfare Development	07	11,232	9,399	2,131	U
168	0101402N	Navy Strategic Communications	07	29,046	35,067	37,464	U
169	0203761N	Rapid Technology Transition (RTT)	07	19,516	25,266	39,285	U
170	0204136N	F/A-18 Squadrons	07	121,376	86,089	31,098	U
171	0204152N	E-2 Squadrons	07	18,255	17,022	1,540	U
172	0204163N	Fleet Telecommunications (Tactical)	07	21,761	32,149	27,189	U
173	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	07	31,227	27,029	18,635	U

UNCLASSIFIED

PAGE N-10

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
174	0204311N	Integrated Surveillance System	07	27,023	30,647	30,740	U
175	0204413N	Amphibious Tactical Support Units (Displacement Craft)	07	3,580	4,696	1,812	U
176	0204571N	Consolidated Training Systems Development	07	20,322	43,615	17,857	U
177	0204574N	Cryptologic Direct Support	07	1,414	1,401	1,425	U
178	0204575N	Electronic Warfare (EW) Readiness Support	07	12,204	13,777	20,673	U
179	0205601N	HARM Improvement	07	153,797	84,569	99,208	U
180	0205604N	Tactical Data Links	07	18,380	86,864	41,967	U
181	0205620N	Surface ASW Combat System Integration	07	20,397	12,751	9,417	U
182	0205632N	MK-48 ADCAP	07	21,237	21,724	24,988	U
183	0205633N	Aviation Improvements	07	75,417	94,928	71,612	U
184	0205658N	Navy Science Assistance Program	07	7,060	3,858	3,376	U
185	0205675N	Operational Nuclear Power Systems	07	63,920	63,092	69,350	U
186	0206313M	Marine Corps Communications Systems	07	272,587	256,291	218,460	U
187	0206623M	Marine Corps Ground Combat/ Supporting Arms Systems	07	56,786	72,982	47,592	U
188	0206624M	Marine Corps Combat Services Support	07	15,908	16,318	17,524	U
189	0207161N	Tactical AIM Missiles	07	3,927	9,243	7,946	U
190	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	8,546	3,531	6,705	U
191	0208058N	Joint High Speed Vessel (JHSV)	07			14,163	U
192	0301303N	Maritime Intelligence	07				
193	0301323N	Collection Management	07				

UNCLASSIFIED

PAGE N-11

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
194	0301327N	Technical Reconnaissance and Surveillance	07				
195	0303109N	Satellite Communications (SPACE)	07	447,061	539,489	748,662	U
196	0303140N	Information Systems Security Program	07	25,696	21,569	23,037	U
197	0303158N	Joint Command and Control Program (JC2)	07		4,925	5,073	U
198	0305149N	COBRA JUDY	07	92,661	117,749	135,372	U
199	0305160N	Navy Meteorological and Ocean Sensors-Space (METOC)	07	5,958	9,985	7,307	U
200	0305188N	Joint C4ISR Battle Center (JBC)	07	43,064	67,255		U
201	0305192N	Military Intelligence Program (MIP) Activities	07	4,701	4,225	6,793	U
202	0305204N	Tactical Unmanned Aerial Vehicles	07	76,943	115,173	115,950	U
203	0305205N	Endurance Unmanned Aerial Vehicles	07	64,045		26,357	U
204	0305206N	Airborne Reconnaissance Systems	07	13,866	31,399	35,038	U
205	0305207N	Manned Reconnaissance Systems	07	49,732	62,002	22,815	U
206	0305208N	Distributed Common Ground/Surface Systems	07	13,029	12,141	16,587	U
207	0307207N	Aerial Common Sensor (ACS)	07	26,555	34,994	17,182	U
208	0308601N	Modeling and Simulation Support	07	21,966	7,710	7,503	U
209	0702207N	Depot Maintenance (Non-IF)	07	4,200	12,461	2,960	U
210	0702239N	Avionics Component Improvement Program	07			1,375	U
211	0708011N	Industrial Preparedness	07	59,095	59,286	55,048	U

UNCLASSIFIED

PAGE N-12

UNCLASSIFIED

DEPARTMENT OF THE NAVY  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
212	0708730N	Maritime Technology (MARITECH)	07	9,896	3,400		U
		Operational Systems Development		3,280,746	3,343,386	3,713,379	
		Total Research, Development, Test & Eval, Navy		17,076,795	18,733,747	16,912,223	

UNCLASSIFIED  
DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

SUMMARY  
(\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Budget Activities</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Basic Research	373,798	362,607	370,206
Applied Research	923,608	1,070,572	973,094
Advanced Technology Development	925,181	1,010,491	804,836
Advanced Component Development & Prototypes	1,767,113	2,201,113	2,741,701
System Development & Demonstration	4,341,382	4,830,329	4,571,330
RDT&E Management Support	1,128,533	968,297	1,042,276
Operational Systems Development	11,018,294	11,228,354	13,893,324
<b>Total Research, Development, Test &amp; Eval, AF</b>	<b>20,477,909</b>	<b>21,671,763</b>	<b>24,396,767</b>

Summary Recap of FYDP Programs

Strategic Forces	84,178	93,243	151,821
General Purpose Forces	3,090,493	3,490,786	4,222,700
Intelligence and Communications	7,805,406	7,597,391	9,313,073
Mobility Forces	780,718	842,068	917,294
Research and Development	8,454,154	9,465,541	9,497,133
Central Supply and Maintenance	126,641	133,994	232,770
Training Medical and Other	3,246	3,320	3,491
Administration and Associated Activities	129,276	41,734	54,574
Support of Other Nations	3,797	3,686	3,911
<b>Total Research, Development, Test &amp; Eval, AF</b>	<b>20,477,909</b>	<b>21,671,763</b>	<b>24,396,767</b>

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
1	0601102F	Defense Research Sciences	01	246,414	241,436	250,232	U
2	0601103F	University Research Initiatives	01	115,506	108,757	107,571	U
3	0601108F	High Energy Laser Research Initiatives	01	11,878	12,414	12,403	U
<b>Basic Research</b>				<b>373,798</b>	<b>362,607</b>	<b>370,206</b>	
4	0602015F	Medical Development	02		18,434		U
5	0602102F	Materials	02	117,460	121,451	111,073	U
6	0602201F	Aerospace Vehicle Technologies	02	75,195	104,469	112,751	U
7	0602202F	Human Effectiveness Applied Research	02	83,867	108,171	92,991	U
8	0602203F	Aerospace Propulsion	02	129,190	155,673	170,885	U
9	0602204F	Aerospace Sensors	02	92,597	115,689	117,553	U
10	0602500F	Multi-disciplinary Space Technology	02	91,773	91,694		U
11	0602601F	Space Technology	02	102,928	104,392	85,594	U
12	0602602F	Conventional Munitions	02	50,821	62,061	62,105	U
13	0602605F	Directed Energy Technology	02	42,754	44,169	48,422	U
14	0602702F	Command Control and Communications	02	84,201	96,714	119,267	U
15	0602805F	Dual Use Science and Technology Program	02	3,955	986		U
16	0602890F	High Energy Laser Research	02	48,867	46,669	50,166	U
17	0207170F	Joint Helmet Mounted Cueing System (JHMCS)	02			2,287	U
<b>Applied Research</b>				<b>923,608</b>	<b>1,070,572</b>	<b>973,094</b>	
18	0603112F	Advanced Materials for Weapon Systems	03	61,305	70,100	48,901	U
19	0603203F	Advanced Aerospace Sensors	03	41,607	39,782	55,150	U

## UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
20	0603211F	Aerospace Technology Dev/Demo	03	34,717	53,657	27,424	U
21	0603216F	Aerospace Propulsion and Power Technology	03	76,110	97,163	115,546	U
22	0603231F	Crew Systems and Personnel Protection Technology	03	29,375	34,968	32,156	U
23	0603270F	Electronic Combat Technology	03	37,883	33,342	24,436	U
24	0603311F	Ballistic Missile Technology	03	11,288	11,435		U
25	0603400F	Joint Unmanned Combat Air Systems (J-UCAS) Advanced Technology Dev and Research	03		76,691		U
26	0603401F	Advanced Spacecraft Technology	03	80,832	85,564	68,026	U
27	0603444F	Maui Space Surveillance System (MSSS)	03	56,561	47,166	6,074	U
28	0603500F	Multi-disciplinary Advanced Development Space Technology	03	47,676	55,732		U
29	0603601F	Conventional Weapons Technology	03	24,680	30,519	19,658	U
30	0603605F	Advanced Weapons Technology	03	49,782	49,821	51,336	U
31	0603723F	Environmental Engineering Technology	03		1,873		U
32	0603789F	C3I Advanced Development	03	31,595	41,124	35,785	U
33	0603801F	Special Programs	03	306,646	275,841	316,605	U
34	0603850F	Integrated Broadcast Service	03	2,235			U
35	0603924F	High Energy Laser Advanced Technology Program	03	9,490	5,713	3,713	U
36	0207418F	Tactical Airborne Control Systems	03			26	U
37	0207423F	Advanced Communications Systems	03	14,767			U
38	0401840F	AMC Command and Control System	03	5,803			U

UNCLASSIFIED

PAGE F-3



DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
39	0804757F	Joint National Training Center	03	2,829			U
		<b>Advanced Technology Development</b>		<b>925,181</b>	<b>1,010,491</b>	<b>804,836</b>	
40	0603260F	Intelligence Advanced Development	04	4,567	4,761	4,776	U
41	0603287F	Physical Security Equipment	04	25,915	25,563	298	U
42	0603421F	NAVSTAR Global Positioning System III	04	33,773	85,172	315,314	U
43	0603430F	Advanced EHF MILSATCOM (SPACE)	04	607,254	655,779	633,258	U
44	0603432F	Polar MILSATCOM (SPACE)	04	894	2,154	35,685	U
45	0603438F	Space Control Technology	04	14,493	15,606	27,076	U
46	0603742F	Combat Identification Technology	04	23,634	51,146	26,517	U
47	0603790F	NATO Research and Development	04	3,819	3,916	4,095	U
48	0603791F	International Space Cooperative R&D	04	532	566	593	U
49	0603845F	Transformational SATCOM (TSAT)	04	443,960	429,244	867,102	U
50	0603850F	Integrated Broadcast Service	04	23,309	15,063	20,592	U
51	0603851F	Intercontinental Ballistic Missile	04	56,908	57,087	45,538	U
52	0603854F	Wideband Gapfiller System RDT&E (Space)	04	54,413	92,287	37,672	U
53	0603858F	Space Radar	04	67,820	98,253	266,401	U
54	0603859F	Pollution Prevention	04	4,768	10,483	2,853	U
55	0603860F	Joint Precision Approach and Landing Systems	04	12,623	10,951	10,011	U
56	0604015F	Next Generation Bomber	04	28,877	24,777	25,598	U
57	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04	5,239	3,943		U

## UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
58	0604400F	Joint Unmanned Combat Air Systems (J-UCAS) Advanced Component and Prototype Deve	04		227,857		U
59	0604855F	Operationally Responsive Launch	04	32,142	38,519		U
60	0604856F	Common Aero Vehicle (CAV)	04	16,053	26,993	33,386	U
61	0604857F	Operationally Responsive Space	04			35,625	U
62	0207423F	Advanced Communications Systems	04		1,940		U
63	0305178F	National Polar-Orbiting Operational Environmental Satellite System (NPOESS)	04	306,120	319,053	349,311	U
		<b>Advanced Component Development &amp; Prototypes</b>		<b>1,767,113</b>	<b>2,201,113</b>	<b>2,741,701</b>	
64	0603840F	Global Broadcast Service (GBS)	05	21,797	19,383	23,599	U
65	0604012F	Joint Helmet Mounted Cueing System (JHMCS)	05	2,245	2,870	2,792	U
66	0604222F	Nuclear Weapons Support	05	13,344	13,951	14,895	U
67	0604226F	B-1B	05	79,201	95,910	130,546	U
68	0604233F	Specialized Undergraduate Flight Training	05	2,785	8,472	3,703	U
69	0604239F	F-22	05	211,815	75,117		U
70	0604240F	B-2 Advanced Technology Bomber	05	263,550	294,898	224,177	U
71	0604261F	Personnel Recovery Systems	05			254,310	U
72	0604270F	Electronic Warfare Development	05	100,865	91,169	87,784	U
73	0604280F	Joint Tactical Radio	05	36,109	81,036		U
74	0604287F	Physical Security Equipment	05	9,381	10,994	93	U
75	0604329F	Small Diameter Bomb (SDB)	05	73,573	63,521	104,080	U
76	0604421F	Counterspace Systems	05	25,351	29,074	47,292	U
77	0604425F	Space Situation Awareness Systems	05			121,157	U

UNCLASSIFIED

PAGE F-5

## UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
78	0604429F	Airborne Electronic Attack	05		119,262	12,421	U
79	0604441F	Space Based Infrared System (SBIRS) High EMD	05	587,121	696,562	668,902	U
80	0604443F	Alternative Infrared Space System (AIRSS)	05			102,962	U
81	0604479F	Milstar LDR/MDR Satellite Communications (SPACE) (H)	05	1,056			U
82	0604600F	Munitions Dispenser Development	05	25,870	5,952		U
83	0604602F	Armament/Ordnance Development	05	8,015	7,675	5,039	U
84	0604604F	Submunitions	05	5,682	5,397	5,759	U
85	0604617F	Agile Combat Support	05	16,989	11,211	10,095	U
86	0604618F	Joint Direct Attack Munition	05			15,450	U
87	0604706F	Life Support Systems	05	8,333	13,373	12,370	U
88	0604735F	Combat Training Ranges	05	15,712	8,794	14,363	U
89	0604740F	Integrated Command & Control Applications (IC2A)	05	21,279	18,872	167	U
90	0604750F	Intelligence Equipment	05	2,426	2,730	1,426	U
91	0604762F	Common Low Observables Verification System (CLOVerS)	05	8,940	8,568		U
92	0604800F	Joint Strike Fighter (JSF)	05	2,080,058	2,333,009	1,999,068	U
93	0604851F	Intercontinental Ballistic Missile	05	94,684	31,948		U
94	0604853F	Evolved Expendable Launch Vehicle Program (SPACE)	05	20,991	25,721	18,513	U
95	0605011F	RDT&E for Aging Aircraft	05	25,249	41,090	25,490	U
96	0605807F	Test and Evaluation Support	05		49,288	2,388	U
97	0207434F	Link-16 Support and Sustainment	05	120,633	161,345	172,625	U

UNCLASSIFIED

PAGE F-6

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
98	0207443F	Family of Interoperable Operational Pictures (FIOP)	05	43,440	28,880		U
99	0207450F	E-10 Squadrons	05	390,957	391,006	390,896	U
100	0207451F	Single Integrated Air Picture (SIAP)	05			40,124	U
101	0207701F	Full Combat Mission Training	05	9,756	26,046	32,243	U
102	0305176F	Combat Survivor Evader Locator	05		17,250		U
103	0401318F	CV-22	05	14,175	39,955	26,601	U
		<b>System Development &amp; Demonstration</b>		<b>4,341,382</b>	<b>4,830,329</b>	<b>4,571,330</b>	
104	0604256F	Threat Simulator Development	06	32,975	32,083	38,131	U
105	0604759F	Major T&E Investment	06	58,628	64,014	58,506	U
106	0605101F	RAND Project Air Force	06	30,609	27,139	25,211	U
107	0605306F	Ranch Hand II Epidemiology Study	06	4,663	4,128		U
108	0605502F	Small Business Innovation Research	06	349,650			U
109	0605712F	Initial Operational Test & Evaluation	06	27,392	34,122	34,802	U
110	0605807F	Test and Evaluation Support	06	358,584	636,369	740,134	U
111	0605860F	Rocket Systems Launch Program (SPACE)	06	21,975	26,391	14,704	U
112	0605864F	Space Test Program (STP)	06	44,705	47,308	46,310	U
113	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support	06	73,015	61,080	54,683	U
114	0605978F	Facilities Sustainment - Test and Evaluation Support	06	22,011	31,650	25,579	U
115	0804731F	General Skill Training	06	311	327	305	U
116	0909900F	Financing for Expired Account Adjustments	06	218			U

## UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
117	0909980F	Judgment Fund Reimbursement	06	100,000			U
118	1001004F	International Activities	06	3,797	3,686	3,911	U
		<b>RDT&amp;E Management Support</b>		<b>1,128,533</b>	<b>968,297</b>	<b>1,042,276</b>	
119	0605024F	Anti-Tamper Technology Executive Agency	07	7,345	7,715	8,014	U
120	0605798F	Analysis Support Group	07				
121	0101113F	B-52 Squadrons	07	29,782	26,748	71,379	U
122	0101120F	Advanced Cruise Missile	07	6,609	1,960	6,983	U
123	0101122F	Air-Launched Cruise Missile (ALCM)	07	6,495	2,218	3,736	U
124	0101313F	Strat War Planning System - USSTRATCOM	07	13,472	29,705	27,285	U
125	0101314F	Night Fist - USSTRATCOM	07	4,786	4,941	5,162	U
126	0101815F	Advanced Strategic Programs	07	8,313	9,734	22,423	U
127	0102326F	Region/Sector Operation Control Center Modernization Program	07	14,721	17,937	14,853	U
128	0203761F	Warfighter Rapid Acquisition Process (WRAP) Rapid Transition Fund	07	34,697	22,764	30,584	U
129	0207131F	A-10 Squadrons	07	29,878	56,025	80,771	U
130	0207133F	F-16 Squadrons	07	95,664	154,533	148,373	U
131	0207134F	F-15E Squadrons	07	127,112	143,572	125,062	U
132	0207136F	Manned Destructive Suppression	07	16,143	9,260	515	U
133	0207138F	F/A-22 Squadrons	07	318,369	373,124	584,290	U
134	0207141F	F-117A Squadrons	07	17,385	13,406	14,093	U
135	0207161F	Tactical AIM Missiles	07	5,346	15,416	8,850	U
136	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	31,871	32,788	43,417	U

UNCLASSIFIED

PAGE F-8

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
137	0207224F	Combat Rescue and Recovery	07	6,460	70,801		U
138	0207247F	AF TENCAP	07	17,010	11,661	11,202	U
139	0207248F	Special Evaluation Program	07	195,663	273,167	530,038	U
140	0207253F	Compass Call	07	3,952	9,907	4,469	U
141	0207268F	Aircraft Engine Component Improvement Program	07	141,803	151,082	154,319	U
142	0207277F	CSAF Innovation Program	07	1,780	1,695	1,612	U
143	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	07	43,298	66,042	40,881	U
144	0207410F	Air & Space Operations Center (AOC)	07	22,301	67,029	87,483	U
145	0207412F	Control and Reporting Center (CRC)	07	9,660	18,892	8,798	U
146	0207417F	Airborne Warning and Control System (AWACS)	07	273,971	119,746	165,820	U
147	0207418F	Tactical Airborne Control Systems	07			2,286	U
148	0207423F	Advanced Communications Systems	07	17,940	30,968	53,093	U
149	0207424F	Evaluation and Analysis Program	07	2,501	6,013		U
150	0207433F	Advanced Program Technology	07	243,801	296,063	313,251	U
151	0207438F	Theater Battle Management (TBM) C4I	07	34,948	39,787	31,835	U
152	0207445F	Fighter Tactical Data Link	07	35,668	119,965	113,388	U
153	0207446F	Bomber Tactical Data Link	07	76,568	142,800	168,168	U
154	0207448F	C2ISR Tactical Data Link	07	24,420	14,627	4,338	U
155	0207449F	Command and Control (C2) Constellation	07	38,288	40,334	44,027	U
156	0207581F	Joint Surveillance/Target Attack Radar System (JSTARS)	07	98,394	104,321	152,696	U

## UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
157	0207590F	Seek Eagle	07	22,316	19,232	16,426	U
158	0207591F	Advanced Program Evaluation	07	408,231	286,131	437,057	U
159	0207601F	USAF Modeling and Simulation	07	10,784	25,145	23,470	U
160	0207605F	Wargaming and Simulation Centers	07	6,993	6,278	6,595	U
161	0207697F	Distributed Training and Exercises	07		4,162	6,138	U
162	0208006F	Mission Planning Systems	07	87,659	119,860	146,396	U
163	0208021F	Information Warfare Support	07	10,066	14,973	24,758	U
164	0301310F	National Air Intelligence Center	07				
165	0301314F	COBRA BALL	07				
166	0301315F	Missile and Space Technical Collection	07				
167	0301324F	FOREST GREEN	07				
168	0301386F	GDIP Collection Management	07				
169	0302015F	E-4B National Airborne Operations Center (NAOC)	07	13,801	18,639	283	U
170	0303131F	Minimum Essential Emergency Communications Network (MEECN)	07	17,973	48,327	64,109	U
171	0303140F	Information Systems Security Program	07	65,702	116,532	183,523	U
172	0303141F	Global Combat Support System	07	20,645	20,262	19,895	U
173	0303150F	Global Command and Control System	07	5,096	13,306	3,348	U
174	0303158F	Joint Command and Control Program (JC2)	07		5,125	5,818	U
175	0303601F	MILSATCOM Terminals	07	245,582	269,218	271,562	U
176	0304111F	Special Activities	07				
177	0304260F	Airborne SIGINT Enterprise	07		77,798	117,834	U

PAGE F-10

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
178	0304311F	Selected Activities	07				
179	0304346F	Imagery Derived MASINT	07				
180	0304347F	Overhead Non-Imaging Infrared	07				
181	0305099F	Global Air Traffic Management (GATM)	07	6,727	6,943	6,620	U
182	0305110F	Satellite Control Network (SPACE)	07	19,379	31,170	19,907	U
183	0305111F	Weather Service	07	16,848	28,222	34,899	U
184	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	07	12,512	2,169		U
185	0305116F	Aerial Targets	07	2,909	6,547	5,203	U
186	0305124F	Special Applications Program	07				
187	0305128F	Security and Investigative Activities	07	663	484	509	U
188	0305142F	Applied Technology and Integration	07				
189	0305148F	Measurement and Signature Intelligence (MASINT) Systems/ Program	07	13,811			U
190	0305159F	Defense Reconnaissance Support Activities (SPACE)	07				
191	0305160F	Defense Meteorological Satellite Program (SPACE)	07		3,852	969	U
192	0305164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	07	93,408	123,794	131,083	U
193	0305165F	NAVSTAR Global Positioning System (Space and Control Segments)	07	128,349	184,756	177,792	U
194	0305172F	Combined Advanced Applications	07				
195	0305173F	Space and Missile Test and Evaluation Center	07			4,675	U
196	0305174F	Space Warfare Center	07	397	405	726	U



DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
197	0305182F	Spacelift Range System (SPACE)	07	46,056	49,081	38,044	U
198	0305193F	Intelligence Support to Information Operations (IO)	07	1,087	3,566	3,813	U
199	0305202F	Dragon U-2	07	83,862	10,013		U
200	0305206F	Airborne Reconnaissance Systems	07	60,633	55,737	52,824	U
201	0305207F	Manned Reconnaissance Systems	07	23,364	18,074	10,132	U
202	0305208F	Distributed Common Ground/Surface Systems	07	31,470	34,883	120,777	U
203	0305219F	Predator UAV (JMIP)	07	82,113	64,081	61,466	U
204	0305220F	Global Hawk UAV	07	382,557	327,697	247,665	U
205	0305221F	Network-Centric Collaborative Target (TIARA)	07		8,524	8,499	U
206	0305887F	Intelligence Support to Information Warfare	07	923	961	5,163	U
207	0305906F	NCMC - TW/AA System	07	61,701	57,329	50,908	U
208	0305910F	SPACETRACK (SPACE)	07	129,438	164,190		U
209	0305913F	NUDET Detection System (SPACE)	07	34,691	32,266	60,281	U
210	0305917F	Space Architect	07	14,701	12,676		U
211	0305924F	National Security Space Office	07			13,437	U
212	0305940F	Space Situation Awareness Operations	07			31,401	U
213	0307141F	NASS, IO Technology Integration & Tool Dev	07	13,100	14,965	15,449	U
214	0308699F	Shared Early Warning (SEW)	07	3,183	3,235	2,999	U
215	0401115F	C-130 Airlift Squadron	07	158,716	232,173	248,283	U
216	0401119F	C-5 Airlift Squadrons (IF)	07	311,508	223,252	150,209	U
217	0401130F	C-17 Aircraft (IF)	07	195,042	164,781	173,781	U

## UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
218	0401132F	C-130J Program	07	13,247	6,586	40,542	U
219	0401133F	Aeromedical Evacuation	07		2,047		U
220	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	07	69,069	58,596	34,916	U
221	0401218F	KC-135s	07	1,931	1,477	1,126	U
222	0401219F	KC-10s	07		13,280	4,781	U
223	0401221F	KC-135 Tanker Replacement	07	10,200	97,797	203,932	U
224	0401839F	Air Mobility Tactical Data Link	07			32,099	U
225	0408011F	Special Tactics / Combat Control	07	1,027	2,124	1,024	U
226	0702207F	Depot Maintenance (Non-IF)	07	1,328	1,388	1,457	U
227	0702239F	Avionics Component Improvement Program	07	976			U
228	0702806F	Acquisition and Management Support	07	5,110	4,735	17,706	U
229	0708011F	Industrial Preparedness	07	62,501	55,137	36,673	U
230	0708012F	Logistics Support Activities	07	962	2,760		U
231	0708610F	Logistics Information Technology (LOGIT)	07	3,000	43,384	166,338	U
232	0708611F	Support Systems Development	07	52,764	26,590	10,596	U
233	0804757F	Joint National Training Center	07		2,883	3,073	U
234	0808716F	Other Personnel Activities	07	106	110	113	U
235	0901202F	Joint Personnel Recovery Agency	07		964	992	U
236	0901218F	Civilian Compensation Program	07	14,608	7,339	7,779	U
237	0901220F	Personnel Administration	07		16,150	18,262	U

UNCLASSIFIED

PAGE F-13

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
238	0901538F	Financial Management Information Systems Development	07	14,450	17,281	27,541	U
		Operational Systems Development		----- 11,018,294	----- 11,228,354	----- 13,893,324	
		Total Research, Development, Test & Eval, AF		----- 20,477,909	----- 21,671,763	----- 24,396,767	

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

SUMMARY  
 (\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Budget Activities</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Basic Research	239,556	260,196	283,936
Applied Research	1,924,478	2,048,556	2,180,800
Advanced Technology Development	3,340,434	3,181,632	3,152,232
Advanced Component Development & Prototypes	8,842,109	7,716,672	9,284,843
System Development & Demonstration	428,140	622,121	550,998
RDT&E Management Support	1,108,797	974,852	785,976
Operational Systems Development	4,971,761	4,751,128	4,571,154
<b>Total Research, Development, Test &amp; Eval, DW</b>	<b>20,855,275</b>	<b>19,555,157</b>	<b>20,809,939</b>
<u>Summary Recap of FYDP Programs</u>			
General Purpose Forces	45,116	75,410	93,661
Intelligence and Communications	4,509,232	4,247,822	4,115,027
Research and Development	15,533,765	14,433,909	16,034,480
Central Supply and Maintenance	50,543	37,525	21,660
Administration and Associated Activities	141,660	129,508	107,477
Support of Other Nations	25,300	25,068	41,670
Special Operations Forces	549,659	605,915	395,964
<b>Total Research, Development, Test &amp; Eval, DW</b>	<b>20,855,275</b>	<b>19,555,157</b>	<b>20,809,939</b>

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

SUMMARY  
 (\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Defensewide</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Washington Headquarters Service	1,578	1,670	1,412
Special Operations Command	573,546	628,792	409,658
Defense Technical Information Center	42,363	49,255	51,929
Defense Contract Management Agency	16,114	24,295	11,005
Chemical and Biological Defense Program	714,713	1,049,354	959,070
National Geospatial Intelligence Agency			
Defense Threat Reduction Agency	455,066	422,178	427,755
Defense Business Transformation Agency			140,245
Counter Intelligence Field Activity			
Missile Defense Agency	8,826,727	7,681,968	9,310,361
Office of Secretary Of Defense	2,542,878	2,061,817	1,875,993
Defense Adv Research Projects Agcy	2,947,245	2,978,618	3,294,348
National Security Agency			
The Joint Staff	104,241	90,926	68,480
Defense Information Systems Agency	282,895	308,205	344,845
Defense Intelligence Agency			
Defense Logistics Agency	215,031	221,225	65,889
DoD Human Resources Activity	81,465	90,391	24,266
Defense Security Cooperation Agency	6,859	5,580	1,521
Defense Security Service		16,609	35,439
<b>Total Research, Development, Test &amp; Eval, DW</b>	<b>20,855,275</b>	<b>19,555,157</b>	<b>20,809,939</b>

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
1	0601000BR	DTRA University Strategic Partnership Basic Research Program	01			5,000	U
2	0601101E	Defense Research Sciences	01	165,101	133,308	150,690	U
3	0601111D8Z	Government/Industry Cosponsorship of University Research	01	6,530	10,038		U
4	0601114D8Z	Defense Experimental Program to Stimulate Competitive Research	01	13,821	12,365	9,532	U
5	0601120D8Z	National Defense Education Program	01	2,106	10,119	19,532	U
6	0601384BP	Chemical and Biological Defense Program	01	51,998	94,366	99,182	U
	<b>Basic Research</b>			----- <b>239,556</b>	----- <b>260,196</b>	----- <b>283,936</b>	
7	0602000D8Z	Insensitive Munitions - Exploratory Development	02		6,078	10,447	U
8	0602227D8Z	Medical Free Electron Laser	02	17,575	19,725	10,255	U
9	0602228D8Z	Historically Black Colleges and Universities (HBCU) Science	02	20,145	17,603	14,423	U
10	0602234D8Z	Lincoln Laboratory Research Program	02	23,445	29,438	28,975	U
11	0602303E	Information & Communications Technology	02	182,815	195,991	242,852	U
12	0602304E	Cognitive Computing Systems	02	145,833	163,430	220,085	U
13	0602383E	Biological Warfare Defense	02	155,360	148,108	112,242	U
14	0602384BP	Chemical and Biological Defense Program	02	172,120	246,953	280,422	U
15	0602702E	Tactical Technology	02	316,673	346,076	383,680	U
16	0602715E	Materials and Biological Technology	02	252,168	288,753	297,277	U
17	0602716BR	WMD Defeat Technology	02	244,729	205,370	213,152	U
18	0602716E	Electronics Technology	02	254,514	239,959	246,978	U

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
19	0602717BR	WMD Defense Technologies	02	112,436	108,929	105,021	U
20	0602787D8Z	Medical Technology	02	9,427			U
21	1160401BB	Special Operations Technology Development	02	14,751	29,960	12,698	U
22	1160407BB	SOF Medical Technology Development	02	2,487	2,183	2,293	U
	<b>Applied Research</b>			<b>1,924,478</b>	<b>2,048,556</b>	<b>2,180,800</b>	
23	0603002D8Z	Medical Advanced Technology	03	3,477			U
24	0603121D8Z	SO/LIC Advanced Development	03	34,921	45,689	30,575	U
25	0603122D8Z	Combating Terrorism Technology Support	03	116,717	143,949	65,768	U
26	0603160BR	Counterproliferation Initiatives - Proliferation Prevention and Defeat	03	89,839	107,879	104,582	U
27	0603175C	Ballistic Missile Defense Technology	03	224,016	149,305	206,676	U
28	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	22,005	24,702	16,862	U
29	0603286E	Advanced Aerospace Systems	03	66,919	54,594	115,829	U
30	0603287E	Space Programs and Technology	03	217,004	216,357	254,913	U
31	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	175,182	234,039	207,114	U
32	0603400D8Z	Joint Unmanned Combat Air Systems (J-UCAS) Advanced Technology Dev and Research	03	344,935			U
33	0603618D8Z	Joint Electronic Advanced Technology	03			9,400	U
34	0603648D8Z	Joint Capability Technology Demonstrations	03		34,443	35,553	U
35	0603711D8Z	Joint Robotics Program/Autonomous Systems	03			7,700	U

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
36	0603712S	Generic Logistics R&D Technology Demonstrations	03	142,449	51,815	23,437	U
37	0603713S	Distribution Process Owner Technology Development and Implementation	03		9,857	15,215	U
38	0603716D8Z	Strategic Environmental Research Program	03	54,911	75,429	67,149	U
39	0603720S	Microelectronics Technology Development and Support	03		115,037		U
40	0603727D8Z	Joint Warfighting Program	03	10,376	10,043	10,641	U
41	0603739E	Advanced Electronics Technologies	03	216,824	220,877	248,627	U
42	0603750D8Z	Advanced Concept Technology Demonstrations	03	207,818	170,275	158,334	U
43	0603755D8Z	High Performance Computing Modernization Program	03	216,598	217,489	175,313	U
44	0603760E	Command, Control and Communications Systems	03	213,971	213,316	232,489	U
45	0603764E	Land Warfare Technology	03	60,897	125,384	48,975	U
46	0603765E	Classified DARPA Programs	03	148,933	160,213	151,598	U
47	0603766E	Network-Centric Warfare Technology	03	118,538	134,944	174,276	U
48	0603767E	Sensor Technology	03	196,594	186,746	205,519	U
49	0603768E	Guidance Technology	03	111,145	101,797	157,367	U
50	0603769SE	Distributed Learning Advanced Technology Development	03	15,990	16,574	14,918	U
51	0603781D8Z	Software Engineering Institute	03	19,982	30,762	26,594	U
52	0603805S	Dual Use Technology	03	12,750			U
53	0603826D8Z	Quick Reaction Special Projects	03	127,268	108,942	107,782	U
54	0603828D8Z	Joint Experimentation	03			115,684	U



UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
55	0603832D8Z	Joint Wargaming Simulation Management Office	03	40,915	34,372	36,179	U
56	0603941D8Z	Test & Evaluation Science & Technology	03		27,371	39,939	U
57	0603942D8Z	Technology Link	03	7,749	16,321	6,822	U
58	0605160D8Z	Counterproliferation Support	03	11,651			U
59	1160402BB	Special Operations Advanced Technology Development	03	110,060	143,111	80,402	U
	<b>Advanced Technology Development (ATD)</b>			----- <b>3,340,434</b>	----- <b>3,181,632</b>	----- <b>3,152,232</b>	
60	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04			33,890	U
61	0603228D8Z	Physical Security Equipment	04	26,676	9,851		U
62	0603527D8Z	RETRACT LARCH	04		6,576	22,383	U
63	0603709D8Z	Joint Robotics Program	04	20,826	27,264	12,210	U
64	0603714D8Z	Advanced Sensor Applications Program	04	26,075	24,675	18,820	U
65	0603851D8Z	Environmental Security Technical Certification Program	04	41,325	36,442	28,841	U
66	0603879C	Advanced Concepts, Evaluations And Systems	04	166,997			U
67	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	914,063	1,139,757	1,038,310	U
68	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	4,467,693	2,442,172	2,876,972	U
69	0603883C	Ballistic Missile Defense Boost Defense Segment	04	472,543	471,673	631,616	U
70	0603884BP	Chemical and Biological Defense Program	04	125,420	122,274	73,111	U
71	0603884C	Ballistic Missile Defense Sensors	04	567,193	278,168	514,510	U

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
72	0603886C	Ballistic Missile Defense System Interceptor	04	272,064	209,342	405,508	U
73	0603888C	Ballistic Missile Defense Test & Targets	04	697,801	608,663	591,911	U
74	0603889C	Ballistic Missile Defense Products	04	384,935	388,830	506,840	U
75	0603890C	Ballistic Missile Defense Systems Core	04	398,852	407,492	473,077	U
76	0603891C	Special Programs - MDA	04		274,877	374,532	U
77	0603892C	AEGIS BMD	04		915,664	1,031,874	U
78	0603893C	Space Tracking & Surveillance System	04		231,488	390,585	U
79	0603894C	Multiple Kill Vehicle	04		50,324	164,975	U
80	0603920D8Z	Humanitarian Demining	04	13,154	14,078	14,489	U
81	0603923D8Z	Coalition Warfare	04	5,643	5,685	5,878	U
82	0604016D8Z	Department of Defense Corrosion Program	04		7,619	4,966	U
83	0604400D8Z	Joint Unmanned Combat Air Systems (J-UCAS) Advanced Component and Prototype Deve	04	210,944			U
84	0604648D8Z	Joint Capability Technology Demonstrations	04		6,889	3,047	U
85	0604787D8Z	Joint Systems Integration Command (JSIC)	04			20,755	U
86	0604828D8Z	Joint FIRES Integration and Interoperability Team	04			16,782	U
87	0605017D8Z	Reduction Of Total Ownership Cost	04		24,429	25,289	U
88	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	29,905	12,440	3,672	U
<b>Advanced Component Development &amp; Prototypes</b>				<b>8,842,109</b>	<b>7,716,672</b>	<b>9,284,843</b>	

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
89	0604051D8Z	Defense Acquisition Challenge Program (DACP)	05	24,727	33,533	29,500	U
90	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05			9,277	U
91	0604384BP	Chemical and Biological Defense Program	05	138,278	260,279	212,072	U
92	0604618D8Z	MANPADS Defense Program	05	15,280	18,548		U
93	0604709D8Z	Joint Robotics Program	05	31,549	20,464	6,004	U
94	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05	17,980	9,192	9,392	U
95	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	17,075	10,899	8,177	U
96	0605013BL	Information Technology Development	05	10,060	19,221	11,005	U
97	0605015BL	Information Technology Development-Standard Procurement System (SPS)	05	6,054	5,074		U
98	0605016D8Z	Financial Management System Improvements	05	41,408	79,697		U
99	0605018SE	Defense Integrated Military Human Resources System (DIMHRS)	05	56,933	65,090		U
100	0605019D8Z	Acquisition Domain	05		3,543		U
101	0605020BTA	Business Transformation Agency R&D Activities	05			140,245	U
102	0605140D8Z	Trusted Foundry	05	22,355	31,151	42,522	U
103	0605648D8Z	Defense Acquisition Executive (DAE) Pilot Program	05		985	6,015	U
104	0303129K	Defense Message System	05	9,179	13,176	11,202	U
105	0303140K	Information Systems Security Program	05	4,764			U
106	0303141K	Global Combat Support System	05	16,961	17,695	18,556	U

UNCLASSIFIED  
DEFENSE-WIDE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
107	0303158K	Joint Command and Control Program (JC2)	05	2,905	15,358	47,031	U
108	0305840K	Electronic Commerce	05	3,379	6,602		U
109	0305840S	Electronic Commerce	05	2,169			U
110	0901200D8Z	BMMP Domain Management and Systems Integration	05	7,084	11,614		U
<b>System Development and Demonstration (SDD)</b>				-----	-----	-----	
				<b>428,140</b>	<b>622,121</b>	<b>550,998</b>	
111	0603704D8Z	Special Technical Support	06	29,531	20,977		U
112	0603757D8Z	Training Transformation (T2)	06			72,897	U
113	0603858D8Z	Unexploded Ordnance Detection and Clearance	06	4,739			U
114	0604140D8Z	Capital Asset Management System-Military Equipment (CAMS-ME)	06		4,736		U
115	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	18,768	15,229	10,322	U
116	0604875D8Z	Joint Systems Architecture Development	06	4,754	10,780	9,390	U
117	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06		138,918	130,290	U
118	0604943D8Z	Thermal Vicar	06	6,965	7,163	7,492	U
119	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06			10,600	U
120	0605104D8Z	Technical Studies, Support and Analysis	06	30,470	32,549	30,339	U
121	0605110BR	Critical Technology Support	06	1,919			U
122	0605110D8Z	USD(A&T)--Critical Technology Support	06		1,967	2,029	U
123	0605114D8Z	BLACK LIGHT	06	20,417			U

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
124	0605117D8Z	Foreign Material Acquisition and Exploitation	06	34,694	55,989	38,253	U
125	0605123D8Z	Interagency Export License Automation	06	5,426			U
126	0605124D8Z	Defense Travel System	06	25,701	20,116		U
127	0605126J	Joint Theater Air and Missile Defense Organization	06	84,411	76,263	52,486	U
128	0605128D8Z	Classified Program USD(P)	06	121,330	88,566		U
129	0605130D8Z	Foreign Comparative Testing	06	36,268	37,260	31,995	U
130	0605161D8Z	Nuclear Matters-Physical Security	06		12,244	4,285	U
131	0605170D8Z	Support to Networks and Information Integration	06	36,185	16,539	10,990	U
132	0605200D8Z	General Support to USD (Intelligence)	06	7,680	14,054	5,637	U
133	0605384BP	Chemical and Biological Defense Program	06	49,645	81,494	80,134	U
134	0605502BR	Small Business Innovation Research	06	6,143			U
135	0605502C	Small Business Innovative Research - MDA	06	138,907			U
136	0605502D8Z	Small Business Innovative Research	06	58,231			U
137	0605502E	Small Business Innovative Research	06	75,374			U
138	0605790D8Z	Small Business Innovation Research/Challenge Administration	06	3,338	6,970	2,073	U
139	0605798S	Defense Technology Analysis	06	7,120	6,991	5,577	U
140	0605799D8Z	Force Transformation Directorate	06	37,645	60,448	20,404	U
141	0605801KA	Defense Technical Information Center (DTIC)	06	42,363	49,255	51,929	U
142	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	8,542	8,727	9,348	U

UNCLASSIFIED  
DEFENSE-WIDE  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
143	0605804D8Z	Development Test and Evaluation	06	8,615	8,733	9,203	U
144	0605898E	Management HQ - R&D	06	48,582	48,765	50,951	U
145	0301555G	Classified Programs	06				
146	0301556G	Special Program	06				
147	0303169D8Z	Information Technology Rapid Acquisition	06	4,510	5,491	5,090	U
148	0305193D8Z	Intelligence Support to Information Operations (IO)	06	12,561	13,718	14,128	U
149	0305193G	Intelligence Support to Information Operations (IO)	06				
150	0901585C	Pentagon Reservation	06	11,001	14,886	15,586	U
151	0901598C	Management HQ - MDA	06	110,662	99,327	87,389	U
152	0901598D8W	IT Software Dev Initiatives	06	1,578	1,670	1,412	U
	<b>RDT&amp;E Management Support</b>			<b>1,108,797</b>	<b>974,852</b>	<b>785,976</b>	
153	0604130V	Defense Information System for Security (DISS)	07		16,609	35,439	U
154	0605127T	Partnership for Peace (PfP) Information Management System	07	6,859	5,580	1,521	U
155	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	2,070	9,949	7,035	U
156	0607828D8Z	Joint Integration and Interoperability	07			66,906	U
157	0204571J	Joint Staff Analytical Support	07		7,606	7,686	U
158	0208043J	Classified Programs	07	1,440	1,547	1,662	U
159	0208045K	C4I Interoperability	07	40,706	66,257	84,313	U
160	0208052J	Joint Analytical Model Improvement Program	07	2,970			U
161	0301011G	Cryptologic Activities	07				

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
162	0301301L	General Defense Intelligence Program	07				
163	0301318BB	HUMINT (Controlled)	07				
164	0301398L	Management HQ - GDIP	07				
165	0301555BB	Classified Programs	07				
166	0301556BB	Special Program	07				
167	0302016K	National Military Command System-Wide Support	07	1,209	649	721	U
168	0302019K	Defense Info Infrastructure Engineering and Integration	07	3,104	5,388	34,007	U
169	0303126K	Long-Haul Communications - DCS	07	10,158	1,449	1,523	U
170	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	7,792	7,332	7,691	U
171	0303135G	Public Key Infrastructure (PKI)	07			14,240	U
172	0303136G	Key Management Infrastructure (KMI)	07			38,257	U
173	0303140D8Z	Information Systems Security Program	07	11,716	12,347	14,856	U
174	0303140G	Information Systems Security Program	07	426,814	456,975	404,337	U
175	0303148K	DISA Mission Support Operations	07		9,291	1,224	U
176	0303149J	C4I for the Warrior	07	4,085	3,499	3,556	U
177	0303149K	C4I for the Warrior	07	20,257	6,221	6,551	U
178	0303150K	Global Command and Control System	07	60,979	51,584	59,681	U
179	0303153K	Joint Spectrum Center	07	17,839	13,896	12,448	U
180	0303165K	Defense Collaboration Tool Suite (DCTS)	07	6,554			U

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
181	0303170K	Net-Centric Enterprise Services (NCES)	07	49,184	77,037	28,630	U
182	0303610K	Teleport Program	07	9,945	7,078	14,424	U
183	0304210BB	Special Applications for Contingencies	07	21,526			
184	0304345BQ	National Geospatial-Intelligence Program (NGP)	07				
185	0305102BQ	Defense Geospatial-Intelligence Program	07				
186	0305125D8Z	Critical Infrastructure Protection (CIP)	07	27,260	12,166	12,422	U
187	0305127BZ	Foreign Counterintelligence Activities	07				
188	0305146BZ	Defense Joint Counterintelligence Activities	07	47,720	20,115	20,791	U
189	0305183L	Defense Human Intelligence (HUMINT) Activities	07				
190	0305193L	Intelligence Support to Information Operations (IO)	07				
191	0305199D8Z	Net Centricity	07	124,376	8,254	8,746	U
192	0305202G	Dragon U-2	07				
193	0305206G	Airborne Reconnaissance Systems	07				
194	0305207G	Manned Reconnaissance Systems	07				
195	0305208BQ	Distributed Common Ground/Surface Systems	07				
196	0305208G	Distributed Common Ground/Surface Systems	07				
197	0305208K	Distributed Common Ground/Surface Systems	07			7,451	U



UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
198	0305208L	Distributed Common Ground/Surface Systems	07				
199	0305880L	Combatant Command Intelligence Operations	07				
200	0305883L	Hard and Deeply Buried Target (HDBT) Intel Support	07				
201	0305884L	Intelligence Planning and Review Activities	07				
202	0305885G	Tactical Cryptologic Activities	07				
203	0305889G	Counterdrug Intelligence Support	07	6,774			U
204	0305889L	Counterdrug Intelligence Support	07				
205	0307141G	NASS, IO Technology Integration & Tool Dev	07				
206	0307207G	Aerial Common Sensor (ACS)	07				
207	0708011S	Industrial Preparedness	07	39,424	34,667	18,748	U
208	0708012S	Logistics Support Activities	07	11,119	2,858	2,912	U
209	0902298J	Management Headquarters (JCS)	07	11,335	2,011	3,090	U
210	1001018D8Z	NATO Joint STARS	07	25,300	25,068	41,670	U
211	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	07	12,926			U
212	1160403BB	Special Operations Aviation Systems Advanced Development	07	86,998	102,840	83,704	U
213	1160404BB	Special Operations Tactical Systems Development	07	64,635	105,238	45,241	U
214	1160405BB	Special Operations Intelligence Systems Development	07	50,415	59,751	29,011	U
215	1160408BB	SOF Operational Enhancements	07	76,317	74,484	99,010	U

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
216	1160421BB	Special Operations CV-22 Development	07	53,059	29,526		U
217	1160425BB	Special Operations Aircraft Defensive Systems	07	55,122	26,934	7,850	U
218	1160426BB	Operations Advanced Seal Delivery System (ASDS) Development	07	22,889	31,888	32,452	U
219	1160427BB	Mission Training and Preparation Systems (MTPS)	07			1,782	U
220	1160428BB	Unmanned Vehicles (UV)	07			1,521	U
<b>Operational Systems Development</b>				<b>4,971,761</b>	<b>4,751,128</b>	<b>4,571,154</b>	
<b>Total Research, Development, Test &amp; Eval, DW</b>				<b>20,855,275</b>	<b>19,555,157</b>	<b>20,809,939</b>	

UNCLASSIFIED  
DEFENSE-WIDE  
FY 2007 RDT&E PROGRAM

SUMMARY  
(\$ IN THOUSANDS)

FEB 2006

<u>Summary Recap of Budget Activities</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Advanced Technology Development	14,654		
RDT&E Management Support	295,607	165,521	181,520
<b>Total Operational Test &amp; Eval, Defense</b>	<b>310,261</b>	<b>165,521</b>	<b>181,520</b>
 <u>Summary Recap of FYDP Programs</u>			
Research and Development	310,261	165,521	181,520
<b>Total Operational Test &amp; Eval, Defense</b>	<b>310,261</b>	<b>165,521</b>	<b>181,520</b>

UNCLASSIFIED  
 DEFENSE-WIDE  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0460D Operational Test & Eval, Defense

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
1	0603941D8Z	Test & Evaluation Science & Technology	03	14,654			U
		<b>Advanced Technology Development</b>		<b>14,654</b>			
2	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	133,728			U
3	0605118D8Z	Operational Test and Evaluation	06	43,159	43,162		U
4	0605118OTE	Operational Test and Evaluation	06			50,161	U
5	0605131D8Z	Live Fire Testing	06	11,102	10,160		U
6	0605131OTE	Live Fire Test and Evaluation	06			11,245	U
7	0605804D8Z	Development Test and Evaluation	06	107,618	112,199		U
8	0605814OTE	Operational Test Activities and Analyses	06			120,114	U
		<b>RDT&amp;E Management Support</b>		<b>295,607</b>	<b>165,521</b>	<b>181,520</b>	
		<b>Total Operational Test &amp; Eval, Defense</b>		<b>310,261</b>	<b>165,521</b>	<b>181,520</b>	

Washington Headquarters Service  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
152	0901598D8W	IT Software Dev Initiatives	06	1,578	1,670	1,412	U
		RDT&E Management Support		1,578	1,670	1,412	
		Total Washington Headquarters Service		1,578	1,670	1,412	

Special Operations Command  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
21	1160401BB	Special Operations Technology Development	02	14,751	29,960	12,698	U
22	1160407BB	SOF Medical Technology Development	02	2,487	2,183	2,293	U
		<b>Applied Research</b>		<b>17,238</b>	<b>32,143</b>	<b>14,991</b>	
59	1160402BB	Special Operations Advanced Technology Development	03	110,060	143,111	80,402	U
		<b>Advanced Technology Development (ATD)</b>		<b>110,060</b>	<b>143,111</b>	<b>80,402</b>	
163	0301318BB	HUMINT (Controlled)	07				
165	0301555BB	Classified Programs	07				
166	0301556BB	Special Program	07				
183	0304210BB	Special Applications for Contingencies	07	21,526			
		Operational Systems Development					
211	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	07	12,926			U
212	1160403BB	Special Operations Aviation Systems Advanced Development	07	86,998	102,840	83,704	U
213	1160404BB	Special Operations Tactical Systems Development	07	64,635	105,238	45,241	U
214	1160405BB	Special Operations Intelligence Systems Development	07	50,415	59,751	29,011	U
215	1160408BB	SOF Operational Enhancements	07	76,317	74,484	99,010	U
216	1160421BB	Special Operations CV-22 Development	07	53,059	29,526		U
217	1160425BB	Special Operations Aircraft Defensive Systems	07	55,122	26,934	7,850	U
218	1160426BB	Operations Advanced Seal Delivery System (ASDS) Development	07	22,889	31,888	32,452	U

Special Operations Command  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
219	1160427BB	Mission Training and Preparation Systems (MTPS)	07			1,782	U
220	1160428BB	Unmanned Vehicles (UV)	07			1,521	U
	Operational Systems Development			-----	-----	-----	
				422,361	430,661	300,571	
	Total Special Operations Command			-----	-----	-----	
				573,546	628,792	409,658	

## UNCLASSIFIED

Defense Technical Information Center  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line <u>No</u>	Program Element <u>Number</u>	<u>Item</u>	<u>Act</u>	Thousands of Dollars			<u>S</u> <u>E</u> <u>C</u>
				<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
141	0605801KA	Defense Technical Information Center (DTIC)	06	42,363	49,255	51,929	U
		RDT&E Management Support		----- 42,363	----- 49,255	----- 51,929	
		Total Defense Technical Information Center		----- 42,363	----- 49,255	----- 51,929	

UNCLASSIFIED

PAGE D-21



Defense Contract Management Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
96	0605013BL	Information Technology Development	05	10,060	19,221	11,005	U
97	0605015BL	Information Technology Development-Standard Procurement System (SPS)	05	6,054	5,074		U
		<b>System Development and Demonstration (SDD)</b>		----- 16,114	----- 24,295	----- 11,005	
		<b>Total Defense Contract Management Agency</b>		----- 16,114	----- 24,295	----- 11,005	

Chemical and Biological Defense Program  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
6	0601384BP	Chemical and Biological Defense Program	01	51,998	94,366	99,182	U
		<b>Basic Research</b>		<b>51,998</b>	<b>94,366</b>	<b>99,182</b>	
14	0602384BP	Chemical and Biological Defense Program	02	172,120	246,953	280,422	U
		<b>Applied Research</b>		<b>172,120</b>	<b>246,953</b>	<b>280,422</b>	
31	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	175,182	234,039	207,114	U
		<b>Advanced Technology Development (ATD)</b>		<b>175,182</b>	<b>234,039</b>	<b>207,114</b>	
70	0603884BP	Chemical and Biological Defense Program	04	125,420	122,274	73,111	U
		<b>Advanced Component Development &amp; Prototypes</b>		<b>125,420</b>	<b>122,274</b>	<b>73,111</b>	
91	0604384BP	Chemical and Biological Defense Program	05	138,278	260,279	212,072	U
		<b>System Development and Demonstration (SDD)</b>		<b>138,278</b>	<b>260,279</b>	<b>212,072</b>	
133	0605384BP	Chemical and Biological Defense Program	06	49,645	81,494	80,134	U
		<b>RDT&amp;E Management Support</b>		<b>49,645</b>	<b>81,494</b>	<b>80,134</b>	
155	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	2,070	9,949	7,035	U
		<b>Operational Systems Development</b>		<b>2,070</b>	<b>9,949</b>	<b>7,035</b>	
		<b>Total Chemical and Biological Defense Program</b>		<b>714,713</b>	<b>1,049,354</b>	<b>959,070</b>	

National Geospatial Intelligence Agency  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
184	0304345BQ	National Geospatial-Intelligence Program (NGP)	07				
185	0305102BQ	Defense Geospatial-Intelligence Program	07				
195	0305208BQ	Distributed Common Ground/Surface Systems					
		Operational Systems Development		-----	-----	-----	
		Total National Geospatial Intelligence Agency		-----	-----	-----	

Defense Threat Reduction Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
1	0601000BR	DTRA University Strategic Partnership Basic Research Program	01			5,000	U
		<b>Basic Research</b>				<b>5,000</b>	
17	0602716BR	WMD Defeat Technology	02	244,729	205,370	213,152	U
19	0602717BR	WMD Defense Technologies	02	112,436	108,929	105,021	U
		<b>Applied Research</b>		<b>357,165</b>	<b>314,299</b>	<b>318,173</b>	
26	0603160BR	Counterproliferation Initiatives - Proliferation Prevention and Defeat	03	89,839	107,879	104,582	U
		<b>Advanced Technology Development (ATD)</b>		<b>89,839</b>	<b>107,879</b>	<b>104,582</b>	
121	0605110BR	Critical Technology Support	06	1,919			U
134	0605502BR	Small Business Innovation Research	06	6,143			U
		<b>RDT&amp;E Management Support</b>		<b>8,062</b>			
		<b>Total Defense Threat Reduction Agency</b>		<b>455,066</b>	<b>422,178</b>	<b>427,755</b>	

Defense Business Transformation Agency  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars		FY 2007	S E C
				FY 2005	FY 2006		
101	0605020BTA	Business Transformation Agency R&D Activities	05			140,245	U
		System Development and Demonstration (SDD)		-----	-----	140,245	
		Total Defense Business Transformation Agency		-----	-----	140,245	

Counter Intelligence Field Activity  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
187	0305127BZ	Foreign Counterintelligence Activities	07				
188	0305146BZ	Defense Joint Counterintelligence Activities	07	47,720	20,115	20,791	U
		Operational Systems Development		-----	-----	-----	
		Total Counter Intelligence Field Activity		-----	-----	-----	

Missile Defense Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
27	0603175C	Ballistic Missile Defense Technology	03	224,016	149,305	206,676	U
		<b>Advanced Technology Development (ATD)</b>		<b>224,016</b>	<b>149,305</b>	<b>206,676</b>	
66	0603879C	Advanced Concepts, Evaluations And Systems	04	166,997			U
67	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	914,063	1,139,757	1,038,310	U
68	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	4,467,693	2,442,172	2,876,972	U
69	0603883C	Ballistic Missile Defense Boost Defense Segment	04	472,543	471,673	631,616	U
71	0603884C	Ballistic Missile Defense Sensors	04	567,193	278,168	514,510	U
72	0603886C	Ballistic Missile Defense System Interceptor	04	272,064	209,342	405,508	U
73	0603888C	Ballistic Missile Defense Test & Targets	04	697,801	608,663	591,911	U
74	0603889C	Ballistic Missile Defense Products	04	384,935	388,830	506,840	U
75	0603890C	Ballistic Missile Defense Systems Core	04	398,852	407,492	473,077	U
76	0603891C	Special Programs - MDA	04		274,877	374,532	U
77	0603892C	AEgis BMD	04		915,664	1,031,874	U
78	0603893C	Space Tracking & Surveillance System	04		231,488	390,585	U
79	0603894C	Multiple Kill Vehicle	04		50,324	164,975	U
		<b>Advanced Component Development &amp; Prototypes</b>		<b>8,342,141</b>	<b>7,418,450</b>	<b>9,000,710</b>	
135	0605502C	Small Business Innovative Research - MDA	06	138,907			U
		<b>RDT&amp;E Management Support</b>		<b>138,907</b>			
150	0901585C	Pentagon Reservation	06	11,001	14,886	15,586	U

Missile Defense Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
151	0901598C	Management HQ - MDA	06	110,662	99,327	87,389	U
		RDT&E Management Support		121,663	114,213	102,975	
		Total Missile Defense Agency		8,826,727	7,681,968	9,310,361	



Office of Secretary Of Defense  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
3	0601111D8Z	Government/Industry Cosponsorship of University Research	01	6,530	10,038		U
4	0601114D8Z	Defense Experimental Program to Stimulate Competitive Research	01	13,821	12,365	9,532	U
5	0601120D8Z	National Defense Education Program	01	2,106	10,119	19,532	U
		<b>Basic Research</b>		<b>22,457</b>	<b>32,522</b>	<b>29,064</b>	
7	0602000D8Z	Insensitive Munitions - Exploratory Development	02		6,078	10,447	U
8	0602227D8Z	Medical Free Electron Laser	02	17,575	19,725	10,255	U
9	0602228D8Z	Historically Black Colleges and Universities (HBCU) Science	02	20,145	17,603	14,423	U
10	0602234D8Z	Lincoln Laboratory Research Program	02	23,445	29,438	28,975	U
20	0602787D8Z	Medical Technology	02	9,427			U
		<b>Applied Research</b>		<b>70,592</b>	<b>72,844</b>	<b>64,100</b>	
23	0603002D8Z	Medical Advanced Technology	03	3,477			U
24	0603121D8Z	SO/LIC Advanced Development	03	34,921	45,689	30,575	U
25	0603122D8Z	Combating Terrorism Technology Support	03	116,717	143,949	65,768	U
28	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	22,005	24,702	16,862	U
32	0603400D8Z	Joint Unmanned Combat Air Systems (J-UCAS) Advanced Technology Dev and Research	03	344,935			U
33	0603618D8Z	Joint Electronic Advanced Technology	03			9,400	U
34	0603648D8Z	Joint Capability Technology Demonstrations	03		34,443	35,553	U
35	0603711D8Z	Joint Robotics Program/Autonomous Systems	03			7,700	U

Office of Secretary Of Defense  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
38	0603716D8Z	Strategic Environmental Research Program	03	54,911	75,429	67,149	U
40	0603727D8Z	Joint Warfighting Program	03	10,376	10,043	10,641	U
42	0603750D8Z	Advanced Concept Technology Demonstrations	03	207,818	170,275	158,334	U
43	0603755D8Z	High Performance Computing Modernization Program	03	216,598	217,489	175,313	U
51	0603781D8Z	Software Engineering Institute	03	19,982	30,762	26,594	U
53	0603826D8Z	Quick Reaction Special Projects	03	127,268	108,942	107,782	U
54	0603828D8Z	Joint Experimentation	03			115,684	U
55	0603832D8Z	Joint Wargaming Simulation Management Office	03	40,915	34,372	36,179	U
56	0603941D8Z	Test & Evaluation Science & Technology	03		27,371	39,939	U
57	0603942D8Z	Technology Link	03	7,749	16,321	6,822	U
58	0605160D8Z	Counterproliferation Support	03	11,651			U
	<b>Advanced Technology Development (ATD)</b>			<b>1,219,323</b>	<b>939,787</b>	<b>910,295</b>	
60	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04			33,890	U
61	0603228D8Z	Physical Security Equipment	04	26,676	9,851		U
62	0603527D8Z	RETRACT LARCH	04		6,576	22,383	U
63	0603709D8Z	Joint Robotics Program	04	20,826	27,264	12,210	U
64	0603714D8Z	Advanced Sensor Applications Program	04	26,075	24,675	18,820	U
65	0603851D8Z	Environmental Security Technical Certification Program	04	41,325	36,442	28,841	U
80	0603920D8Z	Humanitarian Demining	04	13,154	14,078	14,489	U
81	0603923D8Z	Coalition Warfare	04	5,643	5,685	5,878	U

Office of Secretary Of Defense  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
82	0604016D8Z	Department of Defense Corrosion Program	04		7,619	4,966	U
83	0604400D8Z	Joint Unmanned Combat Air Systems (J-UCAS) Advanced Component and Prototype Deve	04	210,944			U
84	0604648D8Z	Joint Capability Technology Demonstrations	04		6,889	3,047	U
85	0604787D8Z	Joint Systems Integration Command (JSIC)	04			20,755	U
86	0604828D8Z	Joint FIRES Integration and Interoperability Team	04			16,782	U
87	0605017D8Z	Reduction Of Total Ownership Cost	04		24,429	25,289	U
		<b>Advanced Component Development &amp; Prototypes</b>		<b>344,643</b>	<b>163,508</b>	<b>207,350</b>	
88	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	29,905	12,440	3,672	U
		<b>Advanced Component Development &amp; Prototypes</b>		<b>29,905</b>	<b>12,440</b>	<b>3,672</b>	
89	0604051D8Z	Defense Acquisition Challenge Program (DACP)	05	24,727	33,533	29,500	U
90	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05			9,277	U
92	0604618D8Z	MANPADS Defense Program	05	15,280	18,548		U
93	0604709D8Z	Joint Robotics Program	05	31,549	20,464	6,004	U
95	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	17,075	10,899	8,177	U
98	0605016D8Z	Financial Management System Improvements	05	41,408	79,697		U
100	0605019D8Z	Acquisition Domain	05		3,543		U
102	0605140D8Z	Trusted Foundry	05	22,355	31,151	42,522	U

Office of Secretary Of Defense  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
103	0605648D8Z	Defense Acquisition Executive (DAE) Pilot Program	05		985	6,015	U
		<b>System Development and Demonstration (SDD)</b>		<b>152,394</b>	<b>198,820</b>	<b>101,495</b>	
110	0901200D8Z	BMMP Domain Management and Systems Integration	05	7,084	11,614		U
		<b>System Development and Demonstration (SDD)</b>		<b>7,084</b>	<b>11,614</b>		
111	0603704D8Z	Special Technical Support	06	29,531	20,977		U
112	0603757D8Z	Training Transformation (T2)	06			72,897	U
113	0603858D8Z	Unexploded Ordnance Detection and Clearance	06	4,739			U
114	0604140D8Z	Capital Asset Management System-Military Equipment (CAMS-ME)	06		4,736		U
115	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	18,768	15,229	10,322	U
116	0604875D8Z	Joint Systems Architecture Development	06	4,754	10,780	9,390	U
117	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06		138,918	130,290	U
118	0604943D8Z	Thermal Vicar	06	6,965	7,163	7,492	U
119	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06			10,600	U
120	0605104D8Z	Technical Studies, Support and Analysis	06	30,470	32,549	30,339	U
122	0605110D8Z	USD(A&T)--Critical Technology Support	06		1,967	2,029	U
123	0605114D8Z	BLACK LIGHT	06	20,417			U
124	0605117D8Z	Foreign Material Acquisition and Exploitation	06	34,694	55,989	38,253	U

## Office of Secretary Of Defense

FY 2007 RDT&amp;E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
125	0605123D8Z	Interagency Export License Automation	06	5,426			U
126	0605124D8Z	Defense Travel System	06	25,701	20,116		U
128	0605128D8Z	Classified Program USD(P)	06	121,330	88,566		U
129	0605130D8Z	Foreign Comparative Testing	06	36,268	37,260	31,995	U
130	0605161D8Z	Nuclear Matters-Physical Security	06		12,244	4,285	U
131	0605170D8Z	Support to Networks and Information Integration	06	36,185	16,539	10,990	U
132	0605200D8Z	General Support to USD (Intelligence)	06	7,680	14,054	5,637	U
136	0605502D8Z	Small Business Innovative Research	06	58,231			U
138	0605790D8Z	Small Business Innovation Research/Challenge Administration	06	3,338	6,970	2,073	U
140	0605799D8Z	Force Transformation Directorate	06	37,645	60,448	20,404	U
143	0605804D8Z	Development Test and Evaluation	06	8,615	8,733	9,203	U
		<b>RDT&amp;E Management Support</b>		<b>490,757</b>	<b>553,238</b>	<b>396,199</b>	
147	0303169D8Z	Information Technology Rapid Acquisition	06	4,510	5,491	5,090	U
148	0305193D8Z	Intelligence Support to Information Operations (IO)	06	12,561	13,718	14,128	U
		<b>RDT&amp;E Management Support</b>		<b>17,071</b>	<b>19,209</b>	<b>19,218</b>	
156	0607828D8Z	Joint Integration and Interoperability	07			66,906	U
		<b>Operational Systems Development</b>				<b>66,906</b>	
173	0303140D8Z	Information Systems Security Program	07	11,716	12,347	14,856	U
186	0305125D8Z	Critical Infrastructure Protection (CIP)	07	27,260	12,166	12,422	U

Office of Secretary Of Defense  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
191	0305199D8Z	Net Centricity	07	124,376	8,254	8,746	U
		Operational Systems Development		163,352	32,767	36,024	
210	1001018D8Z	NATO Joint STARS	07	25,300	25,068	41,670	U
		Operational Systems Development		25,300	25,068	41,670	
Total Office of Secretary Of Defense				2,542,878	2,061,817	1,875,993	

Defense Adv Research Projects Agcy  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
2	0601101E	Defense Research Sciences	01	165,101	133,308	150,690	U
		<b>Basic Research</b>		<b>165,101</b>	<b>133,308</b>	<b>150,690</b>	
11	0602303E	Information & Communications Technology	02	182,815	195,991	242,852	U
12	0602304E	Cognitive Computing Systems	02	145,833	163,430	220,085	U
13	0602383E	Biological Warfare Defense	02	155,360	148,108	112,242	U
15	0602702E	Tactical Technology	02	316,673	346,076	383,680	U
16	0602715E	Materials and Biological Technology	02	252,168	288,753	297,277	U
18	0602716E	Electronics Technology	02	254,514	239,959	246,978	U
		<b>Applied Research</b>		<b>1,307,363</b>	<b>1,382,317</b>	<b>1,503,114</b>	
29	0603286E	Advanced Aerospace Systems	03	66,919	54,594	115,829	U
30	0603287E	Space Programs and Technology	03	217,004	216,357	254,913	U
41	0603739E	Advanced Electronics Technologies	03	216,824	220,877	248,627	U
44	0603760E	Command, Control and Communications Systems	03	213,971	213,316	232,489	U
45	0603764E	Land Warfare Technology	03	60,897	125,384	48,975	U
46	0603765E	Classified DARPA Programs	03	148,933	160,213	151,598	U
47	0603766E	Network-Centric Warfare Technology	03	118,538	134,944	174,276	U
48	0603767E	Sensor Technology	03	196,594	186,746	205,519	U
49	0603768E	Guidance Technology	03	111,145	101,797	157,367	U
		<b>Advanced Technology Development (ATD)</b>		<b>1,350,825</b>	<b>1,414,228</b>	<b>1,589,593</b>	
137	0605502E	Small Business Innovative Research	06	75,374			U

Defense Adv Research Projects Agcy  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
144	0605898E	Management HQ - R&D	06	48,582	48,765	50,951	U
		RDT&E Management Support		123,956	48,765	50,951	
		Total Defense Adv Research Projects Agcy		2,947,245	2,978,618	3,294,348	



National Security Agency  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
145	0301555G	Classified Programs	06				
146	0301556G	Special Program	06				
149	0305193G	Intelligence Support to Information Operations (IO)	06				
		RDT&E Management Support		-----	-----	-----	
161	0301011G	Cryptologic Activities	07				
171	0303135G	Public Key Infrastructure (PKI)	07			14,240	U
172	0303136G	Key Management Infrastructure (KMI)	07			38,257	U
174	0303140G	Information Systems Security Program	07	426,814	456,975	404,337	U
192	0305202G	Dragon U-2	07				
193	0305206G	Airborne Reconnaissance Systems	07				
194	0305207G	Manned Reconnaissance Systems	07				
196	0305208G	Distributed Common Ground/Surface Systems	07				
202	0305885G	Tactical Cryptologic Activities	07				
203	0305889G	Counterdrug Intelligence Support	07	6,774			U
205	0307141G	NASS, IO Technology Integration & Tool Dev	07				
206	0307207G	Aerial Common Sensor (ACS)	07				
		Operational Systems Development		-----	-----	-----	
		Total National Security Agency		-----	-----	-----	

The Joint Staff  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
127	0605126J	Joint Theater Air and Missile Defense Organization	06	84,411	76,263	52,486	U
		<b>RDT&amp;E Management Support</b>		<b>84,411</b>	<b>76,263</b>	<b>52,486</b>	
157	0204571J	Joint Staff Analytical Support	07		7,606	7,686	U
158	0208043J	Classified Programs	07	1,440	1,547	1,662	U
160	0208052J	Joint Analytical Model Improvement Program	07	2,970			U
		<b>Operational Systems Development</b>		<b>4,410</b>	<b>9,153</b>	<b>9,348</b>	
176	0303149J	C4I for the Warrior	07	4,085	3,499	3,556	U
		<b>Operational Systems Development</b>		<b>4,085</b>	<b>3,499</b>	<b>3,556</b>	
209	0902298J	Management Headquarters (JCS)	07	11,335	2,011	3,090	U
		<b>Operational Systems Development</b>		<b>11,335</b>	<b>2,011</b>	<b>3,090</b>	
		<b>Total The Joint Staff</b>		<b>104,241</b>	<b>90,926</b>	<b>68,480</b>	

Defense Information Systems Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
94	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05	17,980	9,192	9,392	U
		<b>System Development and Demonstration (SDD)</b>		<b>17,980</b>	<b>9,192</b>	<b>9,392</b>	
104	0303129K	Defense Message System	05	9,179	13,176	11,202	U
105	0303140K	Information Systems Security Program	05	4,764			U
106	0303141K	Global Combat Support System	05	16,961	17,695	18,556	U
107	0303158K	Joint Command and Control Program (JC2)	05	2,905	15,358	47,031	U
108	0305840K	Electronic Commerce	05	3,379	6,602		U
		<b>System Development and Demonstration (SDD)</b>		<b>37,188</b>	<b>52,831</b>	<b>76,789</b>	
159	0208045K	C4I Interoperability	07	40,706	66,257	84,313	U
		<b>Operational Systems Development</b>		<b>40,706</b>	<b>66,257</b>	<b>84,313</b>	
167	0302016K	National Military Command System-Wide Support	07	1,209	649	721	U
168	0302019K	Defense Info Infrastructure Engineering and Integration	07	3,104	5,388	34,007	U
169	0303126K	Long-Haul Communications - DCS	07	10,158	1,449	1,523	U
170	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	7,792	7,332	7,691	U
175	0303148K	DISA Mission Support Operations	07		9,291	1,224	U
177	0303149K	C4I for the Warrior	07	20,257	6,221	6,551	U
178	0303150K	Global Command and Control System	07	60,979	51,584	59,681	U
179	0303153K	Joint Spectrum Center	07	17,839	13,896	12,448	U
180	0303165K	Defense Collaboration Tool Suite (DCTS)	07	6,554			U
181	0303170K	Net-Centric Enterprise Services (NCES)	07	49,184	77,037	28,630	U

Defense Information Systems Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
182	0303610K	Teleport Program	07	9,945	7,078	14,424	U
197	0305208K	Distributed Common Ground/Surface Systems	07			7,451	U
		Operational Systems Development		----- 187,021	----- 179,925	----- 174,351	
		Total Defense Information Systems Agency		----- 282,895	----- 308,205	----- 344,845	

Defense Intelligence Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
162	0301301L	General Defense Intelligence Program	07				
164	0301398L	Management HQ - GDIP	07				
189	0305183L	Defense Human Intelligence (HUMINT) Activities	07				
190	0305193L	Intelligence Support to Information Operations (IO)	07				
198	0305208L	Distributed Common Ground/Surface Systems	07				
199	0305880L	Combatant Command Intelligence Operations	07				
200	0305883L	Hard and Deeply Buried Target (HDBT) Intel Support	07				
201	0305884L	Intelligence Planning and Review Activities	07				
204	0305889L	Counterdrug Intelligence Support	07				
		Operational Systems Development		-----	-----	-----	
		Total Defense Intelligence Agency		-----	-----	-----	

Defense Logistics Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
36	0603712S	Generic Logistics R&D Technology Demonstrations	03	142,449	51,815	23,437	U
37	0603713S	Distribution Process Owner Technology Development and Implementation	03		9,857	15,215	U
39	0603720S	Microelectronics Technology Development and Support	03		115,037		U
52	0603805S	Dual Use Technology	03	12,750			U
		<b>Advanced Technology Development (ATD)</b>		<b>155,199</b>	<b>176,709</b>	<b>38,652</b>	
109	0305840S	Electronic Commerce	05	2,169			U
		<b>System Development and Demonstration (SDD)</b>		<b>2,169</b>			
139	0605798S	Defense Technology Analysis	06	7,120	6,991	5,577	U
		<b>RDT&amp;E Management Support</b>		<b>7,120</b>	<b>6,991</b>	<b>5,577</b>	
207	0708011S	Industrial Preparedness	07	39,424	34,667	18,748	U
208	0708012S	Logistics Support Activities	07	11,119	2,858	2,912	U
		<b>Operational Systems Development</b>		<b>50,543</b>	<b>37,525</b>	<b>21,660</b>	
		<b>Total Defense Logistics Agency</b>		<b>215,031</b>	<b>221,225</b>	<b>65,889</b>	

DoD Human Resources Activity  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
50	0603769SE	Distributed Learning Advanced Technology Development	03	15,990	16,574	14,918	U
		<b>Advanced Technology Development (ATD)</b>		<b>15,990</b>	<b>16,574</b>	<b>14,918</b>	
99	0605018SE	Defense Integrated Military Human Resources System (DIMHRS)	05	56,933	65,090		U
		<b>System Development and Demonstration (SDD)</b>		<b>56,933</b>	<b>65,090</b>		
142	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	8,542	8,727	9,348	U
		<b>RDT&amp;E Management Support</b>		<b>8,542</b>	<b>8,727</b>	<b>9,348</b>	
		<b>Total DoD Human Resources Activity</b>		<b>81,465</b>	<b>90,391</b>	<b>24,266</b>	

Defense Security Cooperation Agency  
FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
154	0605127T	Partnership for Peace (PfP) Information Management System	07	6,859	5,580	1,521	U
		Operational Systems Development		6,859	5,580	1,521	
		Total Defense Security Cooperation Agency		6,859	5,580	1,521	



Defense Security Service  
 FY 2007 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2006

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2005	FY 2006	FY 2007	
153	0604130V	Defense Information System for Security (DISS)	07		16,609	35,439	U
		Operational Systems Development		-----	-----	-----	
					16,609	35,439	
		Total Defense Security Service		-----	-----	-----	
					16,609	35,439	