

**SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES**

**As of Date: September 30, 2002**

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**UNCLASSIFIED**

**Department of Defense  
OUSD(AT&L) AR&A/AM  
November 1, 2002**

## SELECTED ACQUISITION REPORTS (SARs) - HIGHLIGHTS

(As of September 30, 2002)

The Department of Defense has released details on major defense acquisition program cost and schedule changes since the June 2002 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the September 30, 2002 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 (June 2002) was \$1,118,668.7 million. After subtracting the completed Legacy portion of NAVSTAR Global Positioning System (GPS), the adjusted current estimate of program acquisition costs was \$1,110,336.3 million. There was a net cost increase of \$1,383.2 million or 0.1 percent during the current reporting period (September 2002). This increase was due primarily to higher EELV launch service costs resulting from payload weight growth and revised life cycle cost estimates for NPOESS. The cost changes between June 2002 and September 2002 are summarized below:

	Current Estimate (\$ in Millions)
<b>June 2002 (70 programs)</b>	<b>\$ 1,118,668.7</b>
Less completed Legacy portion of NAVSTAR GPS	-8,332.4
<b>June 2002 Adjusted (70 programs)</b>	<b>\$ 1,110,336.3</b>
<b>Changes Since Last Report:</b>	
Economic	\$ 0.0
Quantity	0.0
Schedule	+80.3
Engineering	+7.5
Estimating	+1,291.0
Other	0.0
Support	<u>+4.4</u>
Net Cost Change	\$ +1,383.2

Plus initial acquisition-related operation and maintenance cost estimates for NPOESS (National Polar-Orbiting Operational Environmental Satellite System); previous reports limited to development costs per 10 USC §2432 +463.6

**September 2002 (70 programs) \$ 1,112,183.1**

For the September 2002 reporting period, there were quarterly exception SARs submitted for seven programs. The Navy's Future Aircraft Carrier (CVNX) program is reporting a schedule delay of six months or more. The Air Force's Evolved Expendable Launch Vehicle (EELV), NAVSTAR GPS, and Joint Air-to-Surface Standoff Missile (JASSM) programs are also reporting schedule delays of six months or more. Initial reports are being submitted for the Army's Joint Tactical Radio System (JTRS) Cluster 1 and JTRS Waveform programs following approval of System Development and Demonstration (Milestone B) in June 2002. Finally, the Air Force's National Polar-Orbiting Operational Environmental Satellite System (NPOESS) program is rebaselining the SAR from a Planning Estimate to a Production Estimate to reflect approval of Acquisition and Operations (Key Decision Point C) in August 2002. Details of the changes for these seven programs are as follows:

**Army:**

JTRS (Joint Tactical Radio System) Cluster 1 - An initial SAR was submitted for the JTRS Cluster 1 following approval of System Development and Demonstration (Milestone B) in June 2002.

JTRS (Joint Tactical Radio System) Waveform - An initial SAR was submitted for the JTRS Waveform following approval of System Development and Demonstration (Milestone B) in June 2002.

**Navy:**

CVNX (Future Aircraft Carrier) - The SAR was submitted to report a schedule slip of 12 months (from February 2002 to February 2003) in the Early Operational Assessment (EOA), and a slip of five months (from September 2002 to February 2003) in the start of System Development and Demonstration (Milestone B) due to a delay in the approval of the Operational Requirements Document (ORD). Validation of the ORD is in process. There were no cost changes reported.

**Air Force:**

EELV (Evolved Expendable Launch Vehicle) - The SAR was submitted to report a schedule slip of 10 months (from July 2003 to May 2004) to the planned Heavy Launch Vehicle (HLV) First Operational Flight. The delay is due to payload scheduling issues and does not represent an issue with the launch vehicles. Program costs increased \$529.4 million (+2.9 percent) from \$18,385.1 million to \$18,914.5 million, due primarily to a launch service adjustments associated with

payload weight growth. That is, several satellites that EELV will launch have experienced weight growth which will require larger launch vehicles.

JASSM (Joint Air-to-Surface Standoff Missile) - The SAR was submitted to report a schedule slip of nine months (from December 2003 to September 2004) to the estimated F-16 Required Assets Available (RAA) milestone. This delay was due to a slip in release of the software tape for the F-16 Operational Flight Profile (OFP) schedule. Program costs increased \$43.6 million (+1.4 percent) from \$3,119.6 million to \$3,163.2 million, due primarily to additional Navy funding required to integrate JASSM on the F/A-18 E/F.

NAVSTAR Global Positioning System (GPS) - The SAR was submitted to report a schedule slip of 14 months (from May 2003 to July 2004) in the first launch of the Block IIR satellite modernization (Block IIR-M). The primary causes for the delay were: (1) difficulties with signal processing discovered late in the hardware layout and testing process and (2) scale-up of the two power supply assemblies proved more time consuming than had been anticipated. Program costs decreased \$25.4 million (-0.4 percent) from \$5,962.6 million to \$5,937.2 million, due primarily to a transfer of funding from the modernized to the legacy satellite efforts.

NPOESS (National Polar-Orbiting Operational Environmental Satellite System) - The SAR was submitted to rebaseline the program from a planning to a production estimate following approval of Acquisition and Operations (A&O) Key Decision Point C on August 22, 2002. Previously, the NPOESS SAR was limited to development costs only (per 10 USC §2432). Program costs increased \$835.6 million from \$5,366.5 million to \$6,202.1 million, due primarily to a revised life cycle cost estimate based on the Shared System Performance Responsibility (SSPR) contract. Adding in the \$463.6 million of acquisition-related operation and maintenance costs (not previously reported in the development-only SAR) brings the total current estimate for NPOESS to \$6,665.7 million.

Program Acquisition Cost Summary In Millions of Dollars

As of Date: September 30, 2002

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 \$	
<b>ARMY:</b>														
ABRAMS UPGRADE	95	PdE	6,991.9	7,961.9	1,060	1,468.7	1,134.2	95	8,460.6	9,096.1	1,155	13.1	6.5	
ATACMS-BAT	91	DE	3,867.7	5,287.7	32,799	1,213.8	1,227.6	-15,371	5,081.5	6,515.3	17,428	70.9	76.1	
ATIRCM/CMWS	96	DE	2,628.4	3,361.6	3,094	-356.8	-510.2	-2,016	2,271.6	2,851.4	1,078	38.9	43.1	
BLACK HAWK UPGRADE	01	DE	10,663.0	14,662.0	1,221	-253.7	-1,478.5	-	10,409.3	13,183.5	1,221	-2.4	-10.1	
BRADLEY UPGRADE	01	PdE	3,724.2	3,859.8	926	349.8	386.0	111	4,074.0	4,245.8	1,037	1.7	1.6	
CH-47F	97	DE	2,523.6	3,115.4	302	2,864.6	3,598.4	37	5,388.2	6,713.8	339	95.5	95.1	
COMANCHE	00	DE	37,936.1	48,134.3	1,213	1,240.7	-228.7	-	39,176.8	47,905.6	1,213	3.4	-0.4	
FBCB2	00	DE	2,281.0	2,617.9	59,522	154.0	199.5	-3,057	2,435.0	2,817.4	56,465	9.9	11.3	
FMTV	96	PdE	11,594.2	18,921.3	85,488	2,657.7	-846.9	-2,303	14,251.9	18,074.4	83,185	24.0	-1.4	
IAV	00	DE	6,480.8	7,120.2	2,131	-134.0	-175.8	-	6,346.8	6,944.4	2,131	-2.0	-2.3	
JAVELIN	97	PdE	3,791.1	3,926.0	28,501	337.5	293.2	-2,650	4,128.6	4,219.2	25,851	6.3	5.5	
LONGBOW APACHE	96	PdE	7,389.7	8,729.2	985	945.0	122.3	-257	8,334.7	8,851.5	728	41.2	29.2	
LONGBOW HELLFIRE	96	PdE	2,352.0	2,635.6	13,311	131.2	-11.8	-406	2,483.2	2,623.8	12,905	7.5	1.7	
MCS	80	DE	106.9	232.1	947	364.5	807.2	8,777	471.4	1,039.3	9,724	-55.5	-59.5	
MLRS UPGRADE	98	DE	3,345.5	3,900.4	44,039	6,216.0	8,498.1	96,292	9,561.5	12,398.5	140,331	81.4	83.2	
PATRIOT PAC-3	88	DE	4,798.8	6,381.6	1,254	3,817.4	5,424.2	-55	8,616.2	11,805.8	1,199	62.5	77.2	
SMART-T	99	PdE	766.5	780.4	313	-18.9	-5.9	7	747.6	774.5	320	-9.9	-8.9	
Subtotal			111,241.4	141,627.4		20,997.5	18,432.9		132,238.9	160,060.3		17.9	10.6	
<b>NAVY:</b>														
AAAV	93	DE	6,650.4	8,725.2	1,025	609.0	915.1	-	7,259.4	9,640.3	1,025	9.2	10.5	
AESA (RDT&E)	00	DE	494.8	525.2	-	-23.5	-24.9	-	471.3	500.3	-	-4.7	-4.7	
AIM-9X	97	DE	2,464.0	3,232.9	10,049	-39.5	-275.6	93	2,424.5	2,957.3	10,142	-2.1	-9.1	
AV-8B REMANUFACTURE	94	PdE	1,843.0	2,158.4	73	148.6	8.2	1	1,991.6	2,166.6	74	6.9	-0.6	
CEC	02	DE/PdE	2,462.8	2,573.1	183	1,603.8	1,655.8	89	4,066.6	4,228.9	272	47.5	38.6	
CVN 68	95	PdE	8,467.9	9,838.0	2	964.1	327.0	-	9,432.0	10,165.0	2	11.4	3.3	
CVN(X) (RDT&E)	00	PE	3,159.8	3,587.6	-	196.1	243.6	-	3,355.9	3,831.2	-	6.2	6.8	
DD(X) (RDT&E)	96	PE	1,754.0	2,089.0	-	7,559.5	8,720.7	-	9,313.5	10,809.7	-	431.0	417.5	
DDG 51	87	PdE	16,953.7	20,117.5	23	32,116.4	45,909.2	41	49,070.1	66,026.7	64	14.2	11.8	
E-2C REPRO	94	PdE	2,627.7	3,187.9	36	881.2	724.6	5	3,508.9	3,912.5	41	19.9	10.3	
F/A-18 E/F	00	PdE	43,489.6	46,825.7	548	1,800.1	1,965.4	-	45,289.7	48,791.1	548	4.0	4.1	
JSOW	90	DE	6,927.2	11,205.9	23,924	-1,904.8	-4,132.7	-4,810	5,022.4	7,073.2	19,114	-18.0	-28.2	
LHD 1	82	DE	2,931.8	4,451.0	3	4,305.5	5,320.0	5	7,237.3	9,771.0	8	1.1	-14.3	
LPD 17	96	DE	9,018.1	10,761.8	12	3,921.4	4,618.9	-	12,939.5	15,380.7	12	43.5	42.1	
MH-60R	93	DE	4,020.5	5,636.4	188	3,135.7	3,760.5	55	7,156.2	9,396.9	243	52.0	43.1	
MH-60S	98	DE	2,769.0	3,154.0	166	1,933.7	2,233.5	71	4,702.7	5,387.5	237	27.2	25.0	
MIDS-LVT	92	DE	924.9	1,119.5	672	446.5	502.2	1,990	1,371.4	1,621.7	2,662	6.4	2.1	
NESP	90	PdE	1,876.6	2,373.7	393	-129.3	-380.4	103	1,747.3	1,993.3	496	-13.7	-21.8	
SSN 774 (VA CLASS)	95	DE	45,633.1	71,080.8	30	12,836.6	2,359.3	-	58,469.7	73,440.1	30	28.1	3.3	
STD MSL 2	84	DE	8,770.1	11,067.2	13,778	-530.3	-992.2	-2,113	8,239.8	10,075.0	11,665	12.7	21.4	
T-45TS	95	PdE	5,528.1	5,599.5	176	176.1	-29.9	7	5,704.2	5,569.6	183	1.0	-1.7	
T-AKE	00	DE	4,262.6	4,890.2	12	37.6	15.4	-	4,300.2	4,905.6	12	0.9	0.3	
TACTICAL TOMAHAWK	99	DE	1,683.7	1,863.4	1,365	313.1	306.5	360	1,996.8	2,169.9	1,725	5.7	3.3	
TRIDENT II MSL	83	PdE	26,556.3	35,518.5	845	-612.6	2,025.4	-277	25,943.7	37,543.9	568	14.3	29.3	
USMC H-1 UPGRADES	96	DE	2,792.5	3,547.5	284	2,350.7	2,687.1	-	5,143.2	6,234.6	284	84.2	75.7	
V-22	86	DE	23,073.0	29,662.3	913	6,431.7	16,578.5	-455	29,504.7	46,240.8	458	30.5	11.5	
Subtotal			237,135.2	304,792.2		78,527.4	95,041.2		315,662.6	399,833.4		19.5	9.7	
<b>USAF:</b>														
AEHF	02	PE/DE	3,798.1	4,071.0	2	1,451.2	1,490.3	3	5,249.3	5,561.3	5	38.2	36.6	
AMRAAM	92	PdE	12,278.2	13,112.4	15,450	-2,005.5	-2,728.2	-4,533	10,272.7	10,384.2	10,917	-0.4	2.5	
AWACS RSIP (E-3)	97	PdE	890.1	891.3	32	126.1	115.0	-	1,016.2	1,006.3	32	14.2	12.9	
B-1 CMUP	95	DE	928.8	1,115.2	198	485.9	466.2	-78	1,414.7	1,581.4	120	87.1	75.8	
C-130 AMP	00	DE	3,333.9	3,965.4	519	435.5	611.6	-	3,769.4	4,577.0	519	13.1	15.4	
C-130J	96	PdE	730.7	839.7	11	11,890.9	14,831.5	157	12,621.6	15,671.2	168	12.1	10.0	
C-17A	96	PdE	41,250.9	41,811.9	210	14,901.0	17,186.4	-30	56,151.9	58,998.3	180	44.9	54.9	
C-5 RERP	00	DE	8,798.0	11,093.9	126	-317.2	-824.2	-14	8,480.8	10,269.7	112	1.9	-2.1	
EELV	95	DE	13,116.6	17,347.8	181	1,583.8	1,566.7	1	14,700.4	18,914.5	182	11.0	8.2	

Program Acquisition Cost Summary In Millions of Dollars

As of Date: September 30, 2002

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 \$			
F-22	90	DE	60,270.0	99,109.0	648	-6,140.8	-29,387.6	-307	54,129.2	69,721.4	341	21.4	6.3
GBS	97	PE/DE	451.4	497.1	346	147.1	148.6	402	598.5	645.7	748	1.1	-1.4
GLOBAL HAWK	00	DE	4,350.3	5,394.0	63	1,626.5	1,452.6	-12	5,976.8	6,846.6	51	53.4	44.3
JASSM	95	DE	1,749.5	2,073.3	2,469	861.1	1,089.9	1,319	2,610.6	3,163.2	3,788	15.9	12.9
JDAM	95	DE/PdE	2,580.9	3,392.3	88,126	809.8	473.1	48,623	3,390.7	3,865.4	136,749	-4.4	-15.2
JPATS	02	DE/PdE	3,086.8	4,050.6	712	1,510.5	976.1	71	4,597.3	5,026.7	783	33.8	13.5
JSTARS	98	PdE	9,932.3	9,762.1	20	1.3	-134.1	-2	9,933.6	9,628.0	18	4.9	5.2
MINUTEMAN III GRP	93	DE/PdE	1,463.6	1,636.2	652	670.2	836.7	-30	2,133.8	2,472.9	622	52.7	58.7
MINUTEMAN III PRP	94	PdE	2,086.8	2,600.8	607	-147.5	-329.3	-1	1,939.3	2,271.5	606	-7.0	-12.6
NAS	90	DE	573.3	791.1	53	257.0	321.6	37	830.3	1,112.7	90	6.3	3.2
NAVSTAR GPS	00	PdE	5,813.4	5,995.3	33	-76.3	-58.1	-	5,737.1	5,937.2	33	-1.3	-1.0
SBIRS HIGH	95	DE	3,679.5	4,147.3	5	3,658.7	4,273.6	-	7,338.2	8,420.9	5	98.0	101.7
WIDEBAND GAP FILLER	01	PdE	980.4	1,042.5	3	-137.7	-165.6	-	842.7	876.9	3	-14.0	-15.9
Subtotal			182,143.5	234,740.2		31,591.6	12,212.8		213,735.1	246,953.0		23.3	17.3
<b>DoD:</b>													
BMDS (RDT&E)	02	PE	89,480.2	47,217.1	-	-	-	-	89,480.2	47,217.1	-	-	-
CHEM DEMIL	94	PdE	13,471.1	15,310.3	15	6,823.7	8,391.7	-	20,294.8	23,702.0	15	50.7	54.8
JSF	02	PE/DE	64,659.8	121,400.0	-	12,870.8	5,058.3	2,866	177,530.6	226,458.3	2,866	7.8	2.3
JSIMS	01	DE	1,281.6	1,316.7	1	-21.7	-23.4	-	1,259.9	1,293.3	1	-1.7	-1.8
NPOESS (RDT&E)	02	PE/PdE	5,126.1	5,792.6	5	958.2	873.1	1	6,084.3	6,665.7	6	14.1	10.6
Subtotal			274,018.8	291,036.7		20,631.0	14,299.7		294,649.8	305,336.4		7.4	4.6
Grand Total			804,538.9	972,196.5		151,747.5	139,986.6		956,286.4	1,112,183.1		16.1	9.9

**Distribution of Cost Changes (Base-Year Dollars)**

**As Of Date: September 30, 2002**

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
<b>ARMY:</b>															
ABRAMS UPGRADE	95	-	488.8	-	-	-	141.0	-	655.1	-	-	-	183.8	0.0	1,468.7
ATACMS-BAT	91	-	-893.6	-	40.1	-	312.1	-	1,792.1	-	-	-	-36.9	0.0	1,213.8
ATIRCM/CMWS	96	-	-992.7	-	-161.2	-	109.2	-	708.4	-	-	-	-20.5	0.0	-356.8
BLACK HAWK UPGRADE	01	-	-	-	-243.2	-	-5.5	-	-	-	-	-	-5.0	0.0	-253.7
BRADLEY UPGRADE	01	-	282.3	-	0.1	-	12.7	-	25.0	-	-	-	29.7	0.0	349.8
CH-47F	97	-	232.1	-	2.9	-	812.7	-	1,580.9	-	-	-	236.0	0.0	2,864.6
COMANCHE	00	-	-46.3	-	200.7	-	759.2	-	760.4	-	-	-	-433.3	0.0	1,240.7
FBCB2	00	-	-64.7	-	77.4	-	105.2	-	-78.8	-	-	-	114.9	0.0	154.0
FMTV	96	-	-97.2	-	42.8	-	781.5	-	2,182.8	-	-	-	-252.2	0.0	2,657.7
IAV	00	-	-7.1	-	-	-	10.3	-	-110.5	-	-	-	-26.7	0.0	-134.0
JAVELIN	97	-	94.0	-	-	-	10.7	-	237.6	-	-	-	-4.8	0.0	337.5
LONGBOW APACHE	96	-	-1,485.2	-	-	-	1,637.1	-	587.3	-	-	-	205.8	0.0	945.0
LONGBOW HELLFIRE	96	-	-41.8	-	-1.1	-	123.2	-	48.1	-	-	-	2.8	0.0	131.2
MCS	80	-	952.1	-	-76.6	-	362.2	-	-1,018.5	-	-	-	145.3	0.0	364.5
MLRS UPGRADE	98	-	1,925.9	-	-13.2	-	-	-	3,924.6	-	-	-	378.7	0.0	6,216.0
PATRIOT PAC-3	88	-	505.1	-	-300.6	-	503.4	-	2,952.4	-	-	-	157.1	0.0	3,817.4
SMART-T	99	-	63.5	-	-	-	-29.8	-	-54.9	-	-	-	2.3	0.0	-18.9
Subtotal		-	915.2	-	-431.9	-	5,645.2	-	14,192.0	-	-	-	677.0	-	20,997.5
<b>NAVY:</b>															
AAAV	93	-	-	-	-0.6	-	373.8	-	227.2	-	-	-	8.6	0.0	609.0
AESA (RDT&E)	00	-	-	-	-	-	-	-	-23.5	-	-	-	-	0.0	-23.5
AIM-9X	97	-	12.9	-	21.3	-	134.7	-	-9.0	-	-	-	-199.4	0.0	-39.5
AV-8B REMANUFACTURE	94	-	20.5	-	23.3	-	61.1	-	-71.2	-	-	-	114.9	0.0	148.6
CEC	02	-	294.5	-	108.2	-	134.9	-	1,281.1	-	-	-	-214.9	0.0	1,603.8
CVN 68	95	-	-	-	-138.9	-	29.2	-	833.9	-	239.9	-	-	0.0	964.1
CVN(X) (RDT&E)	00	-	-	-	-	-	-	-	196.1	-	-	-	-	0.0	196.1
DD(X) (RDT&E)	96	-	-	-	-	-	4,720.9	-	2,838.6	-	-	-	-	0.0	7,559.5
DDG 51	87	-	26,032.4	-	89.1	-	1,546.8	-	4,448.1	-	-	-	-	0.0	32,116.4
E-2C REPRO	94	-	298.5	-	27.8	-	294.1	-	92.2	-	-	-	168.6	0.0	881.2
F/A-18 E/F	00	-	54.9	-	805.5	-	-	-	465.8	-	-	-	473.9	0.0	1,800.1
JSOW	90	-	-805.9	-	-	-	22.3	-	-941.9	-	-	-	-179.3	0.0	-1,904.8
LHD 1	82	-	4,225.6	-	-89.3	-	28.7	-	137.7	-	-	-	2.8	0.0	4,305.5
LPD 17	96	-	-	-	315.7	-	-	-	3,605.7	-	-	-	-	0.0	3,921.4
MH-60R	93	-	689.0	-	53.0	-	3.0	-	2,291.6	-	-	-	99.1	0.0	3,135.7
MH-60S	98	-	927.2	-	-	-	311.1	-	571.8	-	-	-	123.6	0.0	1,933.7
MIDS-LVT	92	-	364.5	-	0.2	-	-32.2	-	153.6	-	-	-	-39.6	0.0	446.5
NESP	90	-	148.6	-	15.2	-	48.1	-	-230.9	-	-	-	-110.3	0.0	-129.3
SSN 774 (VA CLASS)	95	-	-	-	88.6	-	956.0	-	11,213.3	-	216.3	-	362.4	0.0	12,836.6
STD MSL 2	84	-	-1,455.6	-	355.9	-	219.0	-	270.5	-	-	-	79.9	0.0	-530.3
T-45TS	95	-	117.6	-	-65.9	-	31.5	-	209.6	-	-	-	-116.7	0.0	176.1
T-AKE	00	-	-	-	-	-	-	-	37.6	-	-	-	-	0.0	37.6
TACTICAL TOMAHAWK	99	-	205.9	-	58.9	-	-	-	-29.4	-	-	-	77.7	0.0	313.1
TRIDENT II MSL	83	-	-3,863.2	-	-	-	-	-	2,477.0	-	-	-	773.6	0.0	-612.6
USMC H-1 UPGRADES	96	-	-	-	27.8	-	360.0	-	1,480.6	-	-	-	482.3	0.0	2,350.7
V-22	86	-	-456.2	-	-383.6	-	837.0	-	7,396.1	-	-	-	-961.6	0.0	6,431.7
Subtotal		-	26,811.2	-	1,312.2	-	10,080.0	-	38,922.2	-	456.2	-	945.6	-	78,527.4
<b>USAF:</b>															
AEHF	02	-	-	-	302.2	-	-	-	1,149.0	-	-	-	-	0.0	1,451.2
AMRAAM	92	-	-1,965.1	-	783.8	-	451.4	-	-1,245.5	-	-	-	-30.1	0.0	-2,005.5
AWACS RSIP (E-3)	97	-	-	-	22.2	-	-	-	-7.1	-	-	-	111.0	0.0	126.1
B-1 CMUP	95	-	-172.5	-	105.0	-	-10.9	-	540.3	-	18.7	-	5.3	0.0	485.9
C-130 AMP	00	-	-0.0	-	-	-	-	-	432.0	-	-	-	3.5	0.0	435.5
C-130J	96	-	10,530.5	-	-239.7	-	0.4	-	-637.3	-	-	-	2,237.0	0.0	11,890.9
C-17A	96	-	-2,512.0	-	1,016.1	-	267.0	-	11,601.4	-	411.0	-	4,117.5	0.0	14,901.0
C-5 RERP	00	-	-477.2	-	-	-	-	-	194.7	-	-	-	-34.7	0.0	-317.2
EELV	95	-	126.9	-	-	-	25.0	465.5	1,431.9	-	-	-	-	465.5	1,583.8
F-22	90	-	-15,664.2	-	1,853.3	-	1,221.5	-	8,565.4	-	-	-	-2,116.8	0.0	-6,140.8

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: September 30, 2002

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
GBS	97	-	140.6	-	24.5	-	4.3	-	-25.0	-	-	-	2.7	0.0	147.1
GLOBAL HAWK	00	-	-454.0	-	-739.6	-	2,557.1	-	240.8	-	-	-	22.2	0.0	1,626.5
JASSM	95	-	503.7	-	176.2	-	-47.4	36.3	192.6	-	-	-	36.0	36.3	861.1
JDAM	95	-	965.9	-	291.1	-	119.4	-	-535.9	-	-	-	-30.7	0.0	809.8
JPATS	02	-	347.9	-	-2.9	-	-	-	1,002.8	-	-	-	162.7	0.0	1,510.5
JSTARS	98	-	-463.6	-	-7.9	-	431.4	-	-202.9	-	-	-	244.3	0.0	1.3
MINUTEMAN III GRP	93	-	-66.6	-	82.0	-	-7.5	-	611.8	-	-	-	50.5	0.0	670.2
MINUTEMAN III PRP	94	-	-1.6	-	-15.5	-	-	-	-130.4	-	-	-	-	0.0	-147.5
NAS	90	-	208.0	-	52.4	-	32.5	-	-37.4	-	-	-	1.5	0.0	257.0
NAVSTAR GPS	00	-	-	-	-	7.5	12.6	-33.1	-41.3	-	-	4.2	-47.6	-21.4	-76.3
SBIRS HIGH	95	-	27.2	-	301.5	-	381.2	-	2,865.5	-	-	-	83.3	0.0	3,658.7
WIDEBAND GAP FILLER	01	-	-	-	-	-	-	-	-136.4	-	-	-	-1.3	0.0	-137.7
Subtotal		-	-8,926.1	-	4,004.7	7.5	5,438.0	468.7	25,829.0	-	429.7	4.2	4,816.3	480.4	31,591.6
<b>DoD:</b>															
BMDs (RDT&E)	02	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
CHEM DEMIL	94	-	-	-	3,114.9	-	-	-	3,701.2	-	7.6	-	-	0.0	6,823.7
JSF	02	-	-	-	-19.1	-	5,451.7	-	7,438.2	-	-	-	-	0.0	12,870.8
JSIMS	01	-	-	-	-	-	-	-	-21.7	-	-	-	-	0.0	-21.7
NPOESS (RDT&E)	02	-0.0	208.5	-	28.6	-	-219.0	697.3	940.1	-	-	-	-	697.3	958.2
Subtotal		-0.0	208.5	-	3,124.4	-	5,232.7	697.3	12,057.8	-	7.6	-	-	697.3	20,631.0
Grand Total		-0.0	19,008.8	-	8,009.4	7.5	26,395.9	1,166.0	91,001.0	-	893.5	4.2	6,438.9	1,177.7	151,747.5



Distribution of Cost Changes (Then-Year Dollars)

As Of Date: September 30, 2002

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
<b>ARMY:</b>																
ABRAMS UPGRADE	-	-354.2	-	578.7	-	-210.7	-	161.3	-	755.9	-	-	-	203.2	0.0	1,134.2
ATACMS-BAT	-	-414.3	-	-1,587.6	-	614.1	-	383.3	-	2,281.7	-	-	-	-49.6	0.0	1,227.6
ATIRCM/CMWS	-	-139.2	-	-1,369.1	-	-74.7	-	113.0	-	956.0	-	-	-	3.8	0.0	-510.2
BLACK HAWK UPGRADE	-	-233.2	-	-	-	-1,190.8	-	-5.6	-	-	-	-	-	-48.9	0.0	-1,478.5
BRADLEY UPGRADE	-	-32.4	-	318.6	-	0.2	-	13.5	-	44.6	-	-	-	41.5	0.0	386.0
CH-47F	-	-111.0	-	325.3	-	74.5	-	1,163.7	-	1,546.8	-	-	-	599.1	0.0	3,598.4
COMANCHE	-	-407.0	-	-37.1	-	-628.8	-	845.4	-	728.6	-	-	-	-729.8	0.0	-228.7
FBCB2	-	-27.5	-	-85.7	-	104.3	-	126.8	-	-78.7	-	-	-	160.3	0.0	199.5
FMTV	-	-3,388.5	-	-597.8	-	-433.3	-	1,048.7	-	2,937.2	-	-	-	-413.2	0.0	-846.9
IAV	-	-43.0	-	-10.3	-	-2.7	-	11.3	-	-21.2	-	-	-	-39.9	0.0	-175.8
JAVELIN	-	-68.0	-	73.2	-	-15.9	-	10.7	-	306.1	-	-	-	-12.9	0.0	293.2
LONGBOW APACHE	-	-312.6	-	-1,876.6	-	33.8	-	1,881.8	-	214.3	-	-	-	181.6	0.0	122.3
LONGBOW HELLFIRE	-	-163.8	-	-54.7	-	7.2	-	142.7	-	55.0	-	-	-	1.8	0.0	-11.8
MCS	-	-3.5	-	2,332.4	-	824.4	-	483.3	-	-3,241.7	-	-	-	412.3	0.0	807.2
MLRS UPGRADE	-	-94.9	-	2,866.2	-	121.7	-	-	-	5,155.8	-	-	-	449.3	0.0	8,498.1
PATRIOT PAC-3	-	-224.0	-	280.3	-	479.1	-	750.4	-	3,922.0	-	-	-	216.4	0.0	5,424.2
SMART-T	-	0.3	-	70.0	-	1.6	-	-31.5	-	-48.7	-	-	-	2.4	0.0	-5.9
Subtotal	-	-6,016.8	-	1,225.8	-	-296.0	-	7,098.8	-	15,443.7	-	-	-	977.4	-	18,432.9
<b>NAVY:</b>																
AAAV	-	-41.9	-	-	-	130.1	-	512.6	-	292.5	-	-	-	21.8	0.0	915.1
AESA (RDT&E)	-	0.8	-	-	-	-	-	-	-	-25.7	-	-	-	-	0.0	-24.9
AIM-9X	-	-257.1	-	19.5	-	86.3	-	170.4	-	-8.8	-	-	-	-285.9	0.0	-275.6
AV-8B REMANUFACTURE	-	-163.9	-	21.2	-	40.3	-	70.1	-	-94.3	-	-	-	134.8	0.0	8.2
CEC	-	-178.3	-	478.7	-	160.4	-	114.3	-	1,280.9	-	-	-	-200.2	0.0	1,655.8
CVN 68	-	-704.9	-	-	-	-141.4	-	-30.1	-	937.3	-	266.1	-	-	0.0	327.0
CVN(X) (RDT&E)	-	-8.5	-	-	-	-	-	-	-	252.1	-	-	-	-	0.0	243.6
DD(X) (RDT&E)	-	-104.4	-	-	-	-	-	5,471.3	-	3,353.8	-	-	-	-	0.0	8,720.7
DDG 51	-	-4,703.6	-	38,949.9	-	1,067.2	-	2,349.9	-	8,245.8	-	-	-	-	0.0	45,909.2
E-2C REPRO	-	-249.6	-	360.3	-	21.5	-	341.6	-	76.1	-	-	-	174.7	0.0	724.6
F/A-18 E/F	-	-83.7	-	55.7	-	998.0	-	-	-	507.9	-	-	-	487.5	0.0	1,965.4
JSOW	-	-448.8	-	-1,352.5	-	126.4	-	28.5	-	-2,166.8	-	-	-	-319.5	0.0	-4,132.7
LHD 1	-	-1,187.3	-	6,952.9	-	-902.5	-	40.5	-	416.4	-	-	-	-	0.0	5,320.0
LPD 17	-	-393.7	-	64.9	-	695.5	-	-	-	4,252.2	-	-	-	-	0.0	4,618.9
MH-60R	-	-564.9	-	928.0	-	436.7	-	-0.4	-	2,905.5	-	-	-	55.6	0.0	3,760.5
MH-60S	-	-73.9	-	1,156.0	-	0.9	-	358.6	-	641.5	-	-	-	150.4	0.0	2,233.5
MIDS-LVT	-	-61.3	-	469.5	-	20.6	-	-46.9	-	169.9	-	-	-	-49.6	0.0	502.2
NESP	-	-188.9	-	173.9	-	38.7	-	69.2	-	-307.6	-	-	-	-165.7	0.0	-380.4
SSN 774 (VA CLASS)	-	-13,532.0	-	-	-	1,353.1	-	1,272.3	-	12,545.6	-	280.0	-	440.3	0.0	2,359.3
STD MSL 2	-	-964.8	-	-2,767.3	-	1,598.5	-	334.9	-	789.2	-	-	-	17.3	0.0	-992.2
T-45TS	-	14.5	-	63.6	-	-151.4	-	23.5	-	181.5	-	-	-	-161.6	0.0	-29.9
T-AKE	-	-48.6	-	-	-	24.1	-	-	-	39.9	-	-	-	-	0.0	15.4
TACTICAL TOMAHAWK	-	-45.5	-	236.3	-	66.6	-	-	-	-42.6	-	-	-	91.7	0.0	306.5
TRIDENT II MSL	-	-413.1	-	-6,492.7	-	1,837.7	-	-	-	5,238.3	-	-	-	1,855.2	0.0	2,025.4
USMC H-1 UPGRADES	-	-244.4	-	-	-	118.3	-	430.7	-	1,794.2	-	-	-	588.3	0.0	2,687.1
V-22	-	-6,117.6	-	11,818.9	-	-2,783.3	-	1,288.5	-	11,487.8	-	-	-	884.2	0.0	16,578.5
Subtotal	-	-30,765.4	-	51,136.8	-	4,842.3	-	12,799.5	-	52,762.6	-	546.1	-	3,719.3	-	95,041.2
<b>USAF:</b>																
AEHF	-	-122.6	-	-	-	291.1	-	-	-	1,321.8	-	-	-	-	0.0	1,490.3
AMRAAM	-	-382.8	-	-2,977.1	-	1,770.1	-	571.9	-	-1,711.1	-	-	-	0.8	0.0	-2,728.2
AWACS RSIP (E-3)	-	-19.0	-	-	-	-	-	-	-	-10.8	-	-	-	119.9	0.0	115.0
B-1 CMUP	-	-87.9	-	-215.8	-	131.9	-	-11.1	-	621.4	-	20.7	-	7.0	0.0	466.2
C-130 AMP	-	-222.9	-	0.0	-	-	-	-	-	830.8	-	-	-	3.7	0.0	611.6
C-130J	-	-0.9	-	13,411.0	-	-372.7	-	0.4	-	-896.0	-	-	-	2,689.7	0.0	14,831.5
C-17A	-	-990.6	-	-3,725.7	-	4,390.2	-	277.6	-	11,536.1	-	412.0	-	5,286.8	0.0	17,186.4
C-5 RERP	-	-425.8	-	-607.4	-	-	-	-	-	256.5	-	-	-	-47.5	0.0	-824.2
EELV	-	-475.8	-	141.1	80.3	206.4	-	28.2	449.1	1,666.8	-	-	-	-	529.4	1,566.7
F-22	-	-9,617.8	-	-33,510.9	-	6,225.9	-	1,564.7	-	10,850.4	-	-	-	-4,899.9	0.0	-29,387.6

Distribution of Cost Changes (Then-Year Dollars)

As Of Date: September 30, 2002

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
GBS	-	-13.9	-	157.7	-	27.9	-	4.6	-	-30.5	-	-	-	2.8	0.0	148.6
GLOBAL HAWK	-	-57.3	-	-650.5	-	-1,077.1	-	2,947.0	-	267.4	-	-	-	23.1	0.0	1,452.6
JASSM	-	-60.5	-	728.8	-	215.4	-	-56.3	43.6	214.3	-	-	-	48.2	43.6	1,089.9
JDAM	-	-259.0	-	1,166.0	-	315.7	-	134.5	-	-822.3	-	-	-	-61.8	0.0	473.1
JPATS	-	-600.1	-	380.0	-	-121.3	-	-	-	1,209.9	-	-	-	107.6	0.0	976.1
JSTARS	-	-3.0	-	-606.7	-	-10.7	-	486.9	-	-244.5	-	-	-	243.9	0.0	-134.1
MINUTEMAN III GRP	-	-103.5	-	-78.3	-	198.6	-	-5.3	-	753.0	-	-	-	72.2	0.0	836.7
MINUTEMAN III PRP	-	-26.2	-	-2.1	-	-21.0	-	-	-	-280.0	-	-	-	-	0.0	-329.3
NAS	-	-63.1	-	287.2	-	120.1	-	42.1	-	-72.7	-	-	-	8.0	0.0	321.6
NAVSTAR GPS	-	-	-	-	-	-	7.5	5.6	-37.3	-6.5	-	-	4.4	-57.2	-25.4	-58.1
SBIRS HIGH	-	-131.2	-	27.4	-	372.7	-	433.3	-	3,472.9	-	-	-	98.5	0.0	4,273.6
WIDEBAND GAP FILLER	-	-6.6	-	-	-	-	-	-	-	-157.6	-	-	-	-1.4	0.0	-165.6
Subtotal	-	-13,670.5	-	-26,075.3	80.3	12,688.1	7.5	6,424.1	455.4	28,769.3	-	432.7	4.4	3,644.4	547.6	12,212.8
<b>DoD:</b>																
BMDS (RDT&E)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
CHEM DEMIL	-	-340.0	-	-	-	3,875.6	-	-	-	4,847.4	-	8.7	-	-	0.0	8,391.7
JSF	-	-6,681.8	-	-	-	-384.2	-	6,090.0	-	6,034.3	-	-	-	-	0.0	5,058.3
JSIMS	-	-0.9	-	-	-	-	-	-	-	-22.5	-	-	-	-	0.0	-23.4
NPOESS (RDT&E)	-	-318.0	0.0	235.2	-	117.4	-	-262.4	835.6	1,100.9	-	-	-	-	835.6	873.1
Subtotal	-	-7,340.7	0.0	235.2	-	3,608.8	-	5,827.6	835.6	11,960.1	-	8.7	-	-	835.6	14,299.7
Grand Total	-	-57,793.4	0.0	26,522.5	80.3	20,843.2	7.5	32,150.0	1,291.0	108,935.7	-	987.5	4.4	8,341.1	1,383.2	139,986.6

**Program Funding Status (Dollars in Millions)**  
**As of Date: September 30, 2002**

<b>Weapon System</b>	<b>Prior Years</b>	<b>FY2002 Budget</b>	<b>FY2003 Budget</b>	<b>Balance of Program</b>	<b>Total</b>
<b>ARMY:</b>					
ABRAMS UPGRADE	6,108.0	720.8	531.5	1,735.8	9,096.1
ATACMS-BAT	2,291.3	184.8	240.0	3,799.2	6,515.3
ATIRCM/CMWS	490.0	83.9	23.8	2,253.7	2,851.4
BLACK HAWK UPGRADE	38.3	57.8	99.1	12,988.3	13,183.5
BRADLEY UPGRADE	1,794.3	401.3	406.9	1,643.3	4,245.8
CH-47F	197.8	131.1	228.6	6,156.3	6,713.8
COMANCHE	5,230.2	792.1	910.2	40,973.1	47,905.6
FBCB2	510.2	131.9	132.1	2,043.2	2,817.4
FMTV	2,877.4	466.1	683.4	14,047.5	18,074.4
IAV	1,206.0	775.6	1,014.0	3,948.8	6,944.4
JAVELIN	3,051.5	417.9	254.9	494.9	4,219.2
LONGBOW APACHE	5,048.6	952.0	940.4	1,910.5	8,851.5
LONGBOW HELLFIRE	2,023.2	251.4	197.4	151.8	2,623.8
MCS	200.0	45.8	55.0	738.5	1,039.3
MLRS UPGRADE	918.6	194.3	204.2	11,081.4	12,398.5
PATRIOT PAC-3	6,062.4	889.9	682.2	4,171.3	11,805.8
SMART-T	495.5	46.0	74.1	158.9	774.5
Subtotal	38,543.3	6,542.7	6,677.8	108,296.5	160,060.3
<b>NAVY:</b>					
AAAV	532.6	260.6	315.9	8,531.2	9,640.3
AESA (RDT&E)	103.2	110.2	107.1	179.8	500.3
AIM-9X	559.6	81.6	115.8	2,200.3	2,957.3
AV-8B REMANUFACTURE	2,140.8	-	6.0	19.8	2,166.6
CEC	2,019.0	230.2	224.3	1,755.4	4,228.9
CVN 68	9,958.7	65.8	91.7	48.8	10,165.0
CVN(X) (RDT&E)	537.7	291.5	266.0	2,736.0	3,831.2
DD(X) (RDT&E)	1,111.4	513.8	960.4	8,224.1	10,809.7
DDG 51	47,058.2	3,657.0	2,863.6	12,447.9	66,026.7
E-2C REPRO	2,682.7	339.4	318.5	571.9	3,912.5
F/A-18 E/F	18,821.9	3,267.6	3,173.5	23,528.1	48,791.1
JSOW	1,571.0	55.0	212.0	5,235.2	7,073.2
LHD 1	8,637.8	266.8	253.0	613.4	9,771.0
LPD 17	3,929.8	335.4	888.8	10,226.7	15,380.7
MH-60R	1,197.5	145.3	205.2	7,848.9	9,396.9
MH-60S	1,003.3	327.7	395.4	3,661.1	5,387.5
MIDS-LVT	955.2	108.9	113.2	444.4	1,621.7
NESP	1,680.4	77.0	76.5	159.4	1,993.3
SSN 774 (VA CLASS)	11,494.3	2,731.9	2,760.3	56,453.6	73,440.1
STD MSL 2	8,451.7	182.3	169.5	1,271.5	10,075.0
T-45TS	5,143.7	191.9	234.0	-	5,569.6
T-AKE	872.6	360.8	388.8	3,283.4	4,905.6
TACTICAL TOMAHAWK	446.4	133.0	187.4	1,403.1	2,169.9
TRIDENT II MSL	24,815.1	542.1	593.2	11,593.5	37,543.9
USMC H-1 UPGRADES	583.8	170.5	241.4	5,238.9	6,234.6
V-22	11,457.3	1,645.7	1,988.2	31,149.6	46,240.8
Subtotal	167,765.7	16,092.0	17,149.7	198,826.0	399,833.4
<b>USAF:</b>					
AEHF	494.8	544.8	986.3	3,535.4	5,561.3
AMRAAM	8,927.7	208.7	186.1	1,061.7	10,384.2
AWACS RSIP (E-3)	857.7	89.5	26.2	32.9	1,006.3
B-1 CMUP	782.8	132.1	103.4	563.1	1,581.4
C-130 AMP	70.1	75.1	178.1	4,253.7	4,577.0
C-130J	2,268.9	137.5	389.5	12,875.3	15,671.2
C-17A	34,948.6	3,802.7	3,910.9	16,336.1	58,998.3
C-5 RERP	61.4	90.7	236.1	9,881.5	10,269.7
EELV	1,696.8	464.3	314.8	16,438.6	18,914.5

**Program Funding Status (Dollars in Millions)**  
**As of Date: September 30, 2002**

<b>Weapon System</b>	<b>Prior Years</b>	<b>FY2002 Budget</b>	<b>FY2003 Budget</b>	<b>Balance of Program</b>	<b>Total</b>
F-22	26,807.8	3,984.5	5,490.1	33,439.0	69,721.4
GBS	315.5	63.5	55.1	211.6	645.7
GLOBAL HAWK	153.8	312.9	523.5	5,856.4	6,846.6
JASSM	759.2	129.0	107.5	2,167.5	3,163.2
JDAM	1,183.7	295.1	654.4	1,732.2	3,865.4
JPATS	999.3	251.7	261.7	3,514.0	5,026.7
JSTARS	8,135.3	486.5	355.9	650.3	9,628.0
MINUTEMAN III GRP	1,204.8	220.6	243.3	804.2	2,472.9
MINUTEMAN III PRP	556.6	276.4	290.2	1,148.3	2,271.5
NAS	345.2	80.4	90.2	596.9	1,112.7
NAVSTAR GPS	2,869.3	397.7	572.5	2,097.7	5,937.2
SBIRS HIGH	2,352.5	595.9	855.9	4,616.6	8,420.9
WIDEBAND GAP FILLER	108.3	453.0	207.8	107.8	876.9
Subtotal	95,900.1	13,092.6	16,039.5	121,920.8	246,953.0
<b>DoD:</b>					
BMDS (RDT&E)	-	6,969.3	6,959.3	33,288.5	47,217.1
CHEM DEMIL	8,331.1	1,252.9	1,657.7	12,460.3	23,702.0
JSF	4,229.9	1,619.9	3,632.2	216,976.3	226,458.3
JSIMS	597.9	164.6	144.8	386.0	1,293.3
NPOESS (RDT&E)	547.0	270.0	519.2	5,329.5	6,665.7
Subtotal	13,705.9	10,276.7	12,913.2	268,440.6	305,336.4
Grand Total	315,915.0	46,004.0	52,780.2	697,483.9	1,112,183.1