

SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES

As of Date: December 31, 2003

INDEX

<u>SUBJECT</u>	<u>PAGE</u>
SAR Narrative Highlights	1
Program Acquisition Cost	6
Distribution of Cost Changes - Base-Year Dollars	8
Distribution of Cost Changes - Then-Year Dollars	10
Program Funding Status	12

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**Department of Defense
OUSD(AT&L) AR&A/AM
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SELECTED ACQUISITION REPORTS (SARs) - HIGHLIGHTS

(As of December 31, 2003)

The Department of Defense has released details on major defense acquisition program cost and schedule changes since the September 2003 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the December 31, 2003 reporting period.

SARs summarize the latest estimates of cost, schedule, and technical status. These reports are prepared annually in conjunction with the President's budget. Subsequent quarterly exception reports are required only for those programs experiencing unit cost increases of at least 15 percent or schedule delays of at least six months. Quarterly SARs are also submitted for initial reports, final reports, and for programs that are rebaselined at major milestone decisions.

The total program cost estimates provided in the SARs include research and development, procurement, military construction, and acquisition-related operation and maintenance (except for pre-Milestone B programs which are limited to development costs pursuant to 10 USC §2432). Total program costs reflect actual costs to date as well as future anticipated costs. All estimates include anticipated inflation allowances.

The current estimate of program acquisition costs for programs covered by SARs for the prior reporting period (September 2003) was \$1,246,878.1 million. After adding the costs for a new program, Warfighter Information Network-Tactical (WIN-T), and subtracting the costs for a final report on Global Combat Support System Army (GCSS Army) in September 2003, the adjusted current estimate of program acquisition costs was \$1,257,229.2 million.

For the December 2003 reporting period, there was a net cost increase of \$73,090.4 million or +5.8 percent for those programs that have reported previously, excluding costs for the programs submitting initial SARs. For this submission, the initial SAR programs are Cobra Judy Replacement, Multi-Platform Radar Technology Insertion Program (MP-RTIP), and Small Diameter Bomb (SDB).

	Current Estimate (\$ in Millions)
September 2003 (77 programs)	\$ 1,246,878.1
Plus one new program (WIN-T)	+ 12,040.5
Less final report on GCSS Army program	-1,689.4
September 2003 Adjusted (77 programs)	\$ 1,257,229.2

Changes Since Last Report:

Economic	\$ +7,398.0
Quantity	+8,435.8
Schedule	+14,030.1
Engineering	+4,610.2
Estimating	+31,327.2
Other	+0.0
Support	<u>+7,289.1</u>
Net Cost Change	\$ +73,090.4

Plus EA-18G development costs not previously reported +1,707.6
(EA-18G is submitting a separate initial SAR. Procurement costs were previously reported in the F/A-18E/F SAR, but development costs for the EA-18G are being reported for the first time.)

December 2003 (78 programs) \$1,332,027.2

For the December 2003 reporting period, there was a net cost increase of \$73 billion or +5.8 percent for programs that have reported previously, excluding costs for the aforementioned programs submitting initial SARs. The net cost increase was due to higher program estimates (+\$31.3 billion), a net stretch-out of development and procurement schedules (+\$14.0 billion), a net increase of planned quantities to be purchased (+\$8.4 billion), the application of higher escalation indices (+\$7.4 billion), higher support costs related to increased quantities (+\$7.3 billion), and additional engineering changes (hardware/software) (+\$4.6 billion).

**New SARs
(As of December 31, 2003)**

The Department of Defense has submitted initial SARs for Cobra Judy Replacement, Multi-Platform Radar Technology Insertion Program (MP-RTIP), and Small Diameter Bomb (SDB). These reports do not represent cost growth. Baselines established on these programs will be the point from which future changes will be measured. The current cost estimates are provided below:

<u>Program</u>	<u>Current Estimate (\$ in Millions)</u>
Cobra Judy Replacement	\$ 1,474.5
Multi-Platform Radar Technology Insertion Program (MP-RTIP)	1,565.6
Small Diameter Bomb (SDB)	<u>1,816.5</u>
Total	\$ 4,856.6

Summary Explanations of Significant SAR Cost Changes
(As of December 31, 2003)

Army:

ATIRCM/CMWS (Advanced Threat Infrared Countermeasure/Common Missile Warning System)

– Program costs decreased \$605.4 million (-15.5%) from \$3,903.5 million to \$3,298.1 million, due primarily to a quantity reduction of 36 A-Kits from 2,704 to 2,668 A-Kits (-\$22.1 million) and associated schedule and estimating allocations* (-\$40.7 million), a revision of the learning curve assumption for A-Kit production/installation (-\$237.0 million), and a revision of the estimating methodology for Systems Engineering Program Management (-\$94.5 million). There were also decreases in the Contractor Logistics Support requirement from 17 years to 5 years (-\$72.8 million), an acceleration of the annual procurement buy profile (-\$61.4 million), and a reduction of training systems, data requirements, and simulator upgrades (-\$99.1 million).

Comanche (RAH-66) – Subsequent to the preparation of the SAR, the Department made a decision to terminate the Comanche program. While the SAR was accurate as of February 2, 2004, and supports the FY 2005 President’s budget, it is no longer applicable. An Acquisition Decision Memorandum (ADM) was signed by the Defense Acquisition Executive on February 27, 2004, authorizing termination of the Comanche program. Based on anticipated and pending events resulting from the termination activities, this will be the final SAR for this program.

Excalibur – Program costs decreased \$855.8 million (-17.8%) from \$4,798.7 million to \$3,942.9 million, due primarily to a quantity decrease of 14,925 projectiles from 76,677 to 61,752 projectiles (-\$1,057.5 million) and a one-year acceleration in the start of production from FY 2005 to FY 2006 (-\$17.4 million). The quantity decrease was partially offset by increases to fund Block 1b of the Spiral Development Program (+\$183.9 million) and the application of revised escalation indices (+\$34.5 million).

FBCB2 (Force XXI Battle Command Brigade and Below) – Program costs decreased by \$1,051.0 million (-39.9%) from \$2,632.9 million to \$1,581.9 million, due primarily to a quantity decrease of 35,411 systems from 56,465 to 21,054 systems (-\$990.5 million) and associated schedule, engineering, and estimating allocations* (+\$177.2 million). The reduction in quantity reflects the Army’s decision to implement a revised concept of operations, resulting in fewer total units required. There were also decreases to other weapon system costs, initial spares, and peculiar support that were related to the quantity reduction (-\$421.1 million). These decreases were partially offset by the purchase of additional satellite time to support Blue Force Tracking efforts (+\$77.4 million) and procurement of additional Movement Tracking System (MTS) transceivers in support of Operation Enduring Freedom and Operation Iraqi Freedom (+\$63.1 million).

FMTV (Family of Medium Tactical Vehicles) – Program costs decreased \$1,060.9 million (-5.5%) from \$19,270.1 million to \$18,209.2 million, due primarily to a reduction in hardware costs to reflect actual contract data, including the A1 Rebuy (-\$1,197.8 million) and an acceleration of the annual procurement buy profile (-\$503.4 million). These decreases were partially offset by the application of revised escalation rates (+\$607.9 million).

Joint Tactical Radio System (JTRS) Cluster 1 – Program costs increased by \$1,520.3 million (+8.0%) from \$19,002.1 million to \$20,522.4 million, due primarily to a quantity increase of 588 radio sets from 108,414 to 109,002 radio sets (+\$87.2 million), the application of revised escalation indices (+\$376.5 million), and a stretch-out of the procurement profile within the FY 2005-2025 timeframe (+\$291.1 million). There were further increases for corrections to estimated data costs (+\$453.2 million) and additional aviation platform costs to integrate JTRS Cluster 1 B-Kit technical insertions (+\$90.2 million).

Land Warrior – Program costs increased by \$9,468.8 million (+332.9%) from \$2,844.4 million to \$12,313.2 million, due primarily to a quantity increase of 43,053 systems from 15,985 to 59,038 systems (+\$2,153.4 million) along with technology refreshments and system upgrade costs associated with the increased quantity (+\$6,291.8 million). There were additional increases for initial spares, peculiar support, training, and data costs that were also related to the quantity increase (+\$757.0 million) and increased funding for Block II development requirements (predominately software and vehicle integration) (+\$214.3 million).

MCS (Maneuver Control System) – Program costs decreased by \$694.1 million (-52.0%) from \$1,335.8 million to \$641.7 million, due primarily to a quantity decrease of 3,987 units from 8,629 to 4,642 units (-\$416.3 million) and associated reductions in initial spares and other weapons system costs (-\$115.2 million). There were additional decreases in costs to reflect a change in requirements to align with the Army's directed architecture (-\$198.2 million).

Stryker – Program costs increased by \$1,479.6 million (+20.6%) from \$7,179.1 million to \$8,658.7 million, due primarily to additional military construction for four additional sites to receive Stryker Brigade Combat Teams (+\$1,018.3 million) and a revised estimate for Add-on Armor requirements from four to six brigades (+\$508.9 million). These increases were partially offset by a quantity reduction of 25 vehicles from 2,121 to 2,096 (-\$61.7 million).

Navy:

JSOW (Joint Stand-Off Weapon) – Program costs decreased \$536.0 million (-10.8%) from \$4,958.9 million to \$4,422.9 million, due primarily to a decrease in Baseline/BLU-108 variant quantities of 2,477 weapons from 14,811 to 12,334 weapons (-\$641.5 million), cost estimating model updates (-\$139.2 million), and removal of Navy warranty costs projected for FY 2004 and beyond (-\$36.8 million). These decreases were partially offset by revised estimates for Full Rate Production Lot 4 to account for pull out of Air Force in FY 2005 (+\$192.0 million).

SSN 774 (Virginia Class Submarine) – Program costs increased by \$1,423.0 million (+1.7%) from \$81,792.2 million to \$83,215.2 million, due primarily to the application of revised escalation indices (+\$2,033.1 million), restoration of the technology insertion program (+\$1,384.3 million), adjustment for labor escalation (+506.9 million), and Congressional approval of a five-ship multi-year procurement (versus budgeted seven-ship multi-year procurement) (+\$380.0 million). These increases were partially offset by decreases in pricing estimates for construction material and labor (-\$1,912.8 million), and updated multi-year procurement estimates (FY 2009-2017) based upon savings from economic order quantities (-\$1,040.0 million).

Tactical Tomahawk – Program costs increased by \$331.4 million (+11.2%) from \$2,958.9 million to \$3,290.3 million, due primarily to a quantity increase of 394 missiles from 2,396 to 2,790 missiles (+\$216.0 million) and associated support costs (+\$94.6 million).

Air Force:

EELV (Evolved Expendable Launch Vehicle) – Program costs increased \$11,550.2 million (+55.5%) from \$20,796.3 million to \$32,346.5 million, due primarily to launch services price increases resulting from a collapse in the commercial market (+\$7,522.3 million), adjustments for price inflation not previously accounted for (+\$2,821.7 million), shifts in vehicle class to increase lift capability to accommodate satellite weight growth (+\$1,060.0 million), and stretch out of annual procurement buy profile (+\$92.4 million).

DoD:

BMDs (Ballistic Missile Defense System) – Program costs increased \$3,223.8 million (+5.1%) from \$62,896.5 million to \$66,120.3 million, due primarily to the increased capability provided by Missile Defense Plan (MDP) II (+\$3,479.0 million). MDP II expands the Ground Based Interceptor (GBI) site at Ft. Greeley, Alaska, and adds GBIs; upgrades the Early Warning Radar at Thule Air Base, Greenland; increases the number of Standard Missile –3 interceptors and BMD-capable ships; adds a Theater High Altitude Area Defense (THAAD) fire unit with several missiles; adds a midcourse radar; and adds several forward-deployable radars. Offsetting this increase were a schedule reduction for moving land-, sea-, and space-based Kinetic Energy Interceptors one Block to the right and delaying the Near-Field Infrared Experiment launch 18 months (-\$182.0 million); and an economic reduction for revised escalation rates (-\$84.1 million).

JSF (Joint Strike Fighter) – Program costs increased \$45,097.9 million (+22.6%) from \$199,736.4 million to \$244,834.3 million, due primarily to revised contractor direct labor and overhead rates (+13,669.2 million), System Development and Demonstration (SDD) schedule extension for additional design maturation (\$7,495.4 million), a delay in procurement start from FY 2006 to FY 2007 and revised annual quantity profiles (+\$5,540.4 million), and learning curve impacts of revised SDD and production schedules on contractors (+\$4,374.0 million). There were further increases for the application of revised escalation indices (+\$2,456.3 million), procurement of additional Electro Optical Tracking System (EOTS) (+\$1,083.8 million), a delay in multi-year procurement from FY 2012 to FY 2014 (+\$904.7 million), and aircraft configuration updates, methodology changes, and refined definitions of support requirements (+\$7,811.1 million).

** Note: Quantity changes are estimated based on the original SAR baseline cost-quantity relationship. Cost changes since the original baseline are separately categorized as schedule, engineering, or estimating "allocations." The total impact of a quantity change is the identified "quantity" change plus all associated "allocations."*

Program Acquisition Cost Summary In Millions of Dollars

As of Date: December 31, 2003

Weapon System	Base Year	Type of Baseline	Baseline Estimate			Changes To Date			Current Estimate			Percent Cost Change		
			Cost		Quantity	Cost		Quantity	Cost		Quantity	To Date Adjust for Qty		
			Base Year \$	Current Year \$		Base Year \$	Current Year \$		Base Year \$	Current Year \$		Base Year \$	Current Year \$	
ARMY:														
ABRAMS UPGRADE	95	PdE	6,991.9	7,961.9	1,060	449.4	-167.7	95	7,441.3	7,794.2	1,155	22.9	18.9	
ATIRCM/CMWS	03	DE/PdE	2,891.4	3,361.6	3,094	-95.7	-63.5	-426	2,795.7	3,298.1	2,668	24.8	39.5	
BLACK HAWK UPGRADE	01	DE	10,663.0	14,662.0	1,221	674.4	222.5	-	11,337.4	14,884.5	1,221	6.0	1.4	
BRADLEY UPGRADE	01	PdE	3,724.2	3,859.8	926	-1,012.3	-1,148.2	-331	2,711.9	2,711.6	595	-3.6	-4.5	
CH-47F	97	DE	2,523.6	3,115.4	302	3,311.2	4,067.1	37	5,834.8	7,182.5	339	111.7	108.8	
COMANCHE	00	DE	37,936.1	48,134.3	1,213	-4,441.3	-8,815.2	-563	33,494.8	39,319.1	650	15.1	11.0	
EXCALIBUR	03	DE	3,997.7	4,798.7	76,677	-659.1	-855.8	-14,925	3,338.6	3,942.9	61,752	5.3	5.4	
FBCB2	00	DE	2,281.0	2,617.9	59,522	-776.8	-1,036.0	-38,468	1,504.2	1,581.9	21,054	1.9	0.5	
FCS	03	DE	77,800.0	92,200.0	15	-63.8	400.9	-	77,736.2	92,600.9	15	-0.1	0.4	
FMTV	96	PdE	11,594.2	18,921.3	85,488	2,736.5	-712.1	-2,303	14,330.7	18,209.2	83,185	24.6	-0.6	
GMLRS	03	PdE	9,780.2	11,848.9	140,239	237.6	400.0	-	10,017.8	12,248.9	140,239	2.4	3.4	
HIMARS	03	PdE	3,711.6	4,388.4	894	143.3	252.9	-	3,854.9	4,641.3	894	3.9	5.8	
JAVELIN	97	PdE	3,791.1	3,926.0	28,501	240.0	153.9	-5,099	4,031.1	4,079.9	23,402	6.0	5.1	
JTRS CLUSTER 1	02	DE	14,437.2	19,112.9	108,388	580.6	1,409.5	614	15,017.8	20,522.4	109,002	3.4	6.8	
LAND WARRIOR	03	DE	2,451.5	2,844.4	15,985	6,511.1	9,468.8	43,053	8,962.6	12,313.2	59,038	9.8	9.1	
LONGBOW APACHE	96	PdE	7,389.7	8,729.2	985	1,224.3	372.5	-257	8,614.0	9,101.7	728	45.9	32.8	
LONGBOW HELLFIRE	96	PdE	2,352.0	2,635.6	13,311	46.8	-126.3	-406	2,398.8	2,509.3	12,905	3.8	-2.8	
MCS	80	DE	106.9	232.1	947	206.9	409.6	3,695	313.8	641.7	4,642	-63.6	-69.2	
PATRIOT PAC-3	02	PdE	12,598.0	12,607.0	1,199	130.6	134.4	104	12,728.6	12,741.4	1,303	-1.1	-1.4	
STRYKER	04	DE/PdE	6,803.9	7,120.2	2,131	1,583.5	1,538.5	-35	8,387.4	8,658.7	2,096	24.8	23.3	
WIN-T	03	DE	9,864.9	12,040.5	1	235.8	410.3	-	10,100.7	12,450.8	1	2.4	3.4	
Subtotal			233,690.1	285,118.1		11,263.0	6,316.1		244,953.1	291,434.2		8.3	5.7	
NAVY:														
AESA (RDT&E)	00	DE	494.8	525.2	-	74.5	73.9	-	569.3	599.1	-	15.1	14.1	
AGM-88E (AARGM)	03		1,339.8	1,510.9	1,790	50.3	19.3	-	1,390.1	1,530.2	1,790	3.8	1.3	
AIM-9X	97	DE	2,464.0	3,232.9	10,049	62.9	-191.7	93	2,526.9	3,041.2	10,142	2.0	-6.5	
ASDS	03	DE	1,837.9	1,969.3	6	-9.2	-12.6	-	1,828.7	1,956.7	6	-0.5	-0.6	
CEC	02	PdE	4,123.3	4,310.7	272	126.5	116.1	7	4,249.8	4,426.8	279	2.6	1.4	
CVN 21 (RDT&E Only)	00	PE	3,159.8	3,587.6	-	144.1	18.2	-	3,303.9	3,605.8	-	4.6	0.5	
CVN-68	95	PdE	4,557.1	5,540.8	1	362.8	-29.2	-	4,919.9	5,511.6	1	8.0	-0.5	
DD(X) (RDT&E Only)	96	PE	1,754.0	2,089.0	-	7,319.4	8,224.7	1	9,073.4	10,313.7	1	134.2	122.4	
DDG 51	87	PdE	16,953.7	20,117.5	23	30,348.5	42,723.0	39	47,302.2	62,840.5	62	13.6	10.2	
E-2 ADV HAWKEYE	02	DE	12,225.0	14,982.0	75	168.9	-21.5	-	12,393.9	14,960.5	75	1.4	-0.1	
E-2C REPRODUCTION	94	PdE	2,627.7	3,187.9	36	1,229.6	1,116.6	8	3,857.3	4,304.5	44	24.2	14.3	
EA-18G	04		7,662.6	8,421.6	90	64.7	69.8	-	7,727.3	8,491.4	90	0.8	0.8	
EFV (AAAV)	93	DE	6,650.4	8,725.2	1,025	1,403.6	1,877.1	-	8,054.0	10,602.3	1,025	21.1	21.5	
F/A-18E/F	00	PdE	38,884.7	41,637.3	458	2,780.6	2,207.9	4	41,665.3	43,845.2	462	6.6	4.8	
H-1 UPGRADES	96	DE	2,792.5	3,547.5	284	2,853.0	3,279.8	-	5,645.5	6,827.3	284	102.2	92.5	
JSOW	90	DE	6,927.2	11,205.9	23,924	-3,659.8	-6,783.0	-11,590	3,267.4	4,422.9	12,334	-33.6	-44.8	
LHD 1	82	DE	2,931.8	4,451.0	3	4,407.5	5,479.1	5	7,339.3	9,930.1	8	2.5	-12.9	
LPD 17	96	DE	9,018.1	10,761.8	12	4,166.1	4,820.9	-	13,184.2	15,582.7	12	46.2	44.8	
MH-60R	93	DE	4,020.5	5,636.4	188	4,290.5	4,922.9	66	8,311.0	10,559.3	254	71.1	55.8	
MH-60S	98	PdE	5,270.1	6,093.8	237	45.3	-121.9	-	5,315.4	5,971.9	237	0.9	-2.0	
MIDS-LVT	92	DE	924.9	1,119.5	672	643.9	729.3	2,334	1,568.8	1,848.8	3,006	10.7	6.6	
NESP	90	PdE	1,876.6	2,373.7	393	-79.9	-318.0	122	1,796.7	2,055.7	515	-12.5	-20.5	
SM 2	84	DE	8,770.1	11,067.2	13,778	-95.7	-222.7	-2,113	8,674.4	10,844.5	11,665	18.6	30.7	
SSGN	02	PdE	3,869.1	4,051.9	4	-9.9	-41.7	-	3,859.2	4,010.2	4	-0.3	-1.0	
SSN 774 (VA CLASS)	95	DE	45,633.1	71,080.8	30	18,321.4	12,134.4	-	63,954.5	83,215.2	30	40.1	17.1	
T-45TS	95	PdE	5,528.1	5,599.5	176	832.0	723.5	34	6,360.1	6,323.0	210	4.2	2.1	
T-AKE	00	PdE	4,262.6	4,890.2	12	-40.9	-397.8	-1	4,221.7	4,492.4	11	7.3	0.0	
TACTICAL TOMAHAWK	99	DE	1,683.7	1,863.4	1,365	1,293.6	1,426.9	1,425	2,977.3	3,290.3	2,790	21.4	19.0	
TRIDENT II MSL	83	PdE	26,556.3	35,518.5	845	-552.3	1,800.3	-277	26,004.0	37,318.8	568	14.6	28.6	
V-22	86	DE	23,073.0	29,662.3	913	7,939.2	18,362.4	-455	31,012.2	48,024.7	458	37.1	15.8	
Subtotal			257,872.5	328,761.3		84,481.2	101,986.0		342,353.7	430,747.3		20.3	10.8	
USAF:														
AEHF	02	DE	5,279.2	5,645.3	5	-451.6	-617.7	-2	4,827.6	5,027.6	3	9.0	7.5	

Program Acquisition Cost Summary In Millions of Dollars

As of Date: December 31, 2003

Weapon System	Base Year	Type of Baseline	Baseline Estimate			Changes To Date			Current Estimate			Percent Cost Change To Date Adjust for Qty	
			Cost		Quantity	Cost		Quantity	Cost		Quantity	Base Year \$	Current Year \$
			Base Year \$	Current Year \$		Base Year \$	Current Year \$		Base Year \$	Current Year \$			
AMRAAM	92	PdE	12,278.2	13,112.4	15,450	-1,696.7	-2,351.1	-4,451	10,581.5	10,761.3	10,999	2.4	5.9
AWACS RSIP (E-3)	97	PdE	890.1	891.3	32	128.9	113.8	-	1,019.0	1,005.1	32	14.5	12.8
B-1B CMUP	03	PdE	693.3	675.4	60	-27.0	-27.7	-	666.3	647.7	60	-3.9	-4.1
C-130 AMP	00	DE	3,333.9	3,965.4	519	583.8	620.6	-29	3,917.7	4,586.0	490	21.2	20.2
C-130J	96	PdE	730.7	839.7	11	12,766.3	15,556.8	157	13,497.0	16,396.5	168	19.9	15.1
C-17A	96	PdE	41,250.9	41,811.9	210	16,335.0	18,350.6	-30	57,585.9	60,162.5	180	48.7	58.0
C-5 RERP	00	DE	8,798.0	11,093.9	126	-334.8	-901.6	-14	8,463.2	10,192.3	112	1.7	-2.8
EELV	95	DE	13,116.6	17,347.8	181	11,739.3	14,998.7	1	24,855.9	32,346.5	182	87.7	85.0
F/A-22	90	DE	60,270.0	99,109.0	648	-4,078.7	-27,415.8	-369	56,191.3	71,693.2	279	36.0	20.3
GBS	97	DE	451.4	497.1	346	236.3	191.8	731	687.7	688.9	1,077	1.5	-9.1
GLOBAL HAWK	00	DE	4,350.3	5,394.0	63	1,309.7	886.9	-12	5,660.0	6,280.9	51	45.3	32.4
JASSM	95	DE	1,749.5	2,073.3	2,469	1,562.9	1,925.2	1,897	3,312.4	3,998.5	4,366	29.1	25.0
JDAM	95	PdE	2,300.3	2,606.7	89,065	2,373.2	2,694.8	120,687	4,673.5	5,301.5	209,752	27.5	24.9
JPATS	02	PdE	4,529.0	5,041.1	783	255.9	120.6	-	4,784.9	5,161.7	783	5.7	2.4
JSTARS	98	PdE	9,932.3	9,762.1	20	32.4	-120.1	-2	9,964.7	9,642.0	18	5.2	5.3
MINUTEMAN III GRP	93	PdE	2,012.5	2,400.1	652	140.3	68.0	-	2,152.8	2,468.1	652	8.8	4.5
MINUTEMAN III PRP	94	PdE	2,086.8	2,600.8	607	-71.9	-279.9	-27	2,014.9	2,320.9	580	-0.7	-8.3
NAS	90	DE	573.3	791.1	53	475.7	611.8	39	1,049.0	1,402.9	92	32.6	28.6
NAVSTAR GPS	00	PdE	5,813.4	5,995.3	33	860.6	898.7	4	6,674.0	6,894.0	37	9.9	9.7
NPOESS	02	DE/PdE	5,538.0	6,117.6	6	362.6	263.1	-	5,900.6	6,380.7	6	6.5	4.3
SBIRS HIGH	95	DE	3,679.5	4,147.3	5	3,889.8	4,483.9	-	7,569.3	8,631.2	5	104.2	106.8
WIDEBAND GAPFILLER	01	PdE	980.4	1,042.5	3	475.8	513.3	2	1,456.2	1,555.8	5	-5.5	-7.2
Subtotal			190,637.6	242,961.1		46,867.8	30,584.7		237,505.4	273,545.8		32.7	25.6
DoD:													
BMDS (RDT&E)	02	PE	44,740.1	47,217.1	-	17,472.5	18,903.2	-	62,212.6	66,120.3	-	39.1	40.0
CHEM DEMIL	94	PdE	13,471.1	15,310.3	32,194	7,650.3	9,052.7	2	21,121.4	24,363.0	32,196	56.8	59.1
JSF (F-35)	02	DE	75,600.0	131,000.0	2,866	16,032.9	13,834.3	-409	191,632.9	244,834.3	2,457	20.3	19.1
JTRS WAVEFORM (RDT&E)	02	DE	812.9	914.4	-	72.6	67.9	-	885.5	982.3	-	8.9	7.4
Subtotal			234,624.1	294,441.8		41,228.3	41,858.1		275,852.4	336,299.9		26.3	21.6
Grand Total			916,824.3	1,151,282.3		183,840.3	180,744.9		1,100,664.6	1,332,027.2		21.2	15.0

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 2003

Weapon System	Base Year	Cost Changes Between the Baseline and Current Estimate (Base-Year Dollars)													
		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
AWACS RSIP (E-3)	97	-	-	-	22.2	-	-	-	-5.3	-	-	1.8	112.0	1.8	128.9
B-1B CMUP	03	-	-	-	-	-	-	-27.8	-27.8	-	-	0.8	0.8	-27.0	-27.0
C-130 AMP	00	11.8	-100.6	-	99.4	-	-	75.5	644.0	-	-	-62.5	-59.0	24.8	583.8
C-130J	96	-	10,530.5	-	-239.7	-	0.4	384.2	364.0	-	-	-508.5	2,111.1	-124.3	12,766.3
C-17A	96	-	-2,512.0	-	983.4	56.8	371.9	-103.9	13,073.7	-	411.0	-346.9	4,007.0	-394.0	16,335.0
C-5 RERP	00	-	-477.2	-	-	-72.4	-72.4	-1.1	50.0	-	-	-18.0	164.8	-91.5	-334.8
EELV	95	-	126.9	-	-	-	25.0	8,433.6	11,575.4	-	12.0	-	-	8,433.6	11,739.3
F/A-22	90	54.9	-18,945.7	-	1,853.3	-	2,558.3	-53.4	12,862.2	-	-	-35.4	-2,406.8	-33.9	-4,078.7
GBS	97	-	225.9	-	36.2	-	28.4	-1.5	-56.2	-	-	-	2.0	-1.5	236.3
GLOBAL HAWK	00	-	-454.0	52.7	-681.9	315.0	2,475.4	30.5	-77.7	-	-	12.0	47.9	410.2	1,309.7
JASSM	95	-29.5	815.6	-1.7	176.2	-	304.7	-2.7	233.8	-	-	-6.4	32.6	-40.3	1,562.9
JDAM	95	-308.4	1,365.8	-	-	-	-	-54.1	980.8	-	-	1.0	26.6	-361.5	2,373.2
JPATS	02	-	-	-	-	-	7.0	204.5	298.7	-	-	-138.3	-49.8	66.2	255.9
JSTARS	98	-	-463.6	-	-7.9	-	562.8	-76.4	-370.4	-	-	68.1	311.5	-8.3	32.4
MINUTEMAN III GRP	93	18.2	-34.1	-	0.4	-	-	-48.2	158.6	-	-	12.8	15.4	-17.2	140.3
MINUTEMAN III PRP	94	-55.4	-57.0	0.8	-14.7	21.3	21.3	77.6	-0.9	-	-	0.8	-20.6	45.1	-71.9
NAS	90	-	217.8	0.2	52.6	0.4	104.2	23.2	-18.2	-	-	-51.9	119.3	-28.1	475.7
NAVSTAR GPS	00	-	260.5	-	-	72.8	536.2	-25.6	-87.7	-	-	0.8	151.6	48.0	860.6
NPOESS	02	-	-	233.6	228.3	-	-	-409.5	134.3	-	-	-	-	-175.9	362.6
SBIRS HIGH	95	-	27.2	-	301.5	-	701.7	32.9	2,774.3	-	-	1.2	85.1	34.1	3,889.8
WIDEBAND GAFILLER	01	-	560.5	-	-	-	59.7	12.7	-125.1	-	-	-	-19.3	12.7	475.8
Subtotal		-319.2	-11,703.3	285.6	3,699.7	407.7	8,358.0	8,612.2	41,454.3	-	423.0	-1,068.1	4,636.1	7,918.2	46,867.8
DoD:															
BMDS (RDT&E)	02	-	-	-169.6	-169.6	3,403.1	18,423.6	-150.9	-781.5	-	-	-	-	3,082.6	17,472.5
CHEM DEMIL	94	-	-	246.5	3,361.4	-	-	189.6	4,281.3	-	7.6	-	-	436.1	7,650.3
JSF (F-35)	02	-	-16,249.1	8,023.7	8,023.7	1,911.8	4,370.1	14,823.1	17,152.9	-	-	5,330.4	2,735.3	30,089.0	16,032.9
JTRS WAVEFORM (RDT&E)	02	-	-	-	-	39.3	73.4	49.9	-0.8	-	-	-	-	89.2	72.6
Subtotal		-	-16,249.1	8,100.6	11,215.5	5,354.2	22,867.1	14,911.7	20,651.9	-	7.6	5,330.4	2,735.3	33,696.9	41,228.3
Grand Total		6,126.8	-9,043.0	8,486.2	16,927.5	4,099.7	47,859.7	24,005.0	116,758.2	-	761.6	4,942.6	10,576.3	47,660.3	183,840.3

Distribution of Cost Changes (Then-Year Dollars)

As Of Date: December 31, 2003

Weapon System	Cost Changes Between the Baseline and Current Estimate (Current-Year Dollars)															
	Economic		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
AWACS RSIP (E-3)	-0.1	-23.3	-	-	-	24.9	-	-	-	-8.8	-	-	1.9	121.0	1.8	113.8
B-1B CMUP	-0.2	-0.2	-	-	-	-	-	-	-28.3	-28.3	-	-	0.8	0.8	-27.7	-27.7
C-130 AMP	10.0	-398.3	15.5	-151.5	0.3	178.1	-	-	92.2	1,064.5	-	-	-75.9	-72.2	42.1	620.6
C-130J	44.2	-339.8	-	13,411.0	-	-377.3	-	0.4	517.8	335.1	-	-	-666.8	2,527.4	-104.8	15,556.8
C-17A	111.3	-1,583.2	-	-3,725.7	-	4,237.4	47.8	382.5	-56.6	13,305.9	-	412.0	-281.4	5,321.7	-178.9	18,350.6
C-5 RERP	48.7	-473.9	-	-607.4	-	-	-79.8	-79.8	-6.1	58.6	-	-	-27.6	200.9	-64.8	-901.6
EELV	21.0	-865.8	-	141.1	92.4	431.1	-	28.2	11,436.8	15,250.9	-	13.2	-	-	11,550.2	14,998.7
F/A-22	-29.8	-9,288.1	86.9	-39,530.4	-29.2	6,612.2	-	3,409.9	-37.0	16,782.6	-	-	-83.0	-5,402.0	-92.1	-27,415.8
GBS	0.5	-21.0	4.1	260.5	-10.7	30.2	-0.6	29.1	-44.1	-109.8	-	-	-	2.8	-50.8	191.8
GLOBAL HAWK	-7.8	-224.7	-	-650.5	70.1	-1,007.9	359.6	2,827.7	30.0	-99.4	-	-	14.1	41.7	466.0	886.9
JASSM	-2.0	-114.8	-41.9	1,126.7	6.0	223.2	-	382.3	-6.3	263.6	-	-	-8.1	44.2	-52.3	1,925.2
JDAM	-19.5	-37.2	-385.1	1,637.4	17.6	-72.9	-	-	-68.0	1,135.1	-	-	1.1	32.4	-453.9	2,694.8
JPATS	10.3	-144.6	-	-	-1.8	40.9	-	8.0	238.1	301.4	-	-	-185.3	-85.1	61.3	120.6
JSTARS	-0.7	-41.6	-	-606.7	-	-10.7	-	645.9	-81.0	-419.4	-	-	71.5	312.4	-10.2	-120.1
MINUTEMAN III GRP	-7.0	-6.4	22.7	-37.6	0.2	0.3	-	-	-59.2	92.5	-	-	16.6	19.2	-26.7	68.0
MINUTEMAN III PRP	-8.3	-38.2	-69.0	-71.1	3.1	-17.9	25.5	25.5	90.7	-155.0	-	-	0.8	-23.2	42.8	-279.9
NAS	-14.5	-94.1	-1.1	299.4	15.8	140.1	0.4	142.8	23.5	-48.3	-	-	-78.5	171.9	-54.4	611.8
NAVSTAR GPS	-15.6	-72.6	-	288.4	-	-	78.7	583.9	-27.3	-58.8	-	-	0.9	157.8	36.7	898.7
NPOESS	-3.7	-80.9	-	-	270.2	270.2	-	-	-471.6	73.8	-	-	-	-	-205.1	263.1
SBIRS HIGH	-16.5	-252.8	-	27.4	-	420.9	-	829.9	40.0	3,357.5	-	-	1.4	101.0	24.9	4,483.9
WIDEBAND GAPFILLER	-3.2	-19.2	-	634.2	-	-	-	63.2	14.9	-143.6	-	-	-	-21.3	11.7	513.3
Subtotal	109.7	-14,671.4	-387.3	-31,474.5	437.0	12,984.5	449.8	10,143.4	11,756.2	49,681.4	-	425.2	-1,295.0	3,496.1	11,070.4	30,584.7
DoD:																
BMDS (RDT&E)	-84.1	-520.3	-	-	-182.0	-182.0	3,651.9	20,473.8	-162.0	-868.3	-	-	-	-	3,223.8	18,903.2
CHEM DEMIL	-4.5	-502.7	-	-	409.5	4,285.1	-	-	137.4	5,261.6	-	8.7	-	-	542.4	9,052.7
JSF (F-35)	2,454.0	-5,498.6	-	-25,434.9	13,035.8	15,698.7	2,553.1	5,233.7	19,243.9	19,697.8	-	-	7,811.1	4,137.6	45,097.9	13,834.3
JTRS WAVEFORM (RDT&E)	-70.7	-6.3	-	-	-	-	41.5	78.5	66.8	-4.3	-	-	-	-	37.6	67.9
Subtotal	2,294.7	-6,527.9	-	-25,434.9	13,263.3	19,801.8	6,246.5	25,786.0	19,286.1	24,086.8	-	8.7	7,811.1	4,137.6	48,901.7	41,858.1
Grand Total	7,398.0	-58,814.9	8,435.8	-17,043.7	14,030.1	40,589.6	4,610.2	57,192.9	31,327.2	143,431.9	-	840.9	7,289.1	14,548.2	73,090.4	180,744.9

Program Funding Status (Dollars in Millions)
As of Date: December 31, 2003

Weapon System	Prior Years	FY2004 Budget	FY2005 Budget	Balance of Program	Total
ARMY:					
ABRAMS UPGRADE	7,296.4	188.8	303.6	5.4	7,794.2
ATIRCM/CMWS	589.5	86.4	86.3	2,535.9	3,298.1
BLACK HAWK UPGRADE	193.0	157.9	136.1	14,397.5	14,884.5
BRADLEY UPGRADE	2,578.1	89.5	44.0	-	2,711.6
CH-47F	527.3	352.4	349.6	5,953.2	7,182.5
COMANCHE	6,873.6	1,068.0	1,241.7	30,135.8	39,319.1
EXCALIBUR	221.4	116.2	143.3	3,462.0	3,942.9
FBCB2	887.0	133.6	158.6	402.7	1,581.9
FCS	157.0	1,683.6	3,198.1	87,562.2	92,600.9
FMTV	4,004.2	349.0	508.6	13,347.4	18,209.2
GMLRS	310.3	161.9	194.2	11,582.5	12,248.9
HIMARS	305.5	151.3	183.8	4,000.7	4,641.3
JAVELIN	3,697.6	143.9	122.4	116.0	4,079.9
JTRS CLUSTER 1	192.5	220.5	321.4	19,788.0	20,522.4
LAND WARRIOR	378.1	81.0	100.9	11,753.2	12,313.2
LONGBOW APACHE	6,911.5	749.5	490.0	950.7	9,101.7
LONGBOW HELLFIRE	2,465.2	26.0	15.6	2.5	2,509.3
MCS	301.2	81.9	55.9	202.7	641.7
PATRIOT PAC-3	7,898.3	972.8	631.2	3,239.1	12,741.4
STRYKER	3,156.4	1,328.7	1,263.3	2,910.3	8,658.7
WIN-T	61.0	81.4	99.6	12,208.8	12,450.8
Subtotal	49,005.1	8,224.3	9,648.2	224,556.6	291,434.2
NAVY:					
AESA (RDT&E)	322.4	108.2	90.3	78.2	599.1
AGM-88E (AARGM)	254.8	31.2	61.4	1,182.8	1,530.2
AIM-9X	757.2	85.1	101.1	2,097.8	3,041.2
ASDS	528.1	52.7	45.7	1,330.2	1,956.7
CEC	2,447.6	199.5	186.0	1,593.7	4,426.8
CVN 21 (RDT&E Only)	1,137.7	316.8	327.3	1,824.0	3,605.8
CVN-68	5,298.5	28.3	40.5	144.3	5,511.6
DD(X) (RDT&E Only)	2,497.2	1,059.1	1,450.6	5,306.8	10,313.7
DDG 51	53,701.3	3,549.1	3,834.1	1,756.0	62,840.5
E-2 ADV HAWKEYE	181.2	343.3	597.0	13,839.0	14,960.5
E-2C REPRODUCTION	3,335.5	249.1	255.2	464.7	4,304.5
EA-18G	-	215.4	365.7	7,910.3	8,491.4
EFV (AAAV)	1,093.3	335.1	304.7	8,869.2	10,602.3
F/A-18E/F	25,342.4	3,141.6	3,011.0	12,350.2	43,845.2
H-1 UPGRADES	983.9	415.7	341.3	5,086.4	6,827.3
JSOW	1,787.2	201.6	149.0	2,285.1	4,422.9
LHD 1	9,137.9	353.6	246.1	192.5	9,930.1
LPD 17	5,554.9	1,647.8	1,318.7	7,061.3	15,582.7
MH-60R	1,552.4	511.3	533.2	7,962.4	10,559.3
MH-60S	1,709.5	486.6	500.6	3,275.2	5,971.9
MIDS-LVT	1,236.1	126.7	117.2	368.8	1,848.8
NESP	1,825.9	99.5	52.2	78.1	2,055.7
SM 2	8,806.1	168.1	182.5	1,687.8	10,844.5
SSGN	1,661.7	1,230.0	662.9	455.6	4,010.2
SSN 774 (VA CLASS)	16,909.0	2,859.9	2,756.6	60,689.7	83,215.2
T-45TS	5,499.5	347.1	257.5	218.9	6,323.0
T-AKE	1,619.7	723.9	792.0	1,356.8	4,492.4
TACTICAL TOMAHAWK	1,071.2	372.4	256.2	1,590.5	3,290.3
TRIDENT II MSL	25,932.0	645.4	768.6	9,972.8	37,318.8
V-22	14,647.8	1,820.8	1,921.1	29,635.0	48,024.7
Subtotal	196,832.0	21,724.9	21,526.3	190,664.1	430,747.3
USAF:					
AEHF	1,792.2	827.3	793.6	1,614.5	5,027.6

Program Funding Status (Dollars in Millions)
As of Date: December 31, 2003

Weapon System	Prior Years	FY2004 Budget	FY2005 Budget	Balance of Program	Total
AMRAAM	9,310.3	183.5	184.1	1,083.4	10,761.3
AWACS RSIP (E-3)	976.6	21.9	6.6	-	1,005.1
B-1B CMUP	603.9	37.0	6.8	-	647.7
C-130 AMP	310.0	166.9	231.7	3,877.4	4,586.0
C-130J	3,095.9	498.8	1,005.0	11,796.8	16,396.5
C-17A	42,452.9	3,540.2	4,199.7	9,969.7	60,162.5
C-5 RERP	336.9	290.5	416.4	9,148.5	10,192.3
EELV	2,545.9	1,020.3	1,043.0	27,737.3	32,346.5
F/A-22	36,215.0	5,107.0	4,796.8	25,574.4	71,693.2
GBS	407.1	84.4	66.9	130.5	688.9
GLOBAL HAWK	1,050.5	627.1	706.3	3,897.0	6,280.9
JASSM	1,004.9	145.8	218.1	2,629.7	3,998.5
JDAM	2,574.7	717.8	672.9	1,336.1	5,301.5
JPATS	1,559.0	311.2	325.7	2,965.8	5,161.7
JSTARS	8,923.8	104.4	142.7	471.1	9,642.0
MINUTEMAN III GRP	1,656.6	213.7	207.4	390.4	2,468.1
MINUTEMAN III PRP	1,144.5	297.1	295.0	584.3	2,320.9
NAS	488.6	62.7	83.8	767.8	1,402.9
NAVSTAR GPS	3,960.5	524.4	607.5	1,801.6	6,894.0
NPOESS	1,310.4	538.5	615.3	3,916.5	6,380.7
SBIRS HIGH	3,729.0	765.9	572.9	3,563.4	8,631.2
WIDEBAND GAPFILLER	748.7	34.2	93.5	679.4	1,555.8
Subtotal	126,197.9	16,120.6	17,291.7	113,935.6	273,545.8
DoD:					
BMDS (RDT&E)	13,073.3	7,625.5	9,146.7	36,274.8	66,120.3
CHEM DEMIL	11,400.5	1,620.1	1,453.9	9,888.5	24,363.0
JSF (F-35)	9,679.5	4,818.0	5,339.1	224,997.7	244,834.3
JTRS WAVEFORM (RDT&E)	273.3	133.3	121.4	454.3	982.3
Subtotal	34,426.6	14,196.9	16,061.1	271,615.3	336,299.9
Grand Total	406,461.6	60,266.7	64,527.3	800,771.6	1,332,027.2