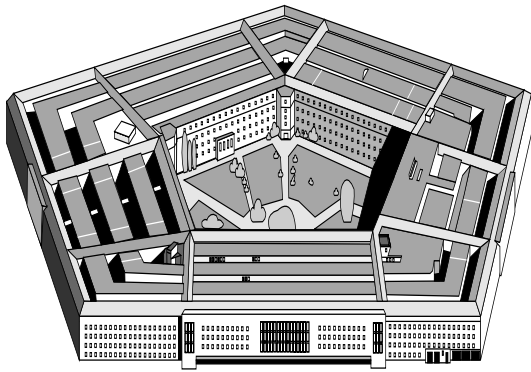


RDT&E PROGRAMS (R-1)



Department of Defense Budget

Fiscal Year 2003

February 2002

Office of the Under Secretary of Defense (Comptroller)

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Preface

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

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

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DEPARTMENT OF DEFENSE
FY 2003 RDT&E PROGRAM

SUMMARY
(\$ IN THOUSANDS)

FEB 2002

<u>APPROPRIATION</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Research, Development, Test & Eval, Army	6,263,162	7,052,669	6,918,494
Research, Development, Test & Eval, Navy	9,596,201	11,389,440	12,501,630
Research, Development, Test & Eval, AF	14,313,436	14,547,677	17,601,233
Research, Development, Test & Eval, Defwide	11,315,775	15,284,596	16,613,551
Developmental Test & Eval, Defense	34,826		
Operational Test & Eval, Defense	224,975	230,244	222,054
Total Research, Development, Test & Evaluation	41,748,375	48,504,626	53,856,962

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SUMMARY
(\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Basic Research	1,287,362	1,376,222	1,365,426
Applied Research	3,673,937	4,086,101	3,779,995
Advanced Technology Development	3,972,125	4,414,806	4,531,787
Demonstration and Validation	8,052,187	10,361,139	10,538,631
Engineering and Manufacturing Development	8,440,623	11,017,722	13,550,418
RDT&E Management Support	3,341,763	2,850,041	2,890,352
Operational Systems Development	12,980,378	14,398,595	17,200,353
Total Research, Development, Test & Evaluation	41,748,375	48,504,626	53,856,962
<u>Summary Recap of FYDP Programs</u>			
Strategic Forces	165,883	197,888	254,538
General Purpose Forces	3,042,248	3,277,906	3,700,616
Intelligence and Communications	8,497,434	9,325,149	11,582,389
Mobility Forces	344,818	602,847	674,977
Guard and Reserve Forces	5,653	12,966	12,798
Research and Development	28,971,314	34,274,746	36,841,060
Central Supply and Maintenance	341,116	357,476	253,760
Training Medical and Other			313
Administration and Associated Activities	96,153	59,533	100,801
Support of Other Nations	8,714	3,808	4,390
Special Operations Forces	275,042	392,307	431,320
Total Research, Development, Test & Evaluation	41,748,375	48,504,626	53,856,962

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FY 2003 RDT&E PROGRAM

SUMMARY
(\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Basic Research	205,184	231,982	237,486
Applied Research	814,839	909,564	642,251
Advanced Technology Development	811,028	910,329	730,452
Demonstration and Validation	897,927	878,491	780,841
Engineering and Manufacturing Development	1,784,361	2,200,967	2,801,562
RDT&E Management Support	890,780	795,316	806,058
Operational Systems Development	859,043	1,126,020	919,844
Total Research, Development, Test & Eval, Army	6,263,162	7,052,669	6,918,494
<u>Summary Recap of FYDP Programs</u>			
Strategic Forces	25,981	32,130	29,081
General Purpose Forces	490,972	629,581	514,064
Intelligence and Communications	192,991	286,941	257,337
Research and Development	5,464,922	6,026,154	6,056,475
Central Supply and Maintenance	85,644	77,863	61,025
Administration and Associated Activities	2,152		
Support of Other Nations	500		512
Total Research, Development, Test & Eval, Army	6,263,162	7,052,669	6,918,494

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0601101A	In-House Laboratory Independent Research	1	13,983	14,688	22,998	U
2	0601102A	Defense Research Sciences	1	133,081	144,240	139,633	U
3	0601104A	University and Industry Research Centers	1	58,120	73,054	74,855	U
	Basic Research			205,184	231,982	237,486	
4	0602105A	Materials Technology	2	30,625	20,617	18,659	U
5	0602120A	Sensors and Electronic Survivability	2	22,662	31,934	24,305	U
6	0602122A	TRACTOR HIP	2	6,991	7,672	6,839	U
7	0602211A	Aviation Technology	2	30,216	43,859	43,692	U
8	0602270A	EW Technology	2	21,624	17,292	19,584	U
9	0602303A	Missile Technology	2	71,056	61,085	31,884	U
10	0602307A	Advanced Weapons Technology	2	6,435	26,883	11,208	U
11	0602308A	Advanced Concepts and Simulation	2	35,334	31,333	20,634	U
12	0602601A	Combat Vehicle and Automotive Technology	2	87,009	112,957	55,763	U
13	0602618A	Ballistics Technology	2	52,245	60,948	74,094	U
14	0602622A	Chemical, Smoke and Equipment Defeating Technology	2	3,840	6,529	3,675	U
15	0602623A	Joint Service Small Arms Program	2	5,223	5,560	5,812	U
16	0602624A	Weapons and Munitions Technology	2	46,722	65,197	38,090	U
17	0602705A	Electronics and Electronic Devices	2	40,144	49,965	27,448	U
18	0602709A	Night Vision Technology	2	24,935	22,993	22,333	U
19	0602712A	Countermines Systems	2	17,228	22,889	13,186	U
20	0602716A	Human Factors Engineering Technology	2	17,911	19,791	17,415	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
21	0602720A	Environmental Quality Technology	2	58,745	23,569	23,018	U
22	0602782A	Command, Control, Communications Technology	2	22,987	24,123	21,821	U
23	0602783A	Computer and Software Technology	2	4,360	4,113	4,354	U
24	0602784A	Military Engineering Technology	2	54,366	59,354	51,124	U
25	0602785A	Manpower/Personnel/Training Technology	2	11,658	15,175	14,335	U
26	0602786A	Warfighter Technology	2	26,529	33,474	25,502	U
27	0602787A	Medical Technology	2	108,400	128,798	67,476	U
28	0602789A	ARMY Artificial Intelligence Technology	2	1			U
29	0602805A	Dual Use Science and Technology	2	7,593	13,454		U
		Applied Research		814,839	909,564	642,251	
30	0603001A	Warfighter Advanced Technology	3	21,200	62,089	50,262	U
31	0603002A	Medical Advanced Technology	3	216,951	174,042	16,590	U
32	0603003A	Aviation Advanced Technology	3	26,835	38,496	45,404	U
33	0603004A	Weapons and Munitions Advanced Technology	3	56,230	35,381	66,514	U
34	0603005A	Combat Vehicle and Automotive Advanced Technology	3	167,679	225,960	229,778	U
35	0603006A	Command, Control, Communications Advanced Technology	3	27,820	33,176	4,826	U
36	0603007A	Manpower, Personnel and Training Advanced Technology	3	6,844	3,093	3,527	U
37	0603008A	Electronic Warfare Advanced Technology (H)	3			28,254	U
38	0603009A	TRACTOR HIKE	3	12,391	10,324	18,069	U
39	0603017A	TRACTOR RED	3	951			U

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EXHIBIT R-1

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Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
40	0603020A	TRACTOR ROSE	3	10,476	9,212	4,895	U
41	0603105A	Military HIV Research	3	5,661	5,885		U
42	0603122A	TRACTOR HIP	3	942			U
43	0603238A	Global Surveillance/Air Defense/ Precision Strike Technology Demonstration	3	20,997	31,986	31,291	U
44	0603270A	EW Technology	3	28,825	24,367	11,600	U
45	0603313A	Missile and Rocket Advanced Technology	3	48,444	75,396	87,890	U
46	0603322A	TRACTOR CAGE	3	2,963	3,283	3,083	U
47	0603606A	Landmine Warfare and Barrier Advanced Technology	3	19,922	25,640	24,104	U
48	0603607A	Joint Service Small Arms Program	3	11,809	4,388	6,013	U
49	0603654A	Line-Of-Sight Technology Demonstration	3	50,262	69,859	28,283	U
50	0603710A	Night Vision Advanced Technology	3	41,598	49,389	36,494	U
51	0603728A	Environmental Quality Technology Demonstrations	3	10,685	7,292	8,980	U
52	0603734A	Military Engineering Advanced Technology	3	5,006	4,705	2,921	U
53	0603772A	Advanced Tactical Computer Science and Sensor Technology	3	16,537	16,366	21,674	U
	Advanced Technology Development			811,028	910,329	730,452	
54	0603305A	Army Missile Defense Systems Integration	4			27,887	U
55	0603308A	Army Missile Defense Systems Integration (Dem/Val)	4	93,808	70,021	7,417	U
56	0603619A	Landmine Warfare and Barrier - Adv Dev	4	17,804	19,877	20,286	U

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Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
57	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	4			2,432	U
58	0603639A	Tank and Medium Caliber Ammunition	4	46,238	52,074	11,354	U
59	0603653A	Advanced Tank Armament System (ATAS)	4	263,436	100,587	124,108	U
60	0603713A	Army Data Distribution System	4	17			U
61	0603747A	Soldier Support and Survivability	4	13,117	17,331	20,788	U
62	0603766A	Tactical Electronic Surveillance System - Adv Dev	4		16,605	16,392	U
63	0603774A	Night Vision Systems Advanced Development	4	14,831	8,675	11,694	U
64	0603779A	Environmental Quality Technology Dem/Val	4	12,880	35,030	9,331	U
65	0603782A	Warfighter Information Network- Tactical - DEM/VAL	4		12,464	60,809	U
66	0603790A	NATO Research and Development	4	1,847	6,375	8,773	U
67	0603801A	Aviation - Adv Dev	4	9,506	13,196	8,643	U
68	0603802A	Weapons and Munitions - Adv Dev	4	27,520	34,197	27,761	U
69	0603804A	Logistics and Engineer Equipment - Adv Dev	4	6,127	6,399	11,419	U
70	0603805A	Combat Service Support Control System Evaluation and Analysis	4	13,627	8,621	8,971	U
71	0603807A	Medical Systems - Adv Dev	4	14,970	19,872	10,398	U
72	0603850A	Integrated Broadcast Service (JMIP/DISTP)	4		1,968	1,962	U
73	0603851A	TRACTOR CAGE (Dem/Val)	4	941	3,686		U
74	0603854A	Artillery Systems - Dem/Val	4	341,765	444,091	251,665	U
75	0603856A	SCAMP Block II Dem/Val	4	19,493	6,895	21,006	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
76	0603869A	Medium Extended Air Defense System (MEADS) Concepts - Dem/Val	4		527	117,745	U
		Demonstration and Validation		897,927	878,491	780,841	
77	0604201A	Aircraft Avionics	5	40,527	50,838	40,308	U
78	0604220A	Armed, Deployable OH-58D	5	511	2,326	1,873	U
79	0604223A	Comanche	5	590,771	781,307	914,932	U
80	0604270A	EW Development	5	64,241	53,616	22,819	U
81	0604280A	Joint Tactical Radio	5	59,814	74,814	65,818	U
82	0604321A	All Source Analysis System	5	45,586	44,198	42,322	U
83	0604328A	TRACTOR CAGE	5	2,820	3,856	9,800	U
84	0604329A	Common Missile	5	4,683	16,592	29,919	U
85	0604601A	Infantry Support Weapons	5	2			U
86	0604604A	Medium Tactical Vehicles	5	2,014	1,945	1,953	U
87	0604609A	Smoke, Obscurant and Target Defeating Sys-Eng Dev	5	3,336	7,854	8,153	U
88	0604611A	JAVELIN	5	471	2,825	489	U
89	0604619A	Landmine Warfare	5	19,287	18,780	11,913	U
90	0604622A	Family of Heavy Tactical Vehicles	5			3,990	U
91	0604633A	Air Traffic Control	5	1,159	2,179	2,339	U
92	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	5	288	1,490		U
93	0604642A	Light Tactical Wheeled Vehicles	5	9,171	2,501	7,877	U
94	0604645A	Armored Systems Modernization (ASM)-Eng. Dev.	5	2,115		59,860	U
95	0604649A	Engineer Mobility Equipment Development	5		9,202	8,146	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
96	0604710A	Night Vision Systems - Eng Dev	5	28,722	27,376	32,328	U
97	0604713A	Combat Feeding, Clothing, and Equipment	5	88,705	90,244	94,474	U
98	0604715A	Non-System Training Devices - Eng Dev	5	71,482	28,682	43,650	U
99	0604716A	Terrain Information - Eng Dev	5	7,027	8,766	8,232	U
100	0604726A	Integrated Meteorological Support System	5	1,755	1,896	3,417	U
101	0604738A	JSIMS Core Program	5		30,727	24,230	U
102	0604739A	Integrated Broadcast Service	5	6,005			U
103	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	5	15,857	17,088	26,978	U
104	0604742A	Constructive Simulation Systems Development	5		65,613	53,294	U
105	0604746A	Automatic Test Equipment Development	5	12,466	13,174	11,839	U
106	0604760A	Distributive Interactive Simulations (DIS) - Engineering Development	5	19,924	20,975	21,487	U
107	0604766A	Tactical Surveillance Systems - Eng Dev	5	57,867	59,693	56,662	U
108	0604768A	Brilliant Anti-Armor Submunition (BAT)	5	97,931	122,868	190,293	U
109	0604770A	Joint Surveillance/Target Attack Radar System	5	28,133	8,026	4,740	U
110	0604778A	Positioning Systems Development (SPACE)	5	2,327			U
111	0604780A	Combined Arms Tactical Trainer (CAT) Core	5	17,784	13,531	7,579	U
112	0604783A	Joint Network Management System	5		25,912	8,028	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
113	0604801A	Aviation - Eng Dev	5	10,698	4,032	3,150	U
114	0604802A	Weapons and Munitions - Eng Dev	5	17,698	17,146	41,758	U
115	0604804A	Logistics and Engineer Equipment - Eng Dev	5	23,595	29,326	65,857	U
116	0604805A	Command, Control, Communications Systems - Eng Dev	5	62,557	118,643	82,238	U
117	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	5	6,089	9,153	12,625	U
118	0604808A	Landmine Warfare/Barrier - Eng Dev	5	84,867	68,550	128,992	U
119	0604814A	Artillery Munitions - EMD	5	28,596	61,300	70,888	U
120	0604817A	Combat Identification	5	6,705	2,989	1,995	U
121	0604818A	Army Tactical Command & Control Hardware & Software	5	37,849	57,216	80,672	U
122	0604819A	LOSAT	5	25,364	21,416	14,463	U
123	0604820A	Radar Development	5	12,911	5,119		U
124	0604823A	Firefinder	5	45,466	26,732	26,122	U
125	0604854A	Artillery Systems - EMD	5	19,006	61,961	251,376	U
126	0604865A	Patriot PAC-3 Theater Missile Defense Acquisition - EMD	5			150,819	U
127	0605013A	Information Technology Development	5	100,179	108,490	50,865	U
	Engineering and Manufacturing Development			1,784,361	2,200,967	2,801,562	
128	0604256A	Threat Simulator Development	6	20,293	18,857	15,251	U
129	0604258A	Target Systems Development	6	14,961	25,003	10,772	U
130	0604759A	Major T&E Investment	6	42,380	49,482	53,797	U
131	0605103A	Rand Arroyo Center	6	19,105	19,806	22,148	U
132	0605301A	Army Kwajalein Atoll	6	147,442	148,825	132,831	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
133	0605326A	Concepts Experimentation Program	6	18,179	31,501	22,627	U
134	0605502A	Small Business Innovative Research	6	144,559			U
135	0605601A	Army Test Ranges and Facilities	6	120,277	113,451	144,183	U
136	0605602A	Army Technical Test Instrumentation and Targets	6	39,094	34,719	43,222	U
137	0605604A	Survivability/Lethality Analysis	6	38,326	34,514	39,200	U
138	0605605A	DOD High Energy Laser Test Facility	6	36,145	23,188	14,410	U
139	0605606A	Aircraft Certification	6	3,140	3,552	4,062	U
140	0605702A	Meteorological Support to RDT&E Activities	6	6,719	6,833	7,310	U
141	0605706A	Materiel Systems Analysis	6	8,683	8,811	10,189	U
142	0605709A	Exploitation of Foreign Items	6	3,549	3,495	3,490	U
143	0605712A	Support of Operational Testing	6	68,382	90,790	99,375	U
144	0605716A	Army Evaluation Center	6	25,855	44,611	41,250	U
145	0605801A	Programwide Activities	6	67,449	59,584	78,452	U
146	0605803A	Technical Information Activities	6	32,521	38,930	34,040	U
147	0605805A	Munitions Standardization, Effectiveness and Safety	6	15,961	30,437	16,014	U
148	0605856A	Environmental Compliance	6	2,404			U
149	0605857A	Environmental Quality Technology Mgmt Support	6	5,019	1,719	1,902	U
150	0605898A	Management Headquarters (Research and Development)	6	8,185	7,208	11,533	U
151	0909999A	Financing for Cancelled Account Adjustments	6	2,152			U
RDT&E Management Support				890,780	795,316	806,058	

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
152	0603778A	MLRS Product Improvement Program	7	62,955	99,505	57,825	U
153	0102419A	Aerostat Joint Project Office	7	25,981	32,130	29,081	U
154	0203610A	Domestic Preparedness Against Weapons of Mass Destruction	7	2,884	2,581		U
155	0203726A	Adv Field Artillery Tactical Data System	7	35,420	36,650	38,161	U
156	0203735A	Combat Vehicle Improvement Programs	7	95,689	166,449	54,465	U
157	0203740A	Maneuver Control System	7	47,071	39,883	44,444	U
158	0203744A	Aircraft Modifications/Product Improvement Programs	7	97,654	145,169	196,794	U
159	0203752A	Aircraft Engine Component Improvement Program	7	5,658	14,889	3,689	U
160	0203758A	Digitization	7	30,820	32,027	28,968	U
161	0203759A	Force XXI Battle Command, Brigade and Below (FBCB2)	7	62,144	56,381	64,915	U
162	0203761A	Force XXI, Warfighting Rapid Acquisition Program	7		15,446		U
163	0203801A	Missile/Air Defense Product Improvement Program	7	13,892	13,727	43,738	U
164	0203802A	Other Missile Product Improvement Programs	7	54,419	68,318	13,018	U
165	0203808A	TRACTOR CARD	7	3,689	11,457	8,891	U
166	0208010A	Joint Tactical Communications Program (TRI-TAC)	7	35,423	21,428	14,121	U
167	0208053A	Joint Tactical Ground System	7	6,209	5,176	2,860	U
168	0301359A	Special Army Program	7	10,636	7,072	7,031	U
169	0303028A	Security and Intelligence Activities	7		2,434	5,438	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
170	0303140A	Information Systems Security Program	7	12,109	13,253	14,844	U
171	0303141A	Global Combat Support System	7	68,867	84,426	71,864	U
172	0303142A	SATCOM Ground Environment (SPACE)	7	38,286	44,647	72,244	U
173	0303150A	WWMCCS/Global Command and Control System	7	13,783	13,385	17,895	U
174	0305114A	Traffic Control, Approach and Landing System-FY 1987 and Prior	7	637	777	977	U
175	0305204A	Tactical Unmanned Aerial Vehicles	7	35,970	37,880	46,479	U
176	0305206A	Airborne Reconnaissance Systems	7	4,864	10,972	4,882	U
177	0305208A	Distributed Common Ground Systems	7	7,839	72,095	15,683	U
178	0708045A	End Item Industrial Preparedness Activities	7	85,644	77,863	61,025	U
179	1001018A	NATO Joint STARS	7	500		512	U
		Operational Systems Development		859,043	1,126,020	919,844	
		Total Research, Development, Test & Eval, Army		6,263,162	7,052,669	6,918,494	

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SUMMARY
(\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Basic Research	385,363	404,500	409,909
Applied Research	636,468	776,663	580,272
Advanced Technology Development	791,409	869,875	617,072
Demonstration and Validation	2,632,815	2,577,804	2,432,239
Engineering and Manufacturing Development	2,145,556	3,736,650	5,093,018
RDT&E Management Support	815,230	681,176	688,252
Operational Systems Development	2,189,360	2,342,772	2,680,868
Total Research, Development, Test & Eval, Navy	9,596,201	11,389,440	12,501,630
<u>Summary Recap of FYDP Programs</u>			
Strategic Forces	80,803	84,362	97,388
General Purpose Forces	863,248	909,432	889,438
Intelligence and Communications	868,051	857,559	1,226,996
Guard and Reserve Forces	5,653	12,966	12,798
Research and Development	7,649,495	9,405,945	10,187,317
Central Supply and Maintenance	113,655	119,176	87,693
Administration and Associated Activities	15,296		
Total Research, Development, Test & Eval, Navy	9,596,201	11,389,440	12,501,630

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0601152N	In-House Laboratory Independent Research	1	13,698	16,147	16,352	U
2	0601153N	Defense Research Sciences	1	371,665	388,353	393,557	U
		Basic Research		385,363	404,500	409,909	
3	0602111N	Air and Surface Launched Weapons Technology	2	56,315			U
4	0602114N	Power Projection Applied Research	2		83,413	76,612	U
5	0602121N	Ship, Submarine & Logistics Technology	2	54,094			U
6	0602122N	Aircraft Technology	2	21,032			U
7	0602123N	Force Protection Applied Research	2		130,870	89,390	U
8	0602131M	Marine Corps Landing Force Technology	2	12,144	30,961	30,274	U
9	0602232N	Communications, Command and Control, Intelligence, Surveilla	2	113,270			U
10	0602233N	Human Systems Technology	2	40,994	2,577		U
11	0602234N	Materials, Electronics and Computer Technology	2	100,177	19,129		U
12	0602235N	Common Picture Applied Research	2		124,370	75,594	U
13	0602236N	Warfighter Sustainment Applied Research	2		107,842	68,852	U
14	0602270N	Electronic Warfare Technology	2	24,398			U
15	0602271N	RF Systems Applied Research	2		68,300	56,263	U
16	0602314N	Undersea Warfare Surveillance Technology	2	41,754			U
17	0602315N	Mine Countermeasures, Mining and Special Warfare	2	52,360			U
18	0602435N	Ocean Warfighting Environment Applied Research	2	75,375	62,035	55,180	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
19	0602633N	Undersea Warfare Weaponry Technology	2	34,563	1,685		U
20	0602747N	Undersea Warfare Applied Research	2		75,834	71,294	U
21	0602782N	Mine and Expeditionary Warfare Applied Research	2		57,158	56,813	U
22	0602805N	Dual Use Science and Technology Program	2	9,992	12,489		U
	Applied Research			636,468	776,663	580,272	
23	0603114N	Power Projection Advanced Technology	3		117,756	78,247	U
24	0603123N	Force Protection Advanced Technology	3		139,782	57,604	U
25	0603217N	Air Systems and Weapons Advanced Technology	3	62,621			U
26	0603235N	Common Picture Advanced Technology	3		49,807	37,753	U
27	0603236N	Warfighter Sustainment Advanced Technology	3		72,798	82,542	U
28	0603238N	Precision Strike and Air Defense Technology	3	90,193			U
29	0603270N	Advanced Electronic Warfare Technology	3	24,803			U
30	0603271N	RF Systems Advanced Technology	3		80,433	65,098	U
31	0603508N	Surface Ship & Submarine HM&E Advanced Technology	3	74,222	2,973		U
32	0603640M	Marine Corps Advanced Technology Demonstration (ATD)	3	57,456	61,843	51,606	U
33	0603706N	Medical Development	3	83,331	58,479		U
34	0603707N	Manpower, Personnel and Training Adv Tech Dev	3	46,494	1,982		U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
35	0603712N	Environmental Quality and Logistics Advanced Technology	3	32,259	1,388		U
36	0603727N	Navy Technical Information Presentation System	3	64,615	102,868	97,872	U
37	0603729N	Warfighter Protection Advanced Technology	3		28,425	19,040	U
38	0603747N	Undersea Warfare Advanced Technology	3	59,860	59,175	40,125	U
39	0603758N	Navy Warfighting Experiments and Demonstrations	3		42,827	43,460	U
40	0603782N	Mine and Expeditionary Warfare Advanced Technology	3	46,538	49,339	43,725	U
41	0603792N	Advanced Technology Transition	3	100,618			U
42	0603794N	C3 Advanced Technology	3	48,399			U
		Advanced Technology Development		791,409	869,875	617,072	
43	0603207N	Air/Ocean Tactical Applications	4	31,420	32,047	32,549	U
44	0603216N	Aviation Survivability	4	7,346	13,703	7,486	U
45	0603237N	Deployable Joint Command and Control	4			39,772	U
46	0603254N	ASW Systems Development	4	27,042	14,790	13,207	U
47	0603261N	Tactical Airborne Reconnaissance	4	2,334	1,934	1,922	U
48	0603382N	Advanced Combat Systems Technology	4	6,600	3,427	3,350	U
49	0603502N	Surface and Shallow Water Mine Countermeasures	4	103,114	140,115	155,016	U
50	0603506N	Surface Ship Torpedo Defense	4	15,514	18,552	3,244	U
51	0603512N	Carrier Systems Development	4	143,951	162,635	88,913	U
52	0603513N	Shipboard System Component Development	4	246,032	295,135	243,111	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
53	0603525N	PILOT FISH	4	103,604	98,304	72,637	U
54	0603527N	RETRACT LARCH	4	11,670	49,995	28,482	U
55	0603542N	Radiological Control	4	566	1,047	1,078	U
56	0603553N	Surface ASW	4	7,203	3,691	3,219	U
57	0603559N	SSGN Conversion	4	35,798	74,337	82,527	U
58	0603561N	Advanced Submarine System Development	4	128,391	124,142	107,389	U
59	0603562N	Submarine Tactical Warfare Systems	4	4,172	9,323	11,601	U
60	0603563N	Ship Concept Advanced Design	4	5,031	20,665	5,820	U
61	0603564N	Ship Preliminary Design & Feasibility Studies	4	54,449	14,748	2,983	U
62	0603570N	Advanced Nuclear Power Systems	4	166,758	171,546	216,091	U
63	0603573N	Advanced Surface Machinery Systems	4	9,226	3,886	2,931	U
64	0603576N	CHALK EAGLE	4	58,379	34,960	20,978	U
65	0603582N	Combat System Integration	4	57,211	61,368	40,464	U
66	0603609N	Conventional Munitions	4	31,100	24,561	22,445	U
67	0603611M	Marine Corps Assault Vehicles	4	142,520	260,627	272,092	U
68	0603612M	Marine Corps Mine/Countermeasures Systems - Adv Dev	4			497	U
69	0603635M	Marine Corps Ground Combat/Support System	4	32,755	39,894	27,777	U
70	0603654N	Joint Service Explosive Ordnance Development	4	13,994	12,803	12,877	U
71	0603658N	Cooperative Engagement	4	173,321	105,689	86,144	U
72	0603713N	Ocean Engineering Technology Development	4	14,591	15,935	15,257	U
73	0603721N	Environmental Protection	4	71,486	47,692	44,206	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
74	0603724N	Navy Energy Program	4	7,311	6,963	5,060	U
75	0603725N	Facilities Improvement	4	1,807	1,713	2,124	U
76	0603734N	CHALK CORAL	4	47,512	47,761	50,704	U
77	0603739N	Navy Logistic Productivity	4	14,500	31,653	13,023	U
78	0603746N	RETRACT MAPLE	4	124,604	155,356	212,506	U
79	0603748N	LINK PLUMERIA	4	45,604	62,048	82,909	U
80	0603751N	RETRACT ELM	4	16,925	22,004	21,900	U
81	0603755N	Ship Self Defense - Dem/Val	4	6,232	9,270	5,930	U
82	0603764N	LINK EVERGREEN	4	9,646	25,890	55,971	U
83	0603787N	Special Processes	4	59,709	65,078	39,756	U
84	0603790N	NATO Research and Development	4	8,620	11,449	11,581	U
85	0603795N	Land Attack Technology	4	140,357	149,063	108,693	U
86	0603800N	Joint Strike Fighter (JSF) - Dem/ Val	4	341,164			U
87	0603851M	Nonlethal Weapons - Dem/Val	4	28,115	35,095	24,082	U
88	0603857N	All Service Combat Identification Evaluation Team (ASCIET)	4	12,654	13,410	14,414	U
89	0603860N	Joint Precision Approach and Landing Systems - Dem/Val	4		1,500	11,932	U
90	0603879N	Single Integrated Air Picture (SIAP) System Engineer (SE)	4	3,496	42,727	73,966	U
91	0603889N	Counterdrug RDT&E Projects	4	21,468			U
92	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	4	37,513	39,273	31,623	U
		Demonstration and Validation		2,632,815	2,577,804	2,432,239	
93	0603662N	Foreign Counter-Intelligence (FCI) - RDT&E	5				

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
94	0603787N	Special Processes	5				
95	0603831N	Classified Programs	5				
96	0604212N	Other Helo Development	5	46,618	80,419	31,123	U
97	0604214N	AV-8B Aircraft - Eng Dev	5	28,134	30,723	18,565	U
98	0604215N	Standards Development	5	99,515	69,016	37,757	U
99	0604216N	Multi-Mission Helicopter Upgrade Development	5	78,386	150,600	88,969	U
100	0604217N	S-3 Weapon System Improvement	5	435	424	422	U
101	0604218N	Air/Ocean Equipment Engineering	5	5,789	6,290	5,725	U
102	0604221N	P-3 Modernization Program	5	7,123	3,192	2,348	U
103	0604231N	Tactical Command System	5	57,599	63,269	81,475	U
104	0604234N	E-2C Radar Modernization	5		78,152	113,681	U
105	0604245N	H-1 Upgrades	5	133,324	170,448	241,384	U
106	0604261N	Acoustic Search Sensors	5	19,022	16,676	13,929	U
107	0604262N	V-22A	5	217,925	442,787	420,109	U
108	0604264N	Air Crew Systems Development	5	17,904	15,380	6,695	U
109	0604270N	EW Development	5	130,004	117,723	74,742	U
110	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)	5			20,373	U
111	0604300N	SC-21 Total Ship System Engineering	5	286,444	235,235	717,397	U
112	0604307N	Surface Combatant Combat System Engineering	5	184,843	326,625	300,748	U
113	0604311N	LPD-17 Class Systems Integration	5	236	992	10,133	U
114	0604312N	Tri-Service Standoff Attack Missile	5	1,987	1,929	14,943	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
115	0604329N	Small Diameter Bomb (SDB)	5			1,989	U
116	0604366N	Standard Missile Improvements	5	525	13,984	16,288	U
117	0604373N	Airborne MCM	5	49,573	61,097	67,240	U
118	0604503N	SSN-688 and Trident Modernization	5	69,685	64,547	98,516	U
119	0604504N	Air Control	5	13,793	12,708	4,951	U
120	0604507N	Enhanced Modular Signal Processor	5	833	1,004	513	U
121	0604512N	Shipboard Aviation Systems	5	10,544	17,965	24,619	U
122	0604518N	Combat Information Center Conversion	5	7,524	5,344		U
123	0604524N	Submarine Combat System	5	3,492			U
124	0604558N	New Design SSN	5	207,395	204,667	238,253	U
125	0604561N	SSN-21 Developments	5	6,322	5,711	3,981	U
126	0604562N	Submarine Tactical Warfare System	5	25,435	38,884	13,975	U
127	0604567N	Ship Contract Design/Live Fire T&E	5	78,624	142,848	184,545	U
128	0604574N	Navy Tactical Computer Resources	5	29,828	39,696	2,185	U
129	0604601N	Mine Development	5	1,582		1,491	U
130	0604603N	Unguided Conventional Air-Launched Weapons	5	6,254	17,038	12,142	U
131	0604610N	Lightweight Torpedo Development	5	9,041	10,219	7,769	U
132	0604618N	Joint Direct Attack Munition	5	28,066	55,767	48,861	U
133	0604654N	Joint Service Explosive Ordnance Development	5	6,606	8,051	7,781	U
134	0604703N	Personnel, Training, Simulation, and Human Factors	5	1,234	1,289	1,331	U
135	0604710N	Navy Energy Program	5	5,015	3,129	5,691	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
136	0604721N	Battle Group Passive Horizon Extension System	5	2,189	7,067	14,070	U
137	0604727N	Joint Standoff Weapon Systems	5	26,653	26,615	16,652	U
138	0604755N	Ship Self Defense (Detect Control)	5	113,237	63,407	61,966	U
139	0604756N	Ship Self Defense (Engage: Hard Kill)	5		33,234	19,528	U
140	0604757N	Ship Self Defense (Engage: Soft Kill/EW)	5		41,301	28,064	U
141	0604771N	Medical Development	5	26,189	23,050	7,154	U
142	0604777N	Navigation/ID System	5	17,300	23,673	46,618	U
143	0604784N	Distributed Surveillance System	5	30,089	42,334	35,861	U
144	0604800N	Joint Strike Fighter (JSF) - EMD	5		762,957	1,727,500	U
145	0604910N	Smart Card	5	1,172	888	711	U
146	0605013M	Information Technology Development	5	6,835	10,934	8,079	U
147	0605013N	Information Technology Development	5	38,580	59,944	43,213	U
148	0605014N	Defense Integrated Military Human Resources System (DIMHRS) - RDT&E	5		46,767	51,297	U
149	0605015N	Joint Counter-Intellegence Assessment Group (JCAG) - RDT&E	5		5,947	2,337	U
150	0605500N	Multi-mission Maritime Aircraft (MMA)	5		53,329	74,531	U
151	0508713N	Navy Standard Integrated Personnel System (NSIPS)	5	5,653	12,966	12,798	U
		Engineering and Manufacturing Development		2,145,556	3,736,650	5,093,018	
152	0604256N	Threat Simulator Development	6	23,215	29,844	30,599	U
153	0604258N	Target Systems Development	6	31,465	49,073	45,562	U
154	0604759N	Major T&E Investment	6	43,838	44,111	42,453	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
155	0605152N	Studies and Analysis Support - Navy	6	8,269	5,926	4,071	U
156	0605154N	Center for Naval Analyses	6	43,303	42,691	45,435	U
157	0605155N	Fleet Tactical Development	6	2,675	2,886	2,771	U
158	0605502N	Small Business Innovative Research	6	146,160			U
159	0605804N	Technical Information Services	6	11,524	10,161	929	U
160	0605853N	Management, Technical & International Support	6	18,579	27,413	50,787	U
161	0605856N	Strategic Technical Support	6	2,304	2,369	2,340	U
162	0605861N	RDT&E Science and Technology Management	6	55,256	54,340	59,447	U
163	0605862N	RDT&E Instrumentation Modernization	6	14,352	13,382	13,289	U
164	0605863N	RDT&E Ship and Aircraft Support	6	75,754	71,101	71,519	U
165	0605864N	Test and Evaluation Support	6	272,802	276,468	278,838	U
166	0605865N	Operational Test and Evaluation Capability	6	9,970	11,546	12,642	U
167	0605866N	Navy Space and Electronic Warfare (SEW) Support	6	3,115	3,385	3,242	U
168	0605867N	SEW Surveillance/Reconnaissance Support	6	11,577	16,347	12,120	U
169	0605873M	Marine Corps Program Wide Support	6	21,153	20,133	12,208	U
170	0305885N	Tactical Cryptologic Activities	6	4,623			U
171	0909998N	Problem Disbursements	6	64			U
172	0909999N	Financing for Cancelled Account Adjustments	6	15,232			U
		RDT&E Management Support		815,230	681,176	688,252	
173	0603660N	Advanced Development Projects	7				

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DEPARTMENT OF THE NAVY
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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
174	0603661N	Retract Violet	7				
175	0604805N	Commercial Operations and Support Savings Initiative	7	8,025			U
176	0101221N	Strategic Sub & Weapons System Support	7	50,146	45,417	40,278	U
177	0101224N	SSBN Security Technology Program	7	29,811	33,790	34,567	U
178	0101226N	Submarine Acoustic Warfare Development	7	846	987	1,091	U
179	0101402N	Navy Strategic Communications	7		4,168	21,452	U
180	0204136N	F/A-18 Squadrons	7	221,267	251,772	204,466	U
181	0204152N	E-2 Squadrons	7	55,694	37,401	19,011	U
182	0204163N	Fleet Telecommunications (Tactical)	7	14,012	23,816	12,576	U
183	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	7	92,456	75,347	94,265	U
184	0204311N	Integrated Surveillance System	7	35,838	38,299	20,405	U
185	0204413N	Amphibious Tactical Support Units	7	11,604	22,316	6,352	U
186	0204571N	Consolidated Training Systems Development	7	25,206	25,233	31,421	U
187	0204575N	Electronic Warfare (EW) Readiness Support	7	9,693	10,069	6,731	U
188	0205601N	HARM Improvement	7	38,544	28,080	60,758	U
189	0205604N	Tactical Data Links	7	25,732	39,013	42,667	U
190	0205620N	Surface ASW Combat System Integration	7	30,008	27,869	24,424	U
191	0205632N	MK-48 ADCAP	7	15,156	16,979	22,052	U
192	0205633N	Aviation Improvements	7	48,339	44,929	40,915	U
193	0205658N	Navy Science Assistance Program	7		18,480	4,801	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
194	0205667N	F-14 Upgrade	7	10,974	1,487		U
195	0205675N	Operational Nuclear Power Systems	7	52,945	54,714	56,804	U
196	0206313M	Marine Corps Communications Systems	7	96,438	119,716	174,664	U
197	0206623M	Marine Corps Ground Combat/ Supporting Arms Systems	7	38,581	38,547	36,004	U
198	0206624M	Marine Corps Combat Services Support	7	5,670	8,408	21,041	U
199	0207161N	Tactical AIM Missiles	7	23,801	16,257	1,957	U
200	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	7	11,290	10,700	8,124	U
201	0301303N	Maritime Intelligence	7				
202	0301323N	Collection Management	7				
203	0301327N	Technical Reconnaissance and Surveillance	7				
204	0303109N	Satellite Communications (SPACE)	7	39,265	53,698	115,903	U
205	0303140N	Information Systems Security Program	7	30,277	26,668	18,436	U
206	0304111N	Special Activities	7				
207	0305160N	Navy Meteorological and Ocean Sensors-Space (METOC)	7	22,079	22,294	19,801	U
208	0305188N	Joint C4ISR Battle Center (JBC)	7	9,458	13,493	21,970	U
209	0305192N	Joint Military Intelligence Programs	7	6,867	7,116	6,709	U
210	0305204N	Tactical Unmanned Aerial Vehicles	7	121,486	72,692	206,359	U
211	0305206N	Airborne Reconnaissance Systems	7	25,964	17,381	5,469	U
212	0305207N	Manned Reconnaissance Systems	7	44,520	38,132	11,166	U
213	0305208N	Distributed Common Ground Systems	7	4,419	7,127	4,482	U

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DEPARTMENT OF THE NAVY
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
214	0305927N	Naval Space Surveillance	7	1,411	4,893	9,548	U
215	0308601N	Modeling and Simulation Support	7	13,377	12,566	7,783	U
216	0702207N	Depot Maintenance (Non-IF)	7	37,337	13,448	7,119	U
217	0708011N	Industrial Preparedness	7	67,305	72,459	70,631	U
218	0708730N	Maritime Technology (MARITECH)	7	9,013	33,269	9,943	U
		Operational Systems Development		2,189,360	2,342,772	2,680,868	
		Total Research, Development, Test & Eval, Navy		9,596,201	11,389,440	12,501,630	

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DEPARTMENT OF THE AIR FORCE

FY 2003 RDT&E PROGRAM

SUMMARY
(\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Basic Research	206,638	226,322	219,144
Applied Research	663,277	768,127	697,549
Advanced Technology Development	563,810	572,135	742,917
Demonstration and Validation	1,294,574	960,195	1,457,610
Engineering and Manufacturing Development	3,355,318	3,606,131	4,319,574
RDT&E Management Support	817,454	652,368	628,826
Operational Systems Development	7,412,365	7,762,399	9,535,613
Total Research, Development, Test & Eval, AF	14,313,436	14,547,677	17,601,233
 <u>Summary Recap of FYDP Programs</u>			
Strategic Forces	59,099	81,396	128,069
General Purpose Forces	1,640,274	1,687,419	2,241,384
Intelligence and Communications	5,237,421	5,470,661	6,483,265
Mobility Forces	344,818	602,847	674,977
Research and Development	6,871,401	6,565,552	7,924,829
Central Supply and Maintenance	132,811	119,045	91,970
Training Medical and Other			313
Administration and Associated Activities	19,398	16,949	52,548
Support of Other Nations	8,214	3,808	3,878
Total Research, Development, Test & Eval, AF	14,313,436	14,547,677	17,601,233

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0601102F	Defense Research Sciences	1	206,638	226,322	219,144	U
		Basic Research		206,638	226,322	219,144	
2	0602102F	Materials	2	91,975	97,989	75,272	U
3	0602201F	Aerospace Vehicle Technologies	2	51,909	98,785	78,789	U
4	0602202F	Human Effectiveness Applied Research	2	65,810	70,155	66,000	U
5	0602203F	Aerospace Propulsion	2	144,355	178,485	107,659	U
6	0602204F	Aerospace Sensors	2	65,412	80,847	75,799	U
7	0602500F	Multi-disciplinary Space Technology	2			53,592	U
8	0602601F	Space Technology	2	67,139	81,344	58,582	U
9	0602602F	Conventional Munitions	2	51,474	49,029	60,343	U
10	0602605F	Directed Energy Technology	2	31,110	34,616	39,936	U
11	0602702F	Command Control and Communications	2	84,376	66,561	70,951	U
12	0602805F	Dual Use Science and Technology Program	2	9,717	10,316	10,626	U
		Applied Research		663,277	768,127	697,549	
13	0603106F	Logistics Systems Technology	3	13,157			U
14	0603112F	Advanced Materials for Weapon Systems	3	41,815	45,801	21,138	U
15	0603202F	Aerospace Propulsion Subsystems Integration	3	33,267			U
16	0603203F	Advanced Aerospace Sensors	3	44,774	60,914	50,589	U
17	0603205F	Flight Vehicle Technology	3	10,685	4,556		U
18	0603211F	Aerospace Technology Dev/Demo	3	17,675	22,945	22,315	U
19	0603216F	Aerospace Propulsion and Power Technology	3	41,722	121,548	85,650	U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
20	0603227F	Personnel, Training and Simulation Technology	3	6,171			U
21	0603231F	Crew Systems and Personnel Protection Technology	3	17,088	34,023	29,690	U
22	0603245F	Flight Vehicle Technology Integration	3	17,225			U
23	0603253F	Advanced Sensor Integration	3	5,061			U
24	0603270F	Electronic Combat Technology	3	26,391	32,405	23,350	U
25	0603302F	Space and Missile Rocket Propulsion	3	26,703			U
26	0603311F	Ballistic Missile Technology	3	22,249	1,188		U
27	0603333F	Unmanned Air Vehicle Dev/Demo	3		20,952	18,000	U
28	0603401F	Advanced Spacecraft Technology	3	61,171	60,932	42,315	U
29	0603410F	Space Systems Environmental Interactions Technology	3	3,240			U
30	0603436F	Transformational Wideband MILSATCOM	3			195,000	U
31	0603444F	Maui Space Surveillance System (MSSS)	3	18,905	27,020	6,472	U
32	0603500F	Multi-disciplinary Advanced Development Space Technology	3			50,538	U
33	0603601F	Conventional Weapons Technology	3	21,398	39,729	38,001	U
34	0603605F	Advanced Weapons Technology	3	41,407	66,905	28,271	U
35	0603723F	Environmental Engineering Technology	3	968			U
36	0603726F	Aerospace Info Tech Sys Integration	3	6,964			U
37	0603789F	C3I Advanced Development	3	18,252	33,217	34,288	U
38	0603801F	Special Programs	3			97,300	U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
39	0603876F	Space-Based Laser	3	67,522			U
		Advanced Technology Development		563,810	572,135	742,917	
40	0603260F	Intelligence Advanced Development	4	4,134	4,438	4,545	U
41	0603319F	Airborne Laser Program	4	386,130			U
42	0603421F	NAVSTAR Global Positioning System III	4		76,960	100,217	U
43	0603430F	Advanced EHF MILSATCOM (SPACE)	4	229,763	479,659	825,783	U
44	0603432F	Polar MILSATCOM (SPACE)	4	29,229	18,539	19,554	U
45	0603434F	National Polar-orbiting Operational Environmental Satellite Sys (SPACE) - D	4	71,032	155,834	237,199	U
46	0603438F	Space Control Technology	4	7,086	32,344	13,814	U
47	0603617F	Command, Control, and Communication Applications	4	7,368			U
48	0603742F	Combat Identification Technology	4	10,497	11,409	12,434	U
49	0603790F	NATO Research and Development	4	5,217	5,560	4,355	U
50	0603791F	International Space Cooperative R&D	4			643	U
51	0603800F	Joint Strike Fighter	4	341,167			U
52	0603845F	Advanced Wideband System (AWS)	4			4,982	U
53	0603850F	Integrated Broadcast Service (Dem/ Val)	4	12,843	17,149	19,870	U
54	0603851F	Intercontinental Ballistic Missile - Dem/Val	4	48,216	47,519	63,025	U
55	0603854F	Wideband Gapfiller System RDT&E (Space)	4	119,122	99,033	20,009	U
56	0603856F	Air Force/National Program Cooperation (AFNPC)	4	2,198	2,409	8,829	U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
57	0603858F	Space-Based Radar Dem/Val	4			47,859	U
58	0603859F	Pollution Prevention (Dem/Val)	4	2,408		2,743	U
59	0603860F	Joint Precision Approach and Landing Systems - Dem/Val	4	18,164	9,342	13,267	U
60	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	4			7,482	U
61	0305149F	COBRA JUDY (H)	4			51,000	U
	Demonstration and Validation			1,294,574	960,195	1,457,610	
62	0603840F	Global Broadcast Service (GBS)	5		34,202	22,589	U
63	0604012F	Joint Helmet Mounted Cueing System (JHMCS)	5	1,439	5,901	1,859	U
64	0604222F	Nuclear Weapons Support	5	9,597	12,990	13,627	U
65	0604226F	B-1B	5	148,097	150,799	160,688	U
66	0604227F	Distributed Mission Training (DMT)	5	3,597			U
67	0604233F	Specialized Undergraduate Pilot Training	5	26,368	4,837	1,909	U
68	0604239F	F-22 EMD	5	1,411,606	881,556	627,266	U
69	0604240F	B-2 Advanced Technology Bomber	5	126,053	216,962	225,327	U
70	0604251F	Space-Based Radar EMD	5		24,752		U
71	0604270F	EW Development	5	52,206	42,546	65,082	U
72	0604280F	Joint Tactical Radio	5			17,358	U
73	0604329F	Small Diameter Bomb (SDB) EMD	5	25,000	34,653	54,368	U
74	0604421F	Counterspace Systems	5			40,053	U
75	0604441F	Space Based Infrared System (SBIRS) High EMD	5	550,144	438,720	814,927	U
76	0604442F	Space Based Infrared System (SBIRS) Low EMD	5	233,546			U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
77	0604479F	Milstar LDR/MDR Satellite Communications (SPACE)	5	224,592	228,722	148,936	U
78	0604602F	Armament/Ordnance Development	5	9,422	3,800	9,160	U
79	0604604F	Submunitions	5	4,441	4,761	4,739	U
80	0604617F	Agile Combat Support	5	2,075	16,041	6,318	U
81	0604618F	Joint Direct Attack Munition	5	10,654	27,679	16,594	U
82	0604703F	Aeromedical/Chemical Defense Systems	5	5,336			U
83	0604706F	Life Support Systems	5	16,253	9,208	925	U
84	0604727F	Joint Standoff Weapons Systems	5	1,412			U
85	0604731F	Unmanned Combat Air Vehicle (UCAV)	5			40,000	U
86	0604735F	Combat Training Ranges	5	9,568	25,686	13,524	U
87	0604740F	Integrated Command & Control Applications (IC2A)	5	7,664	6,776	226	U
88	0604750F	Intelligence Equipment	5	4,580	1,806	1,326	U
89	0604754F	Tactical Data Link Infrastructure	5	8,397	16,838		U
90	0604762F	Common Low Observables Verification System (CLOVerS)	5	9,009	6,647	4,781	U
91	0604779F	Tactical Data Link Interoperability	5	5,593	5,621		U
92	0604800F	Joint Strike Fighter EMD	5		761,893	1,743,668	U
93	0604805F	Commercial Operations and Support Savings Initiative	5	18,418			U
94	0604851F	Intercontinental Ballistic Missile - EMD	5	14,203	80,283	133,291	U
95	0604853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	5	377,628	315,321	57,562	U
96	0605011F	RDT&E for Aging Aircraft	5	24,659	41,211	19,871	U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
97	0605306F	Ranch Hand II Epidemiology Study	5		2		U
98	0207249F	Precision Attack Systems Procurement	5	3,687	5,925		U
99	0207434F	Link-16 Support and Sustainment	5			44,146	U
100	0207701F	Full Combat Mission Training	5			3,731	U
101	0305176F	Combat Survivor Evader Locator	5	10,074	11,344	14,274	U
102	0401318F	CV-22	5		188,649	11,449	U
	Engineering and Manufacturing Development			3,355,318	3,606,131	4,319,574	
103	0604256F	Threat Simulator Development	6	32,939	37,775	30,351	U
104	0604759F	Major T&E Investment	6	64,635	62,272	46,338	U
105	0605101F	RAND Project Air Force	6	25,877	25,098	25,462	U
106	0605306F	Ranch Hand II Epidemiology Study	6	4,184	10,847	11,029	U
107	0605502F	Small Business Innovation Research	6	212,263			U
108	0605712F	Initial Operational Test & Evaluation	6	32,677	33,179	27,070	U
109	0605807F	Test and Evaluation Support	6	380,227	392,453	398,266	U
110	0605860F	Rocket Systems Launch Program (SPACE)	6	7,292	27,618	16,237	U
111	0605864F	Space Test Program (STP)	6	41,451	49,318	49,882	U
112	0804731F	General Skill Training	6			313	U
113	0909900F	Financing for Expired Account Adjustments	6	5,129			U
114	0909980F	Judgment Fund Reimbursement	6	7,206	10,000	20,000	U
115	1001004F	International Activities	6	3,574	3,808	3,878	U
	RDT&E Management Support			817,454	652,368	628,826	

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
116	0605024F	Anti-Tamper Technology Executive Agency	7			8,000	U
117	0101113F	B-52 Squadrons	7	47,431	66,205	55,794	U
118	0101120F	Advanced Cruise Missile	7	3,881	2,462	2,788	U
119	0101122F	Air-Launched Cruise Missile (ALCM)	7	5,984	6,772	26,713	U
120	0101313F	Strat War Planning System - USSTRATCOM	7			1,895	U
121	0101815F	Advanced Strategic Programs	7			5,879	U
122	0102326F	Region/Sector Operation Control Center Modernization Program	7	1,803	5,957	35,000	U
123	0203761F	Warfighter Rapid Acquisition Process (WRAP) Rapid Transition Fund	7		28,740	25,057	U
124	0207027F	AC2ISR Center	7	28,476			U
125	0207028F	Joint Expeditionary Force Experiment	7		43,564	27,161	U
126	0207131F	A-10 Squadrons	7	8,102	5,501	7,650	U
127	0207133F	F-16 Squadrons	7	114,712	113,959	81,338	U
128	0207134F	F-15E Squadrons	7	91,263	107,376	81,726	U
129	0207136F	Manned Destructive Suppression	7	13,643	22,017	23,699	U
130	0207138F	F-22 Squadrons	7			181,239	U
131	0207141F	F-117A Squadrons	7	1,606	2,282	3,525	U
132	0207161F	Tactical AIM Missiles	7	21,657	5,713	2,943	U
133	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	7	50,367	57,125	37,008	U
134	0207247F	AF TENCAP	7	14,779	12,689	10,496	U
135	0207248F	Special Evaluation Program	7	75,561	98,771	110,080	U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
136	0207253F	Compass Call	7	20,770	3,868	3,877	U
137	0207268F	Aircraft Engine Component Improvement Program	7	154,308	173,351	186,690	U
138	0207277F	CSAF Innovation Program	7		1,874	1,920	U
139	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	7	110,611	79,197	42,097	U
140	0207410F	Aerospace Operations Center (AOC)	7		19,125	35,875	U
141	0207412F	Control and Reporting Center (CRC)	7	17,164	6,749	6,652	U
142	0207417F	Airborne Warning and Control System (AWACS)	7	33,171	38,972	173,956	U
143	0207423F	Advanced Communications Systems	7	533	9,126	29,133	U
144	0207424F	Evaluation and Analysis Program	7	76,434	199,316	230,218	U
145	0207433F	Advanced Program Technology	7	92,474	106,640	104,651	U
146	0207438F	Theater Battle Management (TBM) C4I	7	44,091	37,469	34,700	U
147	0207445F	Fighter Tactical Data Link	7			39,034	U
148	0207449F	MC2C (Multi-sensor Command and Control Constellation)	7			191,089	U
149	0207581F	Joint Surveillance and Target Attack Radar System (Joint STARS)	7	145,592	152,728	55,515	U
150	0207590F	Seek Eagle	7	18,284	17,654	16,972	U
151	0207591F	Advanced Program Evaluation	7	261,109	81,573	220,088	U
152	0207601F	USAF Modeling and Simulation	7	19,407	30,361	21,895	U
153	0207605F	Wargaming and Simulation Centers	7	7,485	7,961	5,278	U
154	0207701F	Full Combat Mission Training	7		3,725		U
155	0208006F	Mission Planning Systems	7	19,589	17,887	17,002	U
156	0208021F	Information Warfare Support	7		1,785	7,837	U

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DEPARTMENT OF THE AIR FORCE
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
157	0208031F	War Reserve Materiel - Equipment/ Secondary Items	7	1,372			U
158	0208060F	Theater Missile Defenses	7	20,415			U
159	0208160F	Technical Evaluation System	7	92,990	152,847	135,588	U
160	0208161F	Special Evaluation System	7	62,622	41,549	41,518	U
161	0208889F	Counterdrug USSOUTHCOM Support	7	18,000			U
162	0301310F	National Air Intelligence Center	7				
163	0301314F	COBRA BALL	7				
164	0301315F	Missile and Space Technical Collection	7				
165	0301324F	FOREST GREEN	7				
166	0301398F	Management Headquarters GDIP	7				
167	0302015F	E-4B National Airborne Operations Center (NAOC)	7	27,275	23,126	47,867	U
168	0303110F	Defense Satellite Communications System (SPACE)	7	6,799	3,856	2,046	U
169	0303112F	Air Force Communications (AIRCOM)	7	10,871	31,274		U
170	0303131F	Minimum Essential Emergency Communications Network (MEECN)	7	19,153	5,923	2,423	U
171	0303140F	Information Systems Security Program	7	28,197	20,053	9,353	U
172	0303141F	Global Combat Support System	7	46,036	52,299	29,168	U
173	0303150F	Global Command and Control System	7	3,535	3,166	3,565	U
174	0303401F	Communications Security (COMSEC)	7	4,627	3,942	4,765	U
175	0303601F	MILSATCOM Terminals	7	16,016	40,431	72,712	U
176	0304111F	Special Activities	7				
177	0304311F	Selected Activities	7	18,000	58,794	150,243	U

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DEPARTMENT OF THE AIR FORCE
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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
178	0305099F	Global Air Traffic Management (GATM)	7	8,430	8,887	7,200	U
179	0305110F	Satellite Control Network (SPACE)	7	32,873	54,539	17,542	U
180	0305111F	Weather Service	7	19,057	11,202	14,488	U
181	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	7	46,098	26,595	9,865	U
182	0305128F	Security and Investigative Activities	7	443	467	475	U
183	0305142F	Applied Technology and Integration	7				
184	0305144F	Titan Space Launch Vehicles (SPACE)	7	21,496	21,080		U
185	0305148F	Air Force Tactical Measurement and Signature Intelligence (MASINT) Systems/Pro	7			6,486	U
186	0305159F	Defense Reconnaissance Support Activities (SPACE)	7	39,859	46,249	42,076	U
187	0305160F	Defense Meteorological Satellite Program (SPACE)	7	22,129	11,871	3,875	U
188	0305164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	7	60,330	52,541	86,799	U
189	0305165F	NAVSTAR Global Positioning System (Space and Control Segments)	7	241,163	178,655	324,098	U
190	0305172F	Combined Advanced Applications	7				
191	0305182F	Spacelift Range System (SPACE)	7	57,868	70,113	82,108	U
192	0305202F	Dragon U-2 (JMIP)	7	32,247	30,496	17,442	U
193	0305205F	Endurance Unmanned Aerial Vehicles	7	145,123	195,782	309,743	U
194	0305206F	Airborne Reconnaissance Systems	7	127,573	57,208	66,810	U
195	0305207F	Manned Reconnaissance Systems	7	15,357	7,050		U
196	0305208F	Distributed Common Ground Systems	7	30,593	16,280	20,708	U

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DEPARTMENT OF THE AIR FORCE
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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
197	0305906F	NCMC - TW/AA System	7	19,908	15,350	15,639	U
198	0305910F	SPACETRACK (SPACE)	7	10,829	23,289	21,917	U
199	0305911F	Defense Support Program (SPACE)	7	12,779	6,142	2,090	U
200	0305913F	NUDET Detection System (SPACE)	7	14,908	21,525	21,180	U
201	0308601F	Modeling and Simulation Support	7	1,118		1,995	U
202	0308699F	Shared Early Warning (SEW)	7	7,591	3,660	4,027	U
203	0401115F	C-130 Airlift Squadron	7	63,286	59,928	158,978	U
204	0401119F	C-5 Airlift Squadrons	7	91,925	154,944	277,795	U
205	0401130F	C-17 Aircraft	7	168,010	109,513	157,213	U
206	0401132F	C-130J Program	7			10,000	U
207	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	7		61,905	47,539	U
208	0401218F	KC-135s	7	452	5,361	1,497	U
209	0401219F	KC-10s	7	18,369	22,547	10,506	U
210	0404011F	Special Operations Forces	7	2,776			U
211	0702207F	Depot Maintenance (Non-IF)	7	3,336	2,719	1,340	U
212	0708011F	Industrial Preparedness	7	55,464	58,406	37,581	U
213	0708012F	Logistics Support Activities	7			10,375	U
214	0708026F	Productivity, Reliability, Availability, Maintain. Prog Ofc (PRAMPO)	7	20,304	26,623	4,767	U
215	0708071F	Joint Logistics Program - Ammunition Standard System	7	10,645			U
216	0708611F	Support Systems Development	7	39,825	28,944	35,813	U
217	0708612F	Computer Resources Support Improvement Program (CRSIP)	7	3,237	2,353	2,094	U

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DEPARTMENT OF THE AIR FORCE
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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
218	0901212F	Service-Wide Support	7			4,090	U
219	0901218F	Civilian Compensation Program	7	7,063	6,949	7,132	U
220	0901538F	Financial Management Information Systems Development	7			21,326	U
221	1001018F	NATO Joint STARS	7	4,640			U
		Operational Systems Development		7,412,365	7,762,399	9,535,613	
		Total Research, Development, Test & Eval, AF		14,313,436	14,547,677	17,601,233	

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SUMMARY
 (\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Basic Research	490,177	513,418	498,887
Applied Research	1,559,353	1,631,747	1,859,923
Advanced Technology Development	1,805,878	2,054,523	2,435,336
Demonstration and Validation	3,226,871	5,944,649	5,867,941
Engineering and Manufacturing Development	1,155,388	1,473,974	1,336,264
RDT&E Management Support	558,498	498,881	551,172
Operational Systems Development	2,519,610	3,167,404	4,064,028
Total Research, Development, Test & Eval, Defwide	11,315,775	15,284,596	16,613,551
<u>Summary Recap of FYDP Programs</u>			
General Purpose Forces	47,754	51,474	55,730
Intelligence and Communications	2,198,971	2,709,988	3,614,791
Research and Development	8,725,695	12,046,851	12,450,385
Central Supply and Maintenance	9,006	41,392	13,072
Administration and Associated Activities	59,307	42,584	48,253
Special Operations Forces	275,042	392,307	431,320
Total Research, Development, Test & Eval, Defwide	11,315,775	15,284,596	16,613,551

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DEFENSE-WIDE
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SUMMARY
(\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Defensewide</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Special Operations Command	278,807	392,307	431,320
Defense Contract Management Agency	17,283	10,142	14,365
Chemical and Biological Defense Program	404,799	549,679	932,905
National Imagery And Mapping Agency			
Defense Threat Reduction Agency	458,321	452,165	394,239
Ballistic Missile Defense Organization	4,208,375	6,969,420	6,690,722
Office Of Secretary Of Defense	1,509,619	1,698,470	1,812,698
Defense Adv Research Projects Agcy	1,976,682	2,252,717	2,685,110
National Security Agency			
Joint Chiefs of Staff	92,386	59,444	108,527
Defense Information Systems Agency	202,729	216,048	281,947
Defense Intelligence Agency			
Defense Contract Audit Agency		546	550
Defense Logistics Agency	74,658	130,385	43,724
DoD Human Resources Activity	35,246	8,720	8,963
Defense Security Cooperation Agency	1,914	1,908	1,920
Defense Security Service	440	659	474
Total Research, Development, Test & Eval, Defwide	11,315,775	15,284,596	16,613,551

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0601101D8Z	In-House Laboratory Independent Research	1	1,989	2,081	2,126	U
2	0601101E	Defense Research Sciences	1	99,647	142,303	175,646	U
3	0601103D8Z	University Research Initiatives	1	292,355	248,997	221,610	U
4	0601105D8Z	Force Health Protection	1	29,366	36,442	9,973	U
5	0601108D8Z	High Energy Laser Research Initiatives	1		11,785	12,082	U
6	0601111D8Z	Government/Industry Cosponsorship of University Research	1	6,654	9,195	3,467	U
7	0601114D8Z	Defense Experimental Program to Stimulate Competitive Resear	1	21,797	16,824	9,864	U
8	0601384BP	Chemical and Biological Defense Program	1	38,369	45,791	64,119	U
	Basic Research			----- 490,177	----- 513,418	----- 498,887	
9	0602110E	Next Generation Internet	2	14,461			U
10	0602173C	Support Technologies - Applied Research	2	31,219			U
11	0602227D8Z	Medical Free Electron Laser	2	19,845	19,660		U
12	0602228D8Z	Historically Black Colleges and Universities (HBCU) Science	2	22,031	23,784	13,970	U
13	0602234D8Z	Lincoln Laboratory Research Program	2	19,917	21,969	27,732	U
14	0602301E	Computing Systems and Communications Technology	2	310,496	358,494	424,940	U
15	0602302E	Embedded Software and Pervasive Computing	2	47,876	65,561	60,000	U
16	0602383E	Biological Warfare Defense	2	146,216	146,680	133,000	U
17	0602384BP	Chemical and Biological Defense Program	2	93,172	146,431	262,177	U

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EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
18	0602702E	Tactical Technology	2	210,790	164,056	180,952	U
19	0602708E	Integrated Command and Control Technology	2	39,565			U
20	0602712E	Materials and Electronics Technology	2	255,026	344,554	440,500	U
21	0602715BR	Nuclear Sustainment & Counterproliferation Technologies	2	310,416	296,356		U
22	0602716BR	WMD Defeat Technology	2			146,143	U
23	0602717BR	Strategic Defense Technologies	2			131,199	U
24	0602787D8Z	Medical Technology	2	8,600	8,971		U
25	0602890D8Z	High Energy Laser Research	2	29,723	35,231	39,310	U
	Applied Research			1,559,353	1,631,747	1,859,923	
26	0603002D8Z	Medical Advanced Technology	3	2,025	2,066		U
27	0603104D8Z	Explosives Demilitarization Technology	3	29,886	16,925	8,935	U
28	0603121D8Z	SO/LIC Advanced Development	3	8,543	14,509	13,800	U
29	0603122D8Z	Combating Terrorism Technology Support	3	48,852	56,011	49,015	U
30	0603160BR	Counterproliferation Advanced Development Technologies	3	76,624	89,687	77,389	U
31	0603173C	Support Technologies - Advanced Technology Development	3	130,716			U
32	0603174C	Space Based Lasers (SBL)	3	69,595			U
33	0603175C	Ballistic Missile Defense Technology	3		119,340	121,751	U
34	0603225D8Z	Joint DoD-DoE Munitions Technology Development	3	16,516	18,982	25,420	U
35	0603232D8Z	Automatic Target Recognition	3	7,465	7,638	7,404	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
36	0603285E	Advanced Aerospace Systems	3	38,093	153,700	246,000	U
37	0603384BP	Chemical and Biological Defense Program - Advanced Development	3	58,241	75,266	249,842	U
38	0603704D8Z	Special Technical Support	3	29,304	12,107	11,168	U
39	0603711BR	Arms Control Technology	3	67,380	62,909	37,646	U
40	0603712S	Generic Logistics R&D Technology Demonstrations	3	51,690	84,043	25,451	U
41	0603716D8Z	Strategic Environmental Research Program	3	59,007	62,165	60,468	U
42	0603727D8Z	Joint Warfighting Program	3	7,538	7,536	9,610	U
43	0603728D8Z	Agile Port Demonstration	3	7,432	8,500		U
44	0603738D8Z	Cooperative DoD/VA Medical Research	3	991			U
45	0603739E	Advanced Electronics Technologies	3	213,379	199,564	150,400	U
46	0603750D8Z	Advanced Concept Technology Demonstrations	3	120,741	157,762	199,580	U
47	0603755D8Z	High Performance Computing Modernization Program	3	171,727	183,524	188,642	U
48	0603760E	Command, Control and Communications Systems	3	129,162	115,149	130,101	U
49	0603762E	Sensor and Guidance Technology	3	138,508	192,095	224,000	U
50	0603763E	Marine Technology	3	25,290	36,497	33,000	U
51	0603764E	Land Warfare Technology	3	130,610	153,067	162,100	U
52	0603765E	Classified DARPA Programs	3	96,716	139,895	275,899	U
53	0603769D8Z	Distributed Learning Advanced Technology Development	3			14,000	U
54	0603781D8Z	Software Engineering Institute	3		21,876	22,983	U
55	0603805S	Dual Use Application Programs	3	5,987			U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
56	0603826D8Z	Quick Reaction Special Projects	3			25,430	U
57	0603832D8Z	Joint Wargaming Simulation Management Office	3	62,390	46,104	49,929	U
58	0603924D8Z	High Energy Laser Advanced Technology Program	3		15,842	13,567	U
59	0605160D8Z	Counterproliferation Support	3	1,470	1,764	1,806	U
	Advanced Technology Development			1,805,878	2,054,523	2,435,336	
60	0603228D8Z	Physical Security Equipment	4	25,866	39,313	33,553	U
61	0603709D8Z	Joint Robotics Program	4	13,667	12,558	11,305	U
62	0603714D8Z	Advanced Sensor Applications Program	4	38,021	21,239	15,994	U
63	0603736D8Z	CALS Initiative	4	8,522	6,680	1,647	U
64	0603851D8Z	Environmental Security Technical Certification Program	4	28,987	20,504	28,334	U
65	0603868C	Navy Theater Wide Missile Defense System	4	440,930			U
66	0603869C	Meads Concepts - Dem/Val	4	49,700			U
67	0603871C	National Missile Defense - Dem/Val	4	1,823,723			U
68	0603873C	Family-of Systems Engineering and Integration (FoS E&I)	4	227,965			U
69	0603874C	BMD Technical Operations	4	307,859			U
70	0603875C	International Cooperative Programs	4	125,805			U
71	0603876C	Threat and Countermeasures	4	25,853			U
72	0603880C	Ballistic Missile Defense System Segment	4		807,993	1,065,982	U
73	0603881C	Ballistic Missile Defense Terminal Defense Segment	4		220,119	169,974	U

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Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
74	0603882C	Ballistic Missile Defense Midcourse Defense Segment	4		3,762,250	3,195,104	U
75	0603883C	Ballistic Missile Defense Boost Defense Segment	4		599,835	796,927	U
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	4	82,315	89,756	144,790	U
77	0603884C	Ballistic Missile Defense Sensors	4		335,338	373,447	U
78	0603920D8Z	Humanitarian Demining	4	12,611	13,220	13,355	U
79	0603923D8Z	Coalition Warfare	4	5,945	5,844	12,444	U
80	0604722D8Z	Joint Service Education and Training Systems Development	4	2,973	10,000		U
81	0303191D8Z	Joint Electromagnetic Technology (JET) Program	4			5,085	U
82	0901585C	Pentagon Reservation	4	6,129			U
	Demonstration and Validation			3,226,871	5,944,649	5,867,941	
83	0604384BP	Chemical and Biological Defense Program - EMD	5	98,836	161,383	169,018	U
84	0604709D8Z	Joint Robotics Program - EMD	5	14,915	15,003	13,643	U
85	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	5	14,496	14,096	28,393	U
86	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	5	16,100	16,328	10,797	U
87	0604861C	Theater High-Altitude Area Defense System - TMD - EMD	5	530,432	866,530	932,171	U
88	0604865C	Patriot PAC-3 Theater Missile Defense Acquisition - EMD	5	81,892	128,199		U
89	0604867C	Navy Area Theater Missile Defense - EMD	5	267,453	99,302		U
90	0605013BL	Information Technology Development	5	1,659	2,455	3,938	U

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Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
91	0605013D8Z	Prototype Accounting Systems	5	12,635		700	U
92	0605014SE	Information Technology Development	5	26,550			U
93	0605015BL	Information Technology Development-Standard Procurement System (SPS)	5	15,624	7,687	10,427	U
94	0605016D8Z	Financial Management System Improvements	5		98,521	96,250	U
95	0303129K	Defense Message System	5	10,748	11,297	11,803	U
96	0303140K	Information Systems Security Program	5	17,649	11,636	17,620	U
97	0303141K	Global Combat Support System	5	19,056	16,301	17,239	U
98	0305840K	Electronic Commerce	5	27,343	25,236	24,265	U
	Engineering and Manufacturing Development			1,155,388	1,473,974	1,336,264	
99	0603858D8Z	Unexploded Ordnance Detection and Clearance	6	1,194	1,152	1,185	U
100	0604943D8Z	Thermal Vicar	6	4,838	5,952	7,058	U
101	0605104D8Z	Technical Studies, Support and Analysis	6	30,315	27,400	30,023	U
102	0605110BR	Critical Technology Support	6	3,901	3,213	1,862	U
103	0605114E	BLACK LIGHT	6	4,940	5,000	5,000	U
104	0605116D8Z	General Support to C3I	6	59,783	28,312	14,979	U
105	0605117D8Z	Foreign Material Acquisition and Exploitation	6	71,503	31,578	32,382	U
106	0605123D8Z	Interagency Export License Automation	6	5,945	10,434	10,702	U
107	0605124D8Z	Defense Travel System	6	9,038	19,600	30,358	U
108	0605126J	Joint Theater Air and Missile Defense Organization	6	21,006	26,678	72,919	U

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
109	0605128D8Z	Classified Program USD(P)	6	8,842	45,000		U
110	0605130D8Z	Foreign Comparative Testing	6	31,405	34,839	31,670	U
111	0605384BP	Chemical and Biological Defense Program	6	33,866	31,052	42,959	U
112	0605502C	Small Business Innovative Research - BMDO	6	89,104			U
113	0605502E	Small Business Innovative Research	6	42,363			U
114	0605710D8Z	Classified Programs - C3I	6	636	44,274	60,708	U
115	0605790D8Z	Small Business Innovation Research/Challenge Administration	6	1,713	14,544	2,103	U
116	0605798S	Defense Technology Analysis	6	7,975	4,950	5,201	U
117	0605799D8Z	Force Transformation Directorate	6			20,000	U
118	0605801K	Defense Technical Information Services (DTIC)	6	44,381	43,738	45,249	U
119	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	6	8,696	8,720	8,963	U
120	0605804D8Z	Development Test and Evaluation	6	43,510	45,829	48,913	U
121	0605898E	Management Headquarters (Research and Development)DARPA	6	32,544	36,102	43,572	U
122	0901585C	Pentagon Reservation	6		6,571	7,457	U
123	0901598C	Management Headquarters-BMDO	6		23,943	27,909	U
124	0909999E	Financing for Cancelled Account Adjustments	6	1,000			U
		RDT&E Management Support		----- 558,498	----- 498,881	----- 551,172	
125	0604805D8Z	Commercial Operations and Support Savings Initiative	7	9,541	22,735	10,320	U
126	0605127T	Partnership for Peace (PfP) Information Management System	7	1,914	1,908	1,920	U

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EXHIBIT R-1

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Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
127	0208045K	C4I Interoperability	7	35,920	40,861	43,199	U
128	0208052J	Joint Analytical Model Improvement Program	7	11,834	10,613	12,531	U
129	0300205R	Information Technology Systems	7		546	550	U
130	0301011G	Cryptologic Activities	7				
131	0301301L	General Defense Intelligence Program	7				
132	0301398L	Management Headquarters GDIP, DIA	7				
133	0302016K	National Military Command System-Wide Support	7	608	1,003	1,053	U
134	0302019K	Defense Info Infrastructure Engineering and Integration	7	6,684	6,471	7,554	U
135	0303126K	Long Haul Communications (DCS)	7	1,339	10,624	1,407	U
136	0303127K	Support of the National Communications System	7	4,222	4,912	15,046	U
137	0303131K	Minimum Essential Emergency Communications Network (MEECN)	7	7,204	6,910	7,199	U
138	0303140G	Information Systems Security Program	7	330,283	422,363	394,257	U
139	0303149J	C4I for the Warrior	7	7,368	10,083	10,190	U
140	0303149K	C4I for the Warrior	7	385		20,536	U
141	0303150K	Global Command and Control System	7			15,604	U
142	0303153K	Joint Spectrum Center	7	8,194	8,751	19,102	U
143	0303610K	Teleport Program	7	4,500	14,212	6,678	U
144	0304210BB	Special Reconnaissance Capabilities (SRC) Program	7	3,765			U
145	0304345BQ	National Imagery and Mapping Program	7				

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Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
146	0305102BQ	Defense Imagery and Mapping Program	7	102,035	135,043	143,488	U
147	0305127D8Z	Foreign Counterintelligence Activities	7			13,916	U
148	0305127V	Foreign Counterintelligence Activities	7	440	659	474	U
149	0305146D8Z	Defense Joint Counterintelligence Program (JMIP)	7		17,939	6,058	U
150	0305190D8Z	C3I Intelligence Programs	7	24,950	16,684	75,682	U
151	0305191D8Z	Technology Development	7		4,738	120,458	U
152	0305202G	Dragon U-2 (JMIP)	7	4,076	3,990	3,353	U
153	0305206G	Airborne Reconnaissance Systems	7	13,353	16,381	11,934	U
154	0305207G	Manned Reconnaissance Systems	7	4,801	17,124	4,649	U
155	0305208BQ	Distributed Common Ground Systems	7				
156	0305208G	Distributed Common Ground Systems	7				
157	0305208L	Distributed Common Ground Systems	7	985	1,006	1,000	U
158	0305884L	Intelligence Planning and Review Activities	7				
159	0305885G	Tactical Cryptologic Activities	7	94,794	104,672	113,159	U
160	0305889G	Counterdrug Intelligence Support	7	7,096			U
161	0305917D8Z	National Security Space Architect (NSSA)	7			11,185	U
162	0708011S	Industrial Preparedness	7	9,006	41,392	13,072	U
163	0902298J	Management Headquarters (OJCS)	7	10,470	12,070	12,887	U
164	0902740J	Joint Simulation System	7	41,708			U
165	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	7	5,160			U

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Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
166	1160401BB	Special Operations Technology Development	7	9,997	20,506	6,741	U
167	1160402BB	Special Operations Advanced Technology Development	7	13,454	10,982	62,276	U
168	1160404BB	Special Operations Tactical Systems Development	7	159,645	255,604	281,443	U
169	1160405BB	Special Operations Intelligence Systems Development	7	6,968	14,989	1,590	U
170	1160407BB	SOF Medical Technology Development	7	1,996	4,017	1,962	U
171	1160408BB	SOF Operational Enhancements	7	77,822	86,209	77,308	U
		Operational Systems Development		2,519,610	3,167,404	4,064,028	
		Total Research, Development, Test & Eval, Defwide		11,315,775	15,284,596	16,613,551	

UNCLASSIFIED
DEFENSE-WIDE
FY 2003 RDT&E PROGRAM

FEB 2002

SUMMARY
(\$ IN THOUSANDS)

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
RDT&E Management Support	34,826		
Total Developmental Test & Eval, Defense	34,826		
 <u>Summary Recap of FYDP Programs</u>			
Research and Development	34,826		
Total Developmental Test & Eval, Defense	34,826		

UNCLASSIFIED
 DEFENSE-WIDE
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0450D Developmental Test & Eval, Defense

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	6	18,615			U
2	0605130D8Z	Foreign Comparative Testing	6	5,556			U
3	0605804D8Z	Development Test and Evaluation	6	10,655			U
		RDT&E Management Support		34,826	-----	-----	
		Total Developmental Test & Eval, Defense		34,826	-----	-----	

UNCLASSIFIED
 DEFENSE-WIDE
 FY 2003 RDT&E PROGRAM

SUMMARY
 (\$ IN THOUSANDS)

FEB 2002

<u>Summary Recap of Budget Activities</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Advanced Technology Development		7,944	6,010
RDT&E Management Support	224,975	222,300	216,044
Total Operational Test & Eval, Defense	224,975	230,244	222,054
<u>Summary Recap of FYDP Programs</u>			
Research and Development	224,975	230,244	222,054
Total Operational Test & Eval, Defense	224,975	230,244	222,054

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 DEFENSE-WIDE
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0460D Operational Test & Eval, Defense

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0603941D8Z	Test & Evaluation Science Technology	3		7,944	6,010	U
		Advanced Technology Development		-----	-----	-----	
					7,944	6,010	
2	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	6	134,157	131,720	123,276	U
3	0605118D8Z	Operational Test and Evaluation	6	20,978	17,258	19,725	U
4	0605131D8Z	Live Fire Testing	6	17,054	12,797	10,102	U
5	0605804D8Z	Development Test and Evaluation	6	52,786	60,525	62,941	U
		RDT&E Management Support		-----	-----	-----	
				224,975	222,300	216,044	
		Total Operational Test & Eval, Defense		-----	-----	-----	
				224,975	230,244	222,054	

UNCLASSIFIED

Special Operations Command
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
144	0304210BB	Special Reconnaissance Capabilities (SRC) Program	7	3,765			U
		Operational Systems Development		3,765			
165	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	7	5,160			U
166	1160401BB	Special Operations Technology Development	7	9,997	20,506	6,741	U
167	1160402BB	Special Operations Advanced Technology Development	7	13,454	10,982	62,276	U
168	1160404BB	Special Operations Tactical Systems Development	7	159,645	255,604	281,443	U
169	1160405BB	Special Operations Intelligence Systems Development	7	6,968	14,989	1,590	U
170	1160407BB	SOF Medical Technology Development	7	1,996	4,017	1,962	U
171	1160408BB	SOF Operational Enhancements	7	77,822	86,209	77,308	U
		Operational Systems Development		275,042	392,307	431,320	
		Total Special Operations Command		278,807	392,307	431,320	

UNCLASSIFIED

Defense Contract Management Agency
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
90	0605013BL	Information Technology Development	5	1,659	2,455	3,938	U
93	0605015BL	Information Technology Development-Standard Procurement System (SPS)	5	15,624	7,687	10,427	U
		Engineering and Manufacturing Development		17,283	10,142	14,365	
		Total Defense Contract Management Agency		17,283	10,142	14,365	

UNCLASSIFIED

Chemical and Biological Defense Program
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
8	0601384BP	Chemical and Biological Defense Program	1	38,369	45,791	64,119	U
		Basic Research		38,369	45,791	64,119	
17	0602384BP	Chemical and Biological Defense Program	2	93,172	146,431	262,177	U
		Applied Research		93,172	146,431	262,177	
37	0603384BP	Chemical and Biological Defense Program - Advanced Development	3	58,241	75,266	249,842	U
		Advanced Technology Development		58,241	75,266	249,842	
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	4	82,315	89,756	144,790	U
		Demonstration and Validation		82,315	89,756	144,790	
83	0604384BP	Chemical and Biological Defense Program - EMD	5	98,836	161,383	169,018	U
		Engineering and Manufacturing Development		98,836	161,383	169,018	
111	0605384BP	Chemical and Biological Defense Program	6	33,866	31,052	42,959	U
		RDT&E Management Support		33,866	31,052	42,959	
		Total Chemical and Biological Defense Program		404,799	549,679	932,905	

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National Imagery And Mapping Agency
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
145	0304345BQ	National Imagery and Mapping Program	7				
146	0305102BQ	Defense Imagery and Mapping Program	7	102,035	135,043	143,488	U
155	0305208BQ	Distributed Common Ground Systems Operational Systems Development	7	-----	-----	-----	
Total National Imagery And Mapping Agency				-----	-----	-----	

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Defense Threat Reduction Agency
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
21	0602715BR	Nuclear Sustainment & Counterproliferation Technologies	2	310,416	296,356		U
22	0602716BR	WMD Defeat Technology	2			146,143	U
23	0602717BR	Strategic Defense Technologies	2			131,199	U
	Applied Research			310,416	296,356	277,342	
30	0603160BR	Counterproliferation Advanced Development Technologies	3	76,624	89,687	77,389	U
39	0603711BR	Arms Control Technology	3	67,380	62,909	37,646	U
	Advanced Technology Development			144,004	152,596	115,035	
102	0605110BR	Critical Technology Support	6	3,901	3,213	1,862	U
	RDT&E Management Support			3,901	3,213	1,862	
Total Defense Threat Reduction Agency				458,321	452,165	394,239	

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Ballistic Missile Defense Organization
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
10	0602173C	Support Technologies - Applied Research	2	31,219			U
		Applied Research		31,219			
31	0603173C	Support Technologies - Advanced Technology Development	3	130,716			U
32	0603174C	Space Based Lasers (SBL)	3	69,595			U
33	0603175C	Ballistic Missile Defense Technology	3		119,340	121,751	U
		Advanced Technology Development		200,311	119,340	121,751	
65	0603868C	Navy Theater Wide Missile Defense System	4	440,930			U
66	0603869C	Meads Concepts - Dem/Val	4	49,700			U
67	0603871C	National Missile Defense - Dem/Val	4	1,823,723			U
68	0603873C	Family-of Systems Engineering and Integration (FoS E&I)	4	227,965			U
69	0603874C	BMD Technical Operations	4	307,859			U
70	0603875C	International Cooperative Programs	4	125,805			U
71	0603876C	Threat and Countermeasures	4	25,853			U
72	0603880C	Ballistic Missile Defense System Segment	4		807,993	1,065,982	U
73	0603881C	Ballistic Missile Defense Terminal Defense Segment	4		220,119	169,974	U
74	0603882C	Ballistic Missile Defense Midcourse Defense Segment	4		3,762,250	3,195,104	U
75	0603883C	Ballistic Missile Defense Boost Defense Segment	4		599,835	796,927	U
77	0603884C	Ballistic Missile Defense Sensors	4		335,338	373,447	U
		Demonstration and Validation		3,001,835	5,725,535	5,601,434	

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Ballistic Missile Defense Organization
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
82	0901585C	Pentagon Reservation	4	6,129			U
		Demonstration and Validation		6,129			
87	0604861C	Theater High-Altitude Area Defense System - TMD - EMD	5	530,432	866,530	932,171	U
88	0604865C	Patriot PAC-3 Theater Missile Defense Acquisition - EMD	5	81,892	128,199		U
89	0604867C	Navy Area Theater Missile Defense - EMD	5	267,453	99,302		U
		Engineering and Manufacturing Development		879,777	1,094,031	932,171	
112	0605502C	Small Business Innovative Research - BMDO	6	89,104			U
		RDT&E Management Support		89,104			
122	0901585C	Pentagon Reservation	6		6,571	7,457	U
123	0901598C	Management Headquarters-BMDO	6		23,943	27,909	U
		RDT&E Management Support			30,514	35,366	
		Total Ballistic Missile Defense Organization		4,208,375	6,969,420	6,690,722	

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Office Of Secretary Of Defense
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
1	0601101D8Z	In-House Laboratory Independent Research	1	1,989	2,081	2,126	U
3	0601103D8Z	University Research Initiatives	1	292,355	248,997	221,610	U
4	0601105D8Z	Force Health Protection	1	29,366	36,442	9,973	U
5	0601108D8Z	High Energy Laser Research Initiatives	1		11,785	12,082	U
6	0601111D8Z	Government/Industry Cosponsorship of University Research	1	6,654	9,195	3,467	U
7	0601114D8Z	Defense Experimental Program to Stimulate Competitive Resear	1	21,797	16,824	9,864	U
	Basic Research			352,161	325,324	259,122	
11	0602227D8Z	Medical Free Electron Laser	2	19,845	19,660		U
12	0602228D8Z	Historically Black Colleges and Universities (HBCU) Science	2	22,031	23,784	13,970	U
13	0602234D8Z	Lincoln Laboratory Research Program	2	19,917	21,969	27,732	U
24	0602787D8Z	Medical Technology	2	8,600	8,971		U
25	0602890D8Z	High Energy Laser Research	2	29,723	35,231	39,310	U
	Applied Research			100,116	109,615	81,012	
26	0603002D8Z	Medical Advanced Technology	3	2,025	2,066		U
27	0603104D8Z	Explosives Demilitarization Technology	3	29,886	16,925	8,935	U
28	0603121D8Z	SO/LIC Advanced Development	3	8,543	14,509	13,800	U
29	0603122D8Z	Combating Terrorism Technology Support	3	48,852	56,011	49,015	U
34	0603225D8Z	Joint DoD-DoE Munitions Technology Development	3	16,516	18,982	25,420	U
35	0603232D8Z	Automatic Target Recognition	3	7,465	7,638	7,404	U

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Office Of Secretary Of Defense
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
38	0603704D8Z	Special Technical Support	3	29,304	12,107	11,168	U
41	0603716D8Z	Strategic Environmental Research Program	3	59,007	62,165	60,468	U
42	0603727D8Z	Joint Warfighting Program	3	7,538	7,536	9,610	U
43	0603728D8Z	Agile Port Demonstration	3	7,432	8,500		U
44	0603738D8Z	Cooperative DoD/VA Medical Research	3	991			U
46	0603750D8Z	Advanced Concept Technology Demonstrations	3	120,741	157,762	199,580	U
47	0603755D8Z	High Performance Computing Modernization Program	3	171,727	183,524	188,642	U
53	0603769D8Z	Distributed Learning Advanced Technology Development	3			14,000	U
54	0603781D8Z	Software Engineering Institute	3		21,876	22,983	U
56	0603826D8Z	Quick Reaction Special Projects	3			25,430	U
57	0603832D8Z	Joint Wargaming Simulation Management Office	3	62,390	46,104	49,929	U
58	0603924D8Z	High Energy Laser Advanced Technology Program	3		15,842	13,567	U
59	0605160D8Z	Counterproliferation Support	3	1,470	1,764	1,806	U
	Advanced Technology Development			573,887	633,311	701,757	
60	0603228D8Z	Physical Security Equipment	4	25,866	39,313	33,553	U
61	0603709D8Z	Joint Robotics Program	4	13,667	12,558	11,305	U
62	0603714D8Z	Advanced Sensor Applications Program	4	38,021	21,239	15,994	U
63	0603736D8Z	CALS Initiative	4	8,522	6,680	1,647	U
64	0603851D8Z	Environmental Security Technical Certification Program	4	28,987	20,504	28,334	U

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Office Of Secretary Of Defense
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
78	0603920D8Z	Humanitarian Demining	4	12,611	13,220	13,355	U
79	0603923D8Z	Coalition Warfare	4	5,945	5,844	12,444	U
80	0604722D8Z	Joint Service Education and Training Systems Development	4	2,973	10,000		U
		Demonstration and Validation		136,592	129,358	116,632	
81	0303191D8Z	Joint Electromagnetic Technology (JET) Program	4			5,085	U
		Demonstration and Validation				5,085	
84	0604709D8Z	Joint Robotics Program - EMD	5	14,915	15,003	13,643	U
86	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	5	16,100	16,328	10,797	U
91	0605013D8Z	Prototype Accounting Systems	5	12,635		700	U
94	0605016D8Z	Financial Management System Improvements	5		98,521	96,250	U
		Engineering and Manufacturing Development		43,650	129,852	121,390	
99	0603858D8Z	Unexploded Ordnance Detection and Clearance	6	1,194	1,152	1,185	U
100	0604943D8Z	Thermal Vicar	6	4,838	5,952	7,058	U
101	0605104D8Z	Technical Studies, Support and Analysis	6	30,315	27,400	30,023	U
104	0605116D8Z	General Support to C3I	6	59,783	28,312	14,979	U
105	0605117D8Z	Foreign Material Acquisition and Exploitation	6	71,503	31,578	32,382	U
106	0605123D8Z	Interagency Export License Automation	6	5,945	10,434	10,702	U
107	0605124D8Z	Defense Travel System	6	9,038	19,600	30,358	U
109	0605128D8Z	Classified Program USD(P)	6	8,842	45,000		U
110	0605130D8Z	Foreign Comparative Testing	6	31,405	34,839	31,670	U

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Office Of Secretary Of Defense
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
114	0605710D8Z	Classified Programs - C3I	6	636	44,274	60,708	U
115	0605790D8Z	Small Business Innovation Research/Challenge Administration	6	1,713	14,544	2,103	U
117	0605799D8Z	Force Transformation Directorate	6			20,000	U
120	0605804D8Z	Development Test and Evaluation	6	43,510	45,829	48,913	U
		RDT&E Management Support		268,722	308,914	290,081	
125	0604805D8Z	Commercial Operations and Support Savings Initiative	7	9,541	22,735	10,320	U
		Operational Systems Development		9,541	22,735	10,320	
147	0305127D8Z	Foreign Counterintelligence Activities	7			13,916	U
149	0305146D8Z	Defense Joint Counterintelligence Program (JMIP)	7		17,939	6,058	U
150	0305190D8Z	C3I Intelligence Programs	7	24,950	16,684	75,682	U
151	0305191D8Z	Technology Development	7		4,738	120,458	U
161	0305917D8Z	National Security Space Architect (NSSA)	7			11,185	U
		Operational Systems Development		24,950	39,361	227,299	
		Total Office Of Secretary Of Defense		1,509,619	1,698,470	1,812,698	

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Defense Adv Research Projects Agcy
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
2	0601101E	Defense Research Sciences	1	99,647	142,303	175,646	U
		Basic Research		99,647	142,303	175,646	
9	0602110E	Next Generation Internet	2	14,461			U
14	0602301E	Computing Systems and Communications Technology	2	310,496	358,494	424,940	U
15	0602302E	Embedded Software and Pervasive Computing	2	47,876	65,561	60,000	U
16	0602383E	Biological Warfare Defense	2	146,216	146,680	133,000	U
18	0602702E	Tactical Technology	2	210,790	164,056	180,952	U
19	0602708E	Integrated Command and Control Technology	2	39,565			U
20	0602712E	Materials and Electronics Technology	2	255,026	344,554	440,500	U
		Applied Research		1,024,430	1,079,345	1,239,392	
36	0603285E	Advanced Aerospace Systems	3	38,093	153,700	246,000	U
45	0603739E	Advanced Electronics Technologies	3	213,379	199,564	150,400	U
48	0603760E	Command, Control and Communications Systems	3	129,162	115,149	130,101	U
49	0603762E	Sensor and Guidance Technology	3	138,508	192,095	224,000	U
50	0603763E	Marine Technology	3	25,290	36,497	33,000	U
51	0603764E	Land Warfare Technology	3	130,610	153,067	162,100	U
52	0603765E	Classified DARPA Programs	3	96,716	139,895	275,899	U
		Advanced Technology Development		771,758	989,967	1,221,500	
103	0605114E	BLACK LIGHT	6	4,940	5,000	5,000	U
113	0605502E	Small Business Innovative Research	6	42,363			U

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Defense Adv Research Projects Agcy
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
121	0605898E	Management Headquarters (Research and Development)DARPA	6	32,544	36,102	43,572	U
		RDT&E Management Support		79,847	41,102	48,572	
124	0909999E	Financing for Cancelled Account Adjustments	6	1,000			U
		RDT&E Management Support		1,000			
Total Defense Adv Research Projects Agcy				1,976,682	2,252,717	2,685,110	

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National Security Agency
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
130	0301011G	Cryptologic Activities	7				
138	0303140G	Information Systems Security Program	7	330,283	422,363	394,257	U
152	0305202G	Dragon U-2 (JMIP)	7	4,076	3,990	3,353	U
153	0305206G	Airborne Reconnaissance Systems	7	13,353	16,381	11,934	U
154	0305207G	Manned Reconnaissance Systems	7	4,801	17,124	4,649	U
156	0305208G	Distributed Common Ground Systems	7				
159	0305885G	Tactical Cryptologic Activities	7	94,794	104,672	113,159	U
160	0305889G	Counterdrug Intelligence Support	7	7,096			U
		Operational Systems Development		-----	-----	-----	
		Total National Security Agency		-----	-----	-----	

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Joint Chiefs of Staff
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
108	0605126J	Joint Theater Air and Missile Defense Organization	6	21,006	26,678	72,919	U
		RDT&E Management Support		21,006	26,678	72,919	
128	0208052J	Joint Analytical Model Improvement Program	7	11,834	10,613	12,531	U
		Operational Systems Development		11,834	10,613	12,531	
139	0303149J	C4I for the Warrior	7	7,368	10,083	10,190	U
		Operational Systems Development		7,368	10,083	10,190	
163	0902298J	Management Headquarters (OJCS)	7	10,470	12,070	12,887	U
164	0902740J	Joint Simulation System	7	41,708			U
		Operational Systems Development		52,178	12,070	12,887	
Total Joint Chiefs of Staff				92,386	59,444	108,527	

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Defense Information Systems Agency
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
85	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	5	14,496	14,096	28,393	U
		Engineering and Manufacturing Development		14,496	14,096	28,393	
95	0303129K	Defense Message System	5	10,748	11,297	11,803	U
96	0303140K	Information Systems Security Program	5	17,649	11,636	17,620	U
97	0303141K	Global Combat Support System	5	19,056	16,301	17,239	U
98	0305840K	Electronic Commerce	5	27,343	25,236	24,265	U
		Engineering and Manufacturing Development		74,796	64,470	70,927	
118	0605801K	Defense Technical Information Services (DTIC)	6	44,381	43,738	45,249	U
		RDT&E Management Support		44,381	43,738	45,249	
127	0208045K	C4I Interoperability	7	35,920	40,861	43,199	U
		Operational Systems Development		35,920	40,861	43,199	
133	0302016K	National Military Command System- Wide Support	7	608	1,003	1,053	U
134	0302019K	Defense Info Infrastructure Engineering and Integration	7	6,684	6,471	7,554	U
135	0303126K	Long Haul Communications (DCS)	7	1,339	10,624	1,407	U
136	0303127K	Support of the National Communications System	7	4,222	4,912	15,046	U
137	0303131K	Minimum Essential Emergency Communications Network (MEECN)	7	7,204	6,910	7,199	U
140	0303149K	C4I for the Warrior	7	385		20,536	U
141	0303150K	Global Command and Control System	7			15,604	U
142	0303153K	Joint Spectrum Center	7	8,194	8,751	19,102	U

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Defense Information Systems Agency
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	
143	0303610K	Teleport Program	7	4,500	14,212	6,678	U
		Operational Systems Development		----- 33,136	----- 52,883	----- 94,179	
		Total Defense Information Systems Agency		----- 202,729	----- 216,048	----- 281,947	

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Defense Intelligence Agency
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
131	0301301L	General Defense Intelligence Program	7				
132	0301398L	Management Headquarters GDIP, DIA	7				
157	0305208L	Distributed Common Ground Systems	7	985	1,006	1,000	U
158	0305884L	Intelligence Planning and Review Activities	7				
		Operational Systems Development		-----	-----	-----	
		Total Defense Intelligence Agency		-----	-----	-----	

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Defense Contract Audit Agency
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	
129	0300205R	Information Technology Systems	7		546	550	U
		Operational Systems Development		-----	----- 546	----- 550	
		Total Defense Contract Audit Agency		-----	----- 546	----- 550	

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Defense Logistics Agency
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
40	0603712S	Generic Logistics R&D Technology Demonstrations	3	51,690	84,043	25,451	U
55	0603805S	Dual Use Application Programs	3	5,987			U
		Advanced Technology Development		57,677	84,043	25,451	
116	0605798S	Defense Technology Analysis	6	7,975	4,950	5,201	U
		RDT&E Management Support		7,975	4,950	5,201	
162	0708011S	Industrial Preparedness	7	9,006	41,392	13,072	U
		Operational Systems Development		9,006	41,392	13,072	
Total Defense Logistics Agency				74,658	130,385	43,724	

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DoD Human Resources Activity
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
92	0605014SE	Information Technology Development	5	26,550			U
		Engineering and Manufacturing Development		26,550			
119	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	6	8,696	8,720	8,963	U
		RDT&E Management Support		8,696	8,720	8,963	
Total DoD Human Resources Activity				35,246	8,720	8,963	

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Defense Security Cooperation Agency
FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
126	0605127T	Partnership for Peace (PfP) Information Management System	7	1,914	1,908	1,920	U
				-----	-----	-----	
		Operational Systems Development		1,914	1,908	1,920	
				-----	-----	-----	
		Total Defense Security Cooperation Agency		1,914	1,908	1,920	

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Defense Security Service
 FY 2003 RDT&E PROGRAM

EXHIBIT R-1

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

Date: FEB 2002

Line No	Program Element Number	Item	Act	Thousands of Dollars			S E C
				FY 2001	FY 2002	FY 2003	
148	0305127V	Foreign Counterintelligence Activities	7	440	659	474	U
		Operational Systems Development		440	659	474	
		Total Defense Security Service		440	659	474	