

SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES

As of Date: December 31, 1996

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UNCLASSIFIED

**Department of Defense
Acquisition Program Integration,
OUSD(A&T) April 7, 1997**

SELECTED ACQUISITION REPORTS (SARs) - HIGHLIGHTS
(As of December 31, 1996)

The Department of Defense has released details on major defense acquisition program cost and schedule changes since the September 1996 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the December 31, 1996 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 & maintenance. Total program costs reflect actual costs to date as well as anticipated costs for future efforts. All estimates include allowances for anticipated inflation.

The current estimate of program acquisition costs for programs covered by SARs for the prior reporting period (September 1996) was \$705,214.3 million. After subtracting the costs for a terminated report (PLS) and adding the costs for a new program (JASSM), the September 1996 adjusted current estimate of program acquisition costs was \$704,762.6 million. There was a net decrease of \$2,014.9 million during the current reporting period (December 1996). The cost changes between September and December 1996 are summarized below:

	Current Estimate (\$ in Millions)
September 1996 (71 programs *)	\$ 705,214.3
Less final report on completed program, PLS	-1,235.9
Plus new program, JASSM	+784.2 **
September 1996 Adjusted (71 programs *)	\$ 704,762.6

* Excludes classified costs for the Air Force's MILSTAR program.

** Pre-Milestone II program reporting development (RDT&E) costs only, in accordance with the provisions of Section 2432, Title 10, United States Code.

Changes Since Last Report:

Economic	\$ +5,145.6
Quantity	-3,846.8
Schedule	+3,873.1
Engineering	-692.9
Estimating	-572.7
Other	0.0
Support	<u>-5,921.2</u>
Net Cost Change	\$ -2,014.9

Plus initial procurement, military construction, and acquisition related operation & maintenance estimates for AIM-9X, LPD 17, and SBIRS (previous reports were limited to development costs per 10 U.S.C. 2432) \$ +14,156.7

December 1996 (71 programs *) \$ 716,904.4

The net decrease of \$2,014.9 million or -0.3 percent during the current reporting period (December 1996) was due primarily to an overall reduction in program quantities (-\$3,846.8 million) and associated support costs (-\$5,921.2 million). In addition, engineering changes (hardware/software) and revised program cost estimates were lower by -\$692.9 million and -\$572.7 million, respectively. These decreases were partially offset by the application of higher outyear escalation rates (+\$5,145.6 million) and a net stretchout of the procurement buy schedules (+\$3,873.1 million). Details of the most significant changes are attached.

**New SARs
(As of December 31, 1996)**

The Department of Defense has submitted initial SARs for five new programs and for one program (B-2A Spirit) that was previously reporting under Special Access Required. 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>
ABL (Airborne Laser)	\$ 2,524.7 **
B-2A Spirit (Stealth Bomber)	44,754.1
C-130J Hercules (Cargo Plane)	600.5
EELV (Evolved Expendable Launch Vehicle)	1,999.0 **
JSF (Joint Strike Fighter)	23,165.9 **
USMC H-1 UPGRADE (AH-1W Attack Helicopter)	<u>3,571.3</u>
Total	\$76,615.5

* Excludes classified costs for the Air Force's MILSTAR program.

** Pre-Milestone II program reporting development (RDT&E) costs only, in accordance with the provisions of Section 2432, Title 10, United States Code.

Summary Explanations Of Significant SAR Cost Changes
(As of December 31, 1996)

Army:

ATIRCM/CMWS - Program costs decreased \$514.5 million (-15.2%) from \$3,378.2 million to \$2,863.7 million, due primarily to a quantity decrease of 396 units from 3,069 to 2,673 (-\$342.3 million) and a reduction of associated support costs (-\$66.1 million). The application of revised escalation indices (-\$71.6 million) and the deletion of development funding associated with the F-15 (-\$64.8 million) also contributed to the decrease in costs. These reductions were partially offset by a stretch in the procurement buy profile (+\$41.0 million).

BLACKHAWK (UH-60L) - Program costs decreased \$846.9 million (-17.5%) from \$4,831.4 million to \$3,984.5 million, due primarily to a decrease in aircraft procurement quantity of 101 from 648 to 547 (-\$355.1 million) and an associated estimating allocation (-\$506.2 million*).

BRADLEY FVS UPGRADE - Program costs increased \$1,538.2 million (+37.3%) from \$4,125.9 million to \$5,664.1 million, due primarily to revised estimates based on actual cost experience in the development phase (+\$593.4 million), a three-year stretch in the procurement buy profile (+\$362.5 million), and engine performance and survivability enhancement costs (+\$334.1 million).

SMART-T - Program costs decreased \$289.2 million (-29.6%) from \$978.5 million to \$689.3 million, due primarily to revised terminal costs (-\$194.6 million), and a quantity reduction of 74 units from 387 to 313 (-\$96.6 million) and associated decrease in initial spares requirements (-\$82.6 million). These decreases were partially offset by the addition of engineering changes (+\$44.8 million) and revised support costs (+\$33.0 million).

Navy:

CEC - Program costs increased \$481.3 million (+18.5%) from \$2,587.8 million to \$3,069.1 million due primarily to a quantity increase of 22 units from 94 to 116 (+\$103.1 million) and associated support costs (+\$207.6 million). Additional scope in the development program and two additional years added to the procurement program also contributed to the increase (+\$110.3 million).

CVN-77 - Program costs decreased \$1,129.5 million (-17.3%) from \$6,541.5 million to \$5,412.0 million, due primarily to a decision to use a production back-up set of reactor plant heavy equipment rather than new procurement (-\$500.0 million), correction of erroneous labor and inflation rates reported in the previous SAR (-\$404.7 million), and deletion of planned technology enhancements (-\$311.0 million). The decreases were partially offset by an increased estimate to include process and design changes that will reduce manning and maintenance costs (+\$88.8 million).

F/A-18 E/F - Program costs decreased \$1,467.1 million (-1.8%) from \$80,958.7 million to \$79,491.6 million, due primarily to a revised support estimate based on actual costs to date and the removal of Aviation Outfitting Account spares (-\$3,893.1 million). The decrease was partially offset by the application of revised escalation indices (+\$1,032.7 million) and a change in the maximum production rate from 72 to 60 per year (+\$1,389.4 million).

MIDS-LVT - Program costs increased \$634.5 million (+56.2%) from \$1,129.9 million to \$1,764.4 million, due primarily to the addition of 894 terminals (+812 F/A-18 terminals and +82 shipboard terminals) (+\$440.0 million) and revised cost estimates resulting from the increased buy (+\$126.5 million). In addition, funds were added to accelerate MIDS-LVT transition into competitive production with concurrent completion of international development (+\$66.7 million).

NEW ATTACK SUBMARINE (NSSN) - Program costs increased \$2,142.5 million (+3.3%) from \$64,891.4 million to \$67,033.9 million, due primarily to a revised procurement profile caused by a change in the acquisition strategy from single source to a teaming arrangement (+\$1,428.2 million) and a revised estimate reflecting the higher cost of teaming (+\$1,138.1 million), and the application of revised escalation rates (+\$943.1 million). The increases were partially offset by a revised initial outfitting cost estimate based on recent information from the Seawolf (SSN 21) program (-\$1,296.2 million).

T-45TS - Program costs increased \$547.0 million (+10.1%) from \$5,417.0 million to \$5,964.0 million due primarily to the development and procurement claim settlements awarded to McDonnell Douglas Aerospace (MDA) (+\$167.4 million and +\$41.6 million, respectively), an increase in the estimated MDA shutdown costs (+\$17.7 million), a quantity increase of 13 aircraft from 174 to 187 (+\$276.6 million), and increases in initial spares, logistic, and production support associated with the quantity increase (+\$68.9 million). These increases were partially offset by a reduction in training equipment estimates for T-45A simulators and technical support (-\$37.0 million).

V-22 - Program costs decreased \$1,071.7 million (-2.3%) from \$46,599.7 million to \$45,528.0 million, due primarily to an accelerated production schedule which ramps to 24 MV-22 aircraft in FY 2003 and V-22 production ending in FY 2018 vice FY 2021 (-\$1,669.7 million), and a decrease in support requirements (-\$1,090.7 million). These decreases were partially offset by the application of revised escalation rates (+\$1,558.0 million) and excess advanced procurement funds and other estimating changes (+\$130.7 million).

Air Force:

SBIRS - Development program costs increased \$469.3 million (+18.2%) from \$2,576.8 million to \$3,046.1 million, due primarily to the additional costs required to complete development of the program (+\$1,096.1 million) and realignment of funds to support the Miniature Sensor Technology Integration launch (+\$2.9 million). These increases were partially offset by the application of revised escalation indices (\$-13.8 million) and the direction to use missile procurement funds in lieu of research and development funds to buy Geosynchronous Earth Orbits G4 and G5 (-\$617.0 million). Previously, the SBIRS SAR reflected only research and development costs; procurement was added to the program in this SAR as a result of Milestone II approval.

TITAN IV - Program costs decreased \$2,381.4 million (-10.1%) from to \$23,562.2 million to \$21,180.8 million, due primarily to the decrease from 46 to 41 vehicles (-\$1,190.3 million), the associated reduction in launch services due to truncating the Titan launch schedule from FY 2011 to FY 2005 (-\$987.0 million), the associated reduction in program office and technical support (-\$702.9 million), the associated reduction for mission integration of non-Air Force missions (-\$233.2 million), and the associated reduction in infrastructure maintenance (-\$93.8 million). These decreases were partially offset by a revised estimate for contract close-out (+\$104.6 million) and new requirements to mitigate risk associated with future environmental compliance, vendor obsolescence, and hardware shelf life (+\$683.2 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, 1996

Weapon System	Base Year	Type of Baseline	Baseline Estimate			Changes To Date			Current Estimate			Percent Cost Change To Date Adj For Qty	
			Cost		Quantity	Cost		Quantity	Cost		Quantity	Base Year \$	Then Year \$
			Base Year \$	Then Year \$		Base Year \$	Then Year \$		Base Year \$	Then Year \$			
DSP	78	DE	4,424.6	5,547.6	19	1,637.2	3,803.1	4	6,061.8	9,350.7	23	18.8	35.3
F-22	90	DE	60,270.0	99,109.0	648	-9,098.9	-28,244.0	-208	51,171.1	70,865.0	440	2.8	-7.5
JASSM	95	PE	732.4	811.3	44	-75.6	-94.6	-	656.8	716.7	44	-10.3	-11.7
JDAM	95	DE	2,580.9	3,392.3	88,126	-501.8	-955.2	-10	2,079.1	2,437.1	88,116	-19.9	-28.5
JPATS	95	DE	2,878.9	4,050.6	712	-19.7	-395.9	-	2,859.2	3,654.7	712	-0.7	-9.8
JSIPS	86	DE	586.3	762.6	27	-54.1	-68.9	8	532.2	693.7	35	-3.3	-2.2
JSTARS	83	DE/PdE	4,728.8	6,741.9	21	1,502.5	2,773.1	-1	6,231.3	9,515.0	20	38.6	49.3
MILSTAR	90	DE	-	-	-	-	-	-	-	-	-	-	-
MINUTEMAN III GRP	93	DE	1,463.6	1,636.2	652	161.2	252.9	-	1,624.8	1,889.1	652	11.0	15.5
MINUTEMAN III PRP	94	DE	2,251.4	2,819.3	607	-176.7	-236.3	-	2,074.7	2,583.0	607	-7.8	-8.4
NAS	90	DE	573.3	791.1	53	18.3	-8.6	-	591.6	782.5	53	3.2	-1.1
NAVSTAR Satellite	79	DE	1,599.4	2,306.7	40	2,597.0	7,306.5	78	4,196.4	9,613.2	118	29.0	28.1
NAVSTAR User Eqmt	79	DE	2,554.9	4,875.8	27,339	548.2	1,632.0	166,910	3,103.1	6,507.8	194,249	34.8	44.4
SBIRS	95	PE/DE	2,981.6	3,463.6	-	390.5	376.4	5	3,372.1	3,840.0	5	13.1	10.9
SFW	79	PdE	892.4	2,087.9	5,084	3.3	-11.4	-	895.7	2,076.5	5,084	0.4	-0.5
TITAN IV	85	DE	2,150.5	2,529.2	10	13,443.0	18,651.6	31	15,593.5	21,180.8	41	235.8	429.7
Subtotal			147,936.4	201,087.1		8,574.6	3,532.6		156,511.0	204,619.7		19.6	19.2
DOD:													
CHEM DEMIL	94	DE	11,474.5	13,110.6	18	558.3	609.4	-	12,032.8	13,720.0	18	4.9	4.6
PATRIOT PAC-3	88	DE	4,798.8	6,381.6	54	774.5	1,034.2	-	5,573.3	7,415.8	54	16.1	16.2
THAAD	88	PE	3,165.2	4,323.7	-	1,578.4	2,011.9	-	4,743.6	6,335.6	-	49.9	46.5
Subtotal			19,438.5	23,815.9		2,911.2	3,655.5		22,349.7	27,471.4		15.0	15.3
Grand Total			491,560.3	684,501.0		38,805.4	32,403.4		530,365.7	716,904.4		10.1	5.1

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 1996

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
ARMY:															
ABRAMS UPGRADE	95	-	-	-	-	-	-	188.2	-235.7	-	-	273.2	-26.7	461.4	-262.4
AFATDS	96	-3.0	-3.0	-	-	-	-	16.8	22.5	-	-	-9.1	9.8	4.7	29.3
ASAS	86	-	-	-	-	-	2.2	29.4	40.3	-	-	7.9	0.4	37.3	42.9
ATACMS/APAM	91	-	364.0	-	40.9	-	64.5	-11.4	312.3	-	-	-24.3	-4.2	-35.7	777.5
ATACMS/BAT	91	-1.2	-418.3	30.9	30.6	-0.1	276.5	9.0	252.2	-	-	2.7	-2.0	41.3	139.0
ATIRCM/CMWS	96	-221.1	-221.1	-	-	-	-	-65.3	-56.7	-	-	-74.5	-72.7	-360.9	-350.5
BLACKHAWK (UH-60L)	71	-74.6	-606.2	-	-0.2	-	-0.2	-	2.4	-	-	-79.9	-583.5	-173.3	-1244.5
BRADLEY FVS UPGRADE	94	-	-	131.7	131.7	225.9	303.4	657.7	880.1	-	-	49.2	107.4	1064.5	1422.6
COMANCHE (RAH-66)	84	-	-	-	145.2	-	685.6	-16.8	2740.4	-	-	-	-	-16.8	3571.2
CRUSADER (AFAS/FARV)	95	-	-	-	-	-	-	-	-14.9	-	-	-	-	-	-14.9
CSSCS	91	2.5	10.2	-0.2	-	-	-	-7.8	-32.4	-	-	-1.0	-6.6	-6.5	-28.8
FAAD C2I	96	-	-	-	-33.2	5.2	5.2	81.3	178.4	-	-	-30.4	-39.0	56.1	111.4
FMTV	96	-	-	42.6	42.8	5.7	5.7	-111.5	56.3	-	-	23.6	-73.8	-39.6	31.0
JAVELIN	90	-71.9	-1089.5	-	97.1	21.7	46.6	-9.1	545.1	-	-	75.9	132.0	16.6	-268.7
JSTARS GSM	89	77.7	236.2	-	2.7	73.9	125.8	-81.3	-294.8	-	-	-	48.4	70.3	118.3
LONGBOW APACHE	96	-	-	-	-	-	-	-93.7	11.6	-	-	159.6	112.6	65.9	124.2
LONGBOW HELLFIRE	91	-23.1	-32.9	-1.1	-1.1	-7.1	44.0	39.1	35.2	-	-	0.6	3.9	8.4	49.1
MCS	80	-	-108.0	-	-3.6	-8.5	-0.3	0.4	-1.6	-	-	6.3	-20.1	-1.8	-133.6
SADARM	89	-	683.7	35.1	258.0	-	47.8	-0.5	402.8	-	-	-0.2	15.3	34.4	1407.6
SINCGARS	84	29.1	-414.0	7.6	49.1	-	35.0	-21.9	-729.6	-	-	5.5	-263.0	20.3	-1322.5
SMART-T	92	-67.0	-34.6	3.0	3.0	41.5	56.6	-157.8	-220.1	-	-	-47.5	-16.4	-227.8	-211.5
Subtotal		-352.6	-1633.5	249.4	763.0	358.2	1701.0	364.9	3307.9	-	-	398.9	-151.7	1018.8	3986.7
NAVY:															
AAAV	93	-	-	-	-	-	-	4.4	57.3	-	-	-	-	4.4	57.3
AIM-9X	97	-23.0	-23.0	-	-	-	-	-95.7	-78.0	-	-	-	-	-118.7	-101.0
AN/SQQ-89	85	-	-673.1	-	280.9	72.6	384.6	9.9	-65.0	-	-	9.7	-178.5	92.2	-251.1
AOE 6	86	-	-865.3	-	56.6	-	-	11.6	534.1	-	-	-	-	11.6	-274.6
AV-8B REMANUFACTURE	94	-	-16.6	-6.0	23.0	-	60.3	27.4	9.5	-	-	-102.9	40.3	-81.5	116.5
CEC	95	77.7	77.7	-	-	14.2	67.1	47.8	199.5	-	-	223.0	77.2	362.7	421.5
CVN-74/75	88	-	-	-	-124.1	-	-	11.6	734.6	-	-	-	-	11.6	610.5
CVN-76	95	-	-	-	-	-	-	-22.3	263.8	-	-	-	-	-22.3	263.8
CVN-77	95	-	-	-	68.3	-170.3	-170.3	-697.6	-40.7	-	-	-	-	-867.9	-142.7
DDG 51	87	-	21363.6	61.7	61.7	-	1293.2	-508.9	1828.9	-	-	9.3	9.2	-437.9	24556.6
E-2C REPRODUCTION	94	-3.5	-3.5	-	72.5	154.7	154.7	41.1	-72.4	-	-	48.8	118.2	241.1	269.5
F/A-18 E/F	90	-	-	402.2	278.5	-	262.4	-171.5	439.6	-	-	-2617.1	-2638.9	-2386.4	-1658.4
JSOW	90	-	964.1	-	-	-	-	-551.9	406.3	-	-	-93.0	-181.2	-644.9	1189.2
LHD 1	82	-	3395.2	-	84.1	-	9.0	-0.8	-381.5	-	-	-	2.8	-0.8	3109.6
LPD 17 (LX)	96	-	-	-	1.7	55.7	59.2	-92.7	-85.1	-	-	-	-	-37.0	-24.2
MHC 51	92	-	-	-	-	-	-	25.4	197.8	-	-	-	-0.3	25.4	197.5
MIDS-LVT	92	289.6	307.7	-	-	28.9	78.4	118.6	38.9	-	-	14.4	41.8	451.5	466.8
NESP	90	21.4	-1.8	12.0	29.2	15.8	48.1	13.3	10.6	-	-	-4.7	-73.2	57.8	12.9
NSSN	95	-	-	-	88.6	-27.7	-27.7	254.5	2077.7	-	-	-50.9	-40.2	175.9	2098.4
SH-60R (LAMPS BLKII)	93	10.7	10.7	-117.2	-117.2	31.2	63.3	396.5	373.4	-	-	-45.8	14.4	275.4	344.6
SSN 21 / AN/BSY-2	80	-	-12545.0	16.3	4385.9	13.2	141.0	7.1	775.0	-	-	22.1	-616.9	58.7	-7860.0
STD MSL 2 (BLKS I-IV)	94	-18.0	-1460.1	-53.5	342.1	-	219.0	-67.1	-122.8	-	-	-37.4	-52.9	-176.0	-1074.7
STRATEGIC SEALIFT	92	-	-238.6	137.2	137.2	-	-	29.4	-514.9	-	-	-	-	166.6	-616.3
T-45TS	95	216.1	216.1	-0.1	-4.9	1.6	17.7	238.2	198.6	-	-	32.2	-34.6	488.0	392.9
TOMAHAWK	77	21.5	2796.9	53.8	-79.9	-274.7	746.6	-62.9	-923.1	-	-	74.2	866.4	-188.1	3406.9
TRIDENT II MSL	83	-	-5526.1	-	-	-	-	2.2	-315.2	-	-	-77.4	46.8	-75.2	-5794.5
UHF FOLLOW-ON	88	-	-90.7	-	2.5	-	112.1	-1.1	54.6	-	-	-	-	-1.1	78.5
V-22	86	-	1003.9	-76.7	-73.2	-	-	79.8	3086.1	-	-	-288.7	-479.4	-285.6	3537.4
Subtotal		592.5	8692.1	429.7	5513.5	-84.8	3518.7	-953.7	8687.6	-	-	-2884.2	-3079.0	-2900.5	23332.9
USAF:															
AMRAAM	92	-38.2	-1965.1	2.0	775.1	-15.0	413.9	-130.4	-778.1	-	-	-45.8	-45.6	-227.4	-1599.8
AWACS RSIP (E-3)	89	-	-6.3	-	67.3	-	-62.0	-1.5	101.2	-	-	0.6	51.1	-0.9	151.3
B-1 CMUP-COMP UPGRAD	95	-	-	-	-	-27.6	-5.9	210.0	267.9	-	-	-3.2	1.8	179.2	263.8
B-1 CMUP-JDAM	95	-	-	-	-	-	3.5	242.1	186.7	-	-	-	3.0	242.1	193.2
C-17A	96	-	-8927.8	-	641.4	30.8	130.3	2.9	7612.8	-	342.3	-302.7	-925.5	-269.0	-1126.5
CMU	89	-	-	-	-	1.4	4.4	7.3	126.8	-	-	-1.1	32.1	7.6	163.3
DMSP	75	-	61.2	-	-	-	-30.0	2.1	83.7	-	-	-3.7	40.0	-1.6	154.9

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 1996

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
USAF:															
DSP	78	-	678.4	-	-	-	-	110.2	643.3	-	-	-3.7	315.5	106.5	1637.2
F-22	90	-708.9	-10508.3	537.6	1517.0	-245.5	-30.5	691.8	1095.7	-	-	-424.5	-1172.8	-149.5	-9098.9
JASSM	95	-	-	-	-	-	-	-56.2	-75.6	-	-	-	-	-56.2	-75.6
JDAM	95	-0.3	15.7	-	-6.9	-16.5	-16.5	-7.7	-489.4	-	-	4.8	-4.7	-19.7	-501.8
JPATS	95	-	-	-	-	-	-	-28.4	53.1	-	-	0.8	-72.8	-27.6	-19.7
JSIPS	86	12.6	-36.0	2.2	1.2	-	-3.5	14.9	-11.1	-	-	3.0	-4.7	32.7	-54.1
JSTARS	83	-	-234.2	-	376.1	-	-162.1	35.8	1339.8	-	-	-148.7	182.9	-112.9	1502.5
MILSTAR	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINUTEMAN III GRP	93	-	-	-	82.0	-	-9.0	56.7	72.0	-	-	35.1	16.2	91.8	161.2
MINUTEMAN III PRP	94	-	-	-	-	-	-	-177.8	-177.8	-	-	1.1	1.1	-176.7	-176.7
NAS	90	-	-	-	12.4	2.9	2.9	-26.8	-20.6	-	-	14.7	23.6	-9.2	18.3
NAVSTAR Satellite	79	-	1654.8	-	-0.3	-12.9	386.7	-256.2	470.9	-	-	-	84.9	-269.1	2597.0
NAVSTAR User Eqmt	79	-95.4	-253.2	47.9	131.9	38.1	16.8	-54.4	474.0	-	-	30.2	178.7	-33.6	548.2
SBIRS	95	-	-	-	-	-	-	379.6	390.5	-	-	-	-	379.6	390.5
SFW	79	-	-	-	4.0	-	-	-4.7	-0.7	-	-	-	-	-4.7	3.3
TITAN IV	85	-1567.9	2493.3	-	1930.8	19.9	-1637.2	512.9	8519.5	-	-	-227.8	2136.6	-1262.9	13443.0
Subtotal		-2398.1	-17027.5	589.7	5532.0	-224.4	-998.2	1522.2	19884.6	-	342.3	-1070.9	841.4	-1581.5	8574.6
DOD:															
CHEM DEMIL	94	-	-	40.6	315.3	-192.8	18.4	25.1	224.6	-	-	-	-	-127.1	558.3
PATRIOT PAC-3	88	-	-	-	-156.7	-	190.4	80.6	618.5	-	-	38.1	122.3	118.7	774.5
THAAD	88	-	-	98.8	646.0	31.8	430.3	154.3	506.0	-	-	-	-3.9	284.9	1578.4
Subtotal		-	-	139.4	804.6	-161.0	639.1	260.0	1349.1	-	-	38.1	118.4	276.5	2911.2
Grand Total		-2158.2	-9968.9	1408.2	12613.1	-112.0	4860.6	1193.4	33229.2	-	342.3	-3518.1	-2270.9	-3186.7	38805.4

**Distribution of Cost Changes (Then-Year Dollars)
As Of Date: December 31, 1996**

Weapon System	Cost Changes Between the Baseline and Current Estimate (Then-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
USAF:																
DSP	-5.9	-206.3	-	1365.6	-	156.6	-	-	320.5	1850.6	-	-	-11.2	636.6	303.4	3803.1
F-22	956.6	-8833.0	-920.4	-22533.7	1842.4	5618.4	-391.4	-95.5	-166.8	363.4	-	-	-548.5	-2763.6	771.9	-28244.0
JASSM	-3.3	-3.3	-	-	-	-	-	-	-64.2	-91.3	-	-	-	-	-67.5	-94.6
JDAM	-19.0	-156.1	-0.3	16.8	5.9	-2.4	-19.0	-19.0	-7.2	-769.6	-	-	6.1	-24.9	-33.5	-955.2
JPATS	41.1	-323.0	-	-	-11.9	-11.9	-	-	-31.8	36.4	-	-	-6.5	-97.4	-9.1	-395.9
JSIPS	-0.8	-3.6	19.1	-53.2	1.5	3.3	-	-4.6	23.5	-7.0	-	-	4.2	-3.8	47.5	-68.9
JSTARS	-31.1	159.6	-	-370.1	27.5	802.1	-	-361.1	63.3	2285.8	-	-	-246.6	256.8	-186.9	2773.1
MILSTAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINUTEMAN III GRP	-10.8	-19.5	-	-	20.4	155.5	-	-7.1	72.1	99.5	-	-	41.1	24.5	122.8	252.9
MINUTEMAN III PRP	-1.5	-1.5	-	-	13.0	13.0	-	-	-248.9	-248.9	-	-	1.1	1.1	-236.3	-236.3
NAS	-2.2	-52.4	-	-	-	19.8	4.7	4.7	-31.7	-11.5	-	-	19.5	30.8	-9.7	-8.6
NAVSTAR Satellite	156.2	-796.1	-	5198.7	-6.7	618.0	-35.2	600.4	-750.6	1374.5	-	-	-	311.0	-636.3	7306.5
NAVSTAR User Eqmt	-38.4	-362.5	-204.6	-367.5	134.0	606.8	83.2	36.4	-165.4	1118.0	-	-	108.4	600.8	-82.8	1632.0
SBIRS	-13.8	-118.6	-	-	-	-	-	-	483.7	495.0	-	-	-	-	469.9	376.4
SFW	-10.4	-10.4	-	-	-10.2	-1.1	-	-	-8.2	0.1	-	-	-	-	-28.8	-11.4
TITAN IV	-14.4	-1092.2	-2728.8	1469.8	-	5278.6	32.8	-2735.8	807.4	13368.7	-	-	-478.4	2362.5	-2381.4	18651.6
Subtotal	951.1	-12693.2	-3904.8	-29453.9	1972.5	18076.2	-342.1	-2075.2	587.8	28381.6	-	348.0	-1517.8	949.1	-2253.3	3532.6
DOD:																
CHEM DEMIL	185.7	-209.6	-	-	110.3	474.6	-213.9	24.8	38.2	319.6	-	-	-	-	120.3	609.4
PATRIOT PAC-3	154.7	27.6	-	-	-103.4	285.6	-	282.2	56.8	804.4	-	-536.9	54.3	171.3	162.4	1034.2
THAAD	7.2	-318.4	-	-	115.4	975.3	42.8	620.7	209.8	738.7	-	-	-	-4.4	375.2	2011.9
Subtotal	347.6	-500.4	-	-	122.3	1735.5	-171.1	927.7	304.8	1862.7	-	-536.9	54.3	166.9	657.9	3655.5
Grand Total	5145.6	-49650.6	-3846.8	-2496.9	3873.1	33512.2	-692.9	6681.8	-572.7	43342.6	-	-187.5	-5921.2	1201.8	-2014.9	32403.4

Program Funding Status (Then-Year Dollars in Millions)

As Of Date: December 31, 1996

Weapon System	Prior Years	FY 98 Budget	FY 99 Budget	Balance of Program	Total
ARMY:					
ABRAMS UPGRADE	3380.7	655.5	721.4	2524.0	7281.6
AFATDS	641.8	77.5	74.9	361.8	1156.0
ASAS	231.2	31.8	51.5	558.4	872.9
ATACMS/APAM	1973.4	98.8	103.0	225.5	2400.7
ATACMS/BAT	1107.9	287.6	290.4	3378.1	5064.0
ATIRCM/CMWS	226.5	79.6	114.1	2443.5	2863.7
BLACKHAWK (UH-60L)	3638.8	210.7	127.1	7.9	3984.5
BRADLEY FVS UPGRADE	516.6	200.3	382.7	4564.5	5664.1
COMANCHE (RAH-66)	3591.7	282.0	371.9	3689.0	7934.6
CRUSADER (AFAS/FARV)	486.3	322.3	294.4	1530.0	2633.0
CSSCS	142.5	12.0	11.9	87.7	254.1
FAAD C2I	1089.6	89.0	61.4	326.3	1566.3
FMTV	1401.0	209.5	367.9	14791.2	16769.6
JAVELIN	1625.0	193.2	422.6	1608.8	3849.6
JSTARS GSM	921.2	132.1	101.3	328.8	1483.4
LONGBOW APACHE	2334.0	-	-	6067.7	8401.7
LONGBOW HELLFIRE	861.9	264.7	344.3	1142.1	2613.0
MCS	783.5	41.3	42.2	149.2	1016.2
SADARM	521.6	90.3	98.4	2090.7	2801.0
SINCGARS	3508.7	293.6	14.9	13.9	3831.1
SMART-T	281.5	45.9	123.5	238.4	689.3
Subtotal	29265.4	3617.7	4119.8	46127.5	83130.4
NAVY:					
AAAV	117.1	60.1	106.2	650.7	934.1
AIM-9X	180.7	113.3	120.0	2818.9	3232.9
AN/SQQ-89	3755.6	31.2	53.1	301.6	4141.5
AOE 6	2381.3	8.7	24.4	10.3	2424.7
AV-8B REMANUFACTURE	892.0	320.5	359.5	625.4	2197.4
CEC	843.0	191.7	169.0	1865.4	3069.1
CVN-74/75	6968.0	6.8	46.8	-	7021.6
CVN-76	4303.5	-	-	105.8	4409.3
CVN-77	-	17.9	34.8	5359.3	5412.0
DDG 51	34014.8	2971.9	2876.8	16652.3	56515.8
E-2C REPRODUCTION	1032.0	331.2	376.9	1844.8	3584.9
F/A-18 E/F	7390.5	2528.8	3274.5	66297.8	79491.6
JSOW	779.1	154.9	286.3	8414.3	9634.6
LHD 1	7793.6	19.1	12.3	61.0	7886.0
LPD 17 (LX)	1071.1	0.5	814.2	8805.9	10691.7
MHC 51	1733.4	3.9	1.8	1.5	1740.6
MIDS-LVT	337.7	91.0	163.3	1172.4	1764.4
NESP	1282.5	64.8	124.8	767.3	2239.4
NSSN	3371.0	2996.3	2349.8	58316.8	67033.9
SH-60R (LAMPS BLKII)	425.6	72.1	218.9	4916.8	5633.4
SSN 21 / AN/BSY-2	12636.0	240.2	106.5	203.2	13185.9
STD MSL 2 (BLKS I-IV)	7878.5	185.0	122.1	1109.6	9295.2
STRATEGIC SEALIFT	4837.1	812.9	322.4	-	5972.4
T-45TS	3909.3	266.2	299.1	1489.4	5964.0
TOMAHAWK	11243.8	215.4	308.5	1496.3	13264.0
TRIDENT II MSL	23308.4	342.0	325.1	3573.1	27548.6
UHF FOLLOW-ON	1865.9	-	-	-	1865.9
V-22	6777.0	1100.0	985.2	36665.8	45528.0
Subtotal	151128.5	13146.4	13882.3	223525.7	401682.9
USAF:					
AMRAAM	8190.0	232.8	244.9	2380.6	11048.3
AWACS RSIP (E-3)	519.0	64.6	61.9	254.0	899.5
B-1 CMUP-COMP UPGRAD	87.0	105.6	143.4	341.3	677.3
B-1 CMUP-JDAM	540.0	188.7	63.2	59.2	851.1
C-17A	22881.4	2414.0	3359.0	12699.4	41353.8
CMU	1734.0	10.6	6.0	-	1750.6
DMSP	1839.6	62.7	68.0	363.0	2333.3

**Program Funding Status (Then-Year Dollars in Millions)
As Of Date: December 31, 1996**

Weapon System	Prior Years	FY 98 Budget	FY 99 Budget	Balance of Program	Total
USAF:					
DSP	8263.7	137.1	177.7	772.2	9350.7
F-22	15922.7	2152.1	2409.3	50380.9	70865.0
JASSM	188.6	212.9	153.2	162.0	716.7
JDAM	399.3	127.9	127.4	1782.5	2437.1
JPATS	321.1	131.7	154.6	3047.3	3654.7
JSIPS	502.7	60.7	46.7	83.6	693.7
JSTARS	6102.1	509.4	923.8	1979.7	9515.0
MILSTAR	-	-	-	-	-
MINUTEMAN III GRP	516.9	169.1	201.6	1001.5	1889.1
MINUTEMAN III PRP	190.2	71.0	66.0	2255.8	2583.0
NAS	101.2	36.9	97.0	547.4	782.5
NAVSTAR Satellite	3899.5	261.6	264.3	5187.8	9613.2
NAVSTAR User Eqmt	3851.1	446.4	407.4	1802.9	6507.8
SBIRS	482.3	364.8	560.6	2432.3	3840.0
SFW	898.7	173.7	146.9	857.2	2076.5
TITAN IV	14488.3	1142.9	1178.8	4370.8	21180.8
Subtotal	91919.4	9077.2	10861.7	92761.4	204619.7
DOD:					
CHEM DEMIL	4795.3	741.2	1225.8	6957.7	13720.0
PATRIOT PAC-3	3886.9	581.1	500.5	2447.3	7415.8
THAAD	3038.9	556.1	595.2	2145.4	6335.6
Subtotal	11721.1	1878.4	2321.5	11550.4	27471.4
Grand Total	284034.4	27719.7	31185.3	373965.0	716904.4