

SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES

As of Date: December 31, 1998

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UNCLASSIFIED

**Department of Defense
OUSD(A&T), Systems Acquisition
March 26, 1999**

SELECTED ACQUISITION REPORTS (SARs) - HIGHLIGHTS

(As of December 31, 1998)

The Department of Defense has released details on major defense acquisition program cost and schedule changes since the September 1998 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the December 31, 1998 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 1998) was \$679,999.3 million. After adding the costs for a new program (CH-60S) in September 1998, the adjusted current estimate of program acquisition costs was \$683,153.3 million. There was a net increase of \$15,025.0 million during the current reporting period (December 1998). The cost changes between September and December 1998 are summarized below:

	Current Estimate (\$ in Millions)
September 1998 (77 programs*)	\$ 679,999.3
Plus one new program, CH-60S	+3,154.0
September 1998 Adjusted (78 programs*)	\$ 683,153.3

* The Air Force's B-1 CMUP-Computer Upgrade, B-1 CMUP-DSUP, and B-1 CMUP-JDAM were combined into a single B-1 CMUP report so the number of DoD programs has decreased by two since the September 1998 reporting period. Also, the Air Force's MILSTAR program has classified costs and is excluded.

Changes Since Last Report:

Economic	\$ -8,130.1
Quantity	+565.9
Schedule	+3,205.9
Engineering	+7,510.1
Estimating	+13,364.9
Other	+0.0
Support	<u>-1,491.7</u>
Net Cost Change	\$ +15,025.0

Plus initial procurement cost estimates for EELV and JASSM
(previous reports were limited to development costs
per Title 10, Section 2432, United States Code) +17,106.3

December 1998 (78 programs *) **\$ 715,284.6**

For the December 1998 reporting period, there was a net increase of \$15,025.0 million or +2.2 percent. This increase was due primarily to higher program estimates (+\$13,364.9 million), additional engineering changes (hardware/software) (+\$7,510.1 million), and a net stretchout of the development and procurement schedules (+\$3,205.9 million). These overall increases were partially offset by the application of lower escalation indices (-\$8,130.1 million). Details of the most significant changes are attached.

**New SARs
(As of December 31, 1998)**

The Department of Defense has submitted an initial SAR for TACTICAL TOMAHAWK. 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>
TACTICAL TOMAHAWK	\$1,863.4

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

Summary Explanations Of Significant SAR Cost Changes

(As of December 31, 1998)

ARMY:

AFATDS (Advanced Field Artillery Tactical Data System) - Program costs increased \$135.4 million (+11.1%) from \$1,217.8 million to \$1,353.2 million, due primarily to a quantity increase of 917 units from 2,654 to 3,571 (+\$54.2 million), increased software functionality requirements (+\$47 million), and revised support costs (+\$71.3 million).

ATACMS/BAT (Army Tactical Missile System) - Program costs increased by \$1,042.1 million (+20.0%) from \$5,210.5 million to \$6,252.6 million, due primarily to a major restructuring of the program resulting in a four-year stretchout.

ATIRCM/CMWS (Advance Threat Infrared Countermeasures/Common Missile Warning System) - Program costs increased by \$532.1 million (+21.9%) from \$2,434.2 million to \$2,966.3 million, due primarily to contract cost performance problems (+\$485.5 million) and the addition of peplanned product improvement requirements (+\$138.3 million).

BLACKHAWK (UH-60L) - Program costs increased \$481.5 million (+10.6%) from \$4,529.3 million to \$5,010.8 million, due primarily to an increase in aircraft procurement quantity of 39 from 607 to 646 (+\$327.3 million) and a revision of flyaway cost for aircraft being procured in FY 1999 and beyond (+\$162.8 million).

BRADLEY UPGRADE - Program costs decreased \$1,116.0 million (-21.5%) from \$5,181.3 million to \$4,065.3 million, due primarily to a decrease in quantity of 493 from 1,602 to 1,109 (-\$1,144.4 million) and elimination of the Survivability Suite of Enhancement Systems (-\$126.0 million). The decrease was offset partially by an increased estimate due to manufacturing inefficiencies resulting from the reduced quantity (+\$168.5 million).

CSSCS (Combat Service Support Control System) - Program costs increased \$70.5 million (+21.7%) from \$324.6 million to \$395.1 million, due primarily to a quantity increase of 1,430 units from 1,651 to 3,081 (+\$39.5 million), associated schedule and estimating allocations* (+\$23 million), and additional software requirements to support digitization (+\$9.1 million).

FMTV (Family of Medium Tactical Vehicles) - Program costs increased \$2,641.4 million (+16.8%) from \$15,742.2 million to \$18,383.6 million, due primarily to increases in vehicle material and contractor overhead/burden (+\$1,021 million), the incorporation of an updated EPA-compliant engine (+\$386.6 million), a net quantity increase of 1,428 trucks from 85,488 to 86,916 (+\$352.7 million), and higher testing and government/contractor program support (+\$288.8 million). There were additional cost increases in field support costs (+\$247 million); increases in the water tanker, expansible van, and fuel tanker estimates (+\$205.3 million); and increases for higher trailer estimates based on contract award data (+\$182.6 million). Finally, cost estimates for future engineering changes were increased \$154.3 million, corrosion

prevention enhancements were made (+\$144.5 million), and anti-lock brakes were added (+\$124.7 million). These increases were partially offset by the application of revised escalation indices (-\$446.2 million).

MCS (Maneuver Control System) – Program costs increased \$629.1 million (+61.7%) from \$1,019 million to \$1,648.1 million, due primarily to a quantity increase of 5,139 units from 1,151 to 6,290 (+\$1,226.1 million) and additional support costs related to the quantity increase (+\$194.5 million). These increases were partially offset by quantity-related schedule, engineering, and estimating allocations* (-\$809 million).

MLRS UPGRADE (Multiple Launch Rocket System Upgrade) - Program costs increased \$1,033.5 million (+26.5%) from \$3,900.4 million to \$4,933.9 million, due primarily to a quantity increase of 18,984 rockets from 43,182 to 62,166 (+\$759.5 million) and the procurement of Reduced Range Practice Rockets to meet future training requirements (+\$257.5 million).

SMART-T (Secure Mobile Anti-Jam Reliable Tactical Terminal) - Program costs increased \$84.4 million (+12.4%) from \$679.8 million to \$764.2 million, due primarily to engineering changes and upgrades to SMART-T terminals (+\$98.1 million).

NAVY:

DD 21 - Program costs increased by \$1,030.7 million (47.7%) from \$2,160.4 million to \$3,191.1 million, due primarily to additional engineering requirements not previously included under the direct control of the DD 21 Program Executive Office.

JSOW (Joint Standoff Weapon) - Program costs decreased by \$1,870.8 million (-20.4%) from \$9,156.1 million to \$7,285.3 million, due primarily to the incorporation of Cost as an Independent Variable (CAIV) initiatives (-\$1,792.9 million), revised escalation indices (-\$104.7 million), reduced spares requirements (-\$104.1 million), and lower-than-expected contracting costs (-\$90.5 million). These decreases were partially offset by a stretchout of the annual procurement buy profile (+\$275.1 million).

SSN 774 (Virginia Class Submarine) - Program costs increased \$1,460.9 million (+2.3%) from \$63,692.0 million to \$65,152.9 million, due primarily to technology insertions to modernize each hull (+\$1,028.8 million), a revised estimate for research and development (+\$130.8 million), and a revised estimate for support (+\$159.7 million).

T45TS - Programs costs increased by \$1,321.7 million (+23.8%) from \$5,549.0 million to \$6,870.7 million, due primarily to a quantity increase of 47 aircraft from 187 to 234 (+\$919.9 million), a loss of savings due to Congressional cancellation of the proposed FY 1999-2004 multiyear contract (+\$86.4 million), and an increase for nonrecurring/ancillary equipment (+\$92.0 million) and logistics support requirements (+\$250.0 million) associated with the quantity increase.

TOMAHAWK TBIP (Tomahawk Baseline Improvement Program) - Program costs decreased by \$1,469.0 million (-75.8%) from \$1,939.0 million to \$470.0 million, due primarily to cancellation of the program prior to the start of production. TOMAHAWK TBIP will be replaced by a new program, TACTICAL TOMAHAWK, at a more affordable unit production cost and lower operating and support costs.

V-22 - Program costs decreased \$1,114.1 million (-3%) from \$37,334.4 million to \$36,220.3 million, due primarily to a cost reduction initiative for the flat panel display (-\$462.7 million), multiyear procurement contract savings (-\$376.8 million), and an accelerated production schedule that shortens the MV-22 aircraft buy by four years from FY 2018 to FY 2014 (-\$278.7 million). There were additional cost decreases related to engine contract savings (-\$207.7 million) and a reduction in logistics support funding (-\$444.1 million). These cost decreases were offset by the addition of a Gun & Ground Proximity Warning System (+\$374.3 million), increases to miscellaneous pricing and tooling (+\$126.4 million), and a preplanned product improvement upgrade for the CV-22 variant (+109.0 million).

AIR FORCE:

ABL (Airborne Laser) - Program costs increased \$302.1 million (+12.5%) from \$2,411.8 million to \$2,713.9 million. Congress reduced the FY 1999 ABL budget \$25 million resulting in a restructure of the Program Definition Risk Reduction phase, and a one-year delay to Engineering and Manufacturing Development (+\$364.7 million). The increase was partially offset by revised escalation indices (-\$46.5 million).

C-17A - Program costs increased \$3,727.9 million (+9.1%) from \$41,185.7 million to \$44,913.6 million, due primarily to an increase of 14 aircraft from 120 to 134 (+\$1,847.3 million) and associated schedule, engineering, and estimating allocations* (+\$1,159.4 million). There were also increases related to the low rate production impact for the additional 14 aircraft (\$+336.5 million), extension of the Flexible Sustainment contract estimate through FY 2005 (+\$690.2 million), multiyear procurement exempt from revised escalation indices (+\$272.9 million), and extension of product improvement for FY 2004–2005 (+\$182.2 million). These increases were partially offset by the application of revised escalation indices (-\$506.8 million) and a revised estimate for initial spares in FY 2004-2005 (-\$461.6 million).

C-130J HERCULES – Program costs increased \$1,660.7 million (+138.5%) from \$1,198.9 million to \$2,859.6 million, due primarily to an increase in quantity of 19 aircraft from 18 to 37 (+\$1,165.1 million) and associated support costs (+\$338.6 million).

EELV (Evolved Expendable Launch Vehicle) – Development program costs decreased \$37.0 million (-2.5%) from \$1,488.1 million to \$1,451.1 million, due primarily to the application of revised escalation indices (-\$23.4 million) and a FY 1999 Congressional funding reduction. In addition, as a result of the October 1998 Milestone II decision, procurement of \$15,896.7 million for 181 launches was added to the SAR. Previously, the EELV SAR was limited to development costs only (per Title 10, Section 2432, United States Code).

F-22 - Program costs decreased by \$1,066.4 million (-1.7%) from \$63,806.5 million to \$62,740.1 million, due primarily to revised escalation indices (-\$1,332.4 million). This decrease was offset by the addition of post-development engineering support (\$166.1 million).

JASSM – Development program costs increased \$225.6 million (+37.5%) from \$602.2 million to \$827.8 million, due primarily to the addition of funds for risk reduction activities (+\$72.2 million), a restructuring of the program because of a Congressional funding reduction (+\$60.3 million), release of DoD Joint Surface Launched Attached Missile funds to the JASSM account (+\$40.3 million), and an updated estimate in alignment with winning contractor proposal (+\$29.0 million). In addition, as a result of the November 1998 Milestone II decision, procurement of \$1,209.6 million for 2,400 weapons was added to the SAR. Previously, the JASSM SAR was limited to development costs only (per Title 10, Section 2432, United States Code

MINUTEMAN III GRP (Guidance Replacement Program) – Program costs increased by \$288.7 million (+13.7%) from \$2,114.9 million to \$2,403.6 million, due primarily to revised estimates based on lower production rates and added years (+\$270.4 million) and a four-year stretchout of the program (+\$46.5 million). These increases were partially offset by the application of revised escalation indices (-\$30.9 million).

MINUTEMAN III PRP (Propulsion Replacement Program) – Program costs decreased by \$369.6 million (-14.5%) from \$2,546.0 million to \$2,176.4 million, due primarily to savings achieved from competitive sourcing (-\$336.2 million) and the application of revised escalation indices (-\$50.0 million).

SBIRS (Spaced Based Infrared System) - Program costs increased \$623.2 million (+18.4%) from \$3,379.1 million to \$4,002.3 million, due primarily to the impact of slipping Geosynchronous Earth Orbit (GEO) Satellite 1st launch from FY 2002 to FY 2004 (+\$485.1 million) and the addition of a Block II requirement (+\$214.6 million). These increases were partially offset by the application of revised escalation indices (-\$53.3 million).

TITAN IV - Program costs decreased by \$1,262.5 million (-6.7%) from \$18,830.4 million to \$17,567.9 million, due primarily to a bottoms-up evaluation of total program funding from FY 1983 to FY 1998 (-\$489.5 million), reduced program and contract close-out costs (-\$444.1 million), a quantity reduction of 1 vehicle from 40 to 39 (-\$214.6 million), and revised escalation indices (-\$95.0 million).

DoD:

JSF (Joint Strike Fighter) - Development costs increased \$1,033.5 million (+4.6%) from \$22,329.0 million to \$23,362.5 million, due primarily to the addition of funding for the alternate engine program in FY 2004-2011 (+\$1,420.0 million). The increase was partially offset by a revision to the escalation indices (-\$427.7 million).

NAVY AREA TBMD (Theater Ballistic Missile Defense) - Program costs increased \$649.4 million (+10.7%) from \$6,060.2 million to \$6,709.6 million, due primarily to the production rate effect of extending missile production three additional years from FY 2009 to FY 2012 (+\$485.3 million) and additional production support (+\$161.6 million).

NMD (National Missile Defense) - Development costs increased \$2,617.0 million (+42.3%) from \$6,191.4 million to \$8,808.4 million, due primarily to a program restructure which modifies the NMD deployment schedule from three years following a decision to deploy a system to a threshold date of FY 2005 (+\$2,198.0 million), and the FY 1999 Supplemental Appropriation to support additional requirements (+\$600.0 million). These increases were partially offset by the application of revised escalation indices (-\$70.9 million).

THAAD (Theater High Altitude Area Defense) - Development costs increased \$1,342.0 million (+18.3%) from \$7,350.8 million to \$8,692.8 million, due primarily to a 21-month extension of the overall development period of performance (POP). Specifically, the Program Definition & Risk Reduction phase was extended by 10 months from July 1999 to May 2000 due to the impact of Flight Test 8, and the Engineering & Manufacturing Development flight test was delayed by 11 months from November 2003 to October 2004 (+\$1,053.3 million). There were additional increases related to a revised estimate of the radar segment (+\$428.7 million) and an engineering change to provide for up to 20 risk reduction/contingency test missiles as a transition to the objective system design (+\$139.6 million). These decreases were partially offset by a reduction in the planned number of User Evaluation System missiles from 40 to 0 due to a decision not to exercise the contract option (-\$235.6 million), and the application of revised escalation indices (-\$81.7 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, 1998

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	-	7,961.9	1,060	618.7	130.7	95	618.7	8,092.6	1,155	26.6	-5.2	
AFATDS	96	PdE	1,095.9	1,141.6	5,254	231.3	211.6	1,200	1,327.2	1,353.2	6,454	14.9	11.7	
ASAS	86	DE	539.1	809.8	-	260.5	392.7	-	799.6	1,202.5	-	48.3	48.5	
ATACMS/APAM	91	PdE	1,506.6	1,508.2	1,557	735.3	820.1	760	2,241.9	2,328.3	2,317	23.6	22.4	
ATACMS/BAT	91	DE	3,867.7	5,287.7	32,799	1,086.7	964.9	-11,345	4,954.4	6,252.6	21,454	44.2	37.0	
ATIRCM/CMWS	96	DE	2,628.4	3,361.6	3,094	-125.2	-395.3	-504	2,503.2	2,966.3	2,590	6.0	0.7	
BLACK HAWK (UH-60L)	71	PdE	2,216.6	10,715.2	1,277	-1,018.1	-5,704.4	-631	1,198.5	5,010.8	646	-32.9	-40.5	
BRADLEY UPGRADE	94	DE	3,097.3	4,038.8	1,602	428.0	26.5	-493	3,525.3	4,065.3	1,109	51.3	40.4	
CHEM DEMIL	94	PdE	13,471.1	15,310.3	15	-361.3	-723.4	-	13,109.8	14,586.9	15	-2.7	-4.7	
COMANCHE	84	PE	1,756.2	2,133.0	-	3,873.2	6,035.5	8	5,629.4	8,168.5	8	161.4	193.6	
CRUSADER	95	PE	2,357.0	2,780.0	-	301.8	125.0	9	2,658.8	2,905.0	9	7.4	-0.5	
CSSCS	-	PdE	-	325.2	1,766	67.3	69.9	1,430	67.3	395.1	3,196	106.4	8.3	
FAAD C2I BLK II-IV	96	PdE	1,810.5	1,127.2	15	747.4	848.6	-15	2,557.9	1,975.8	-	13.8	20.5	
FMTV	96	PdE	11,594.2	18,921.3	85,488	2,682.7	-537.7	1,428	14,276.9	18,383.6	86,916	18.7	-5.7	
ICH	97	DE	2,523.6	3,115.4	302	-1.7	-89.3	-	2,521.9	3,026.1	302	-0.1	-2.9	
JAVELIN	97	PdE	3,791.1	3,926.0	28,501	269.1	242.5	-1,497	4,060.2	4,130.5	27,004	2.1	0.4	
JSTARS GSM	89	DE	1,133.0	1,291.6	112	100.6	104.1	27	1,233.6	1,433.7	139	0.5	1.9	
LONGBOW APACHE	96	PdE	7,389.7	8,729.2	985	778.7	-32.6	-135	8,168.4	8,696.6	850	30.6	19.1	
LONGBOW HELLFIRE	96	PdE	2,352.0	2,635.6	13,311	31.9	-126.7	-406	2,383.9	2,508.9	12,905	3.2	-2.8	
MCS	80	DE	760.7	1,272.1	6,365	144.9	376.0	1,723	905.6	1,648.1	8,088	-22.1	-26.8	
MLRS UPGRADE	98	DE	3,345.5	3,900.4	44,039	803.6	1,033.5	18,984	4,149.1	4,933.9	63,023	1.2	0.3	
SADARM	89	DE	485.7	535.1	10,288	1,342.4	2,035.0	39,901	1,828.1	2,570.1	50,189	92.9	132.5	
SINCGARS	84	PdE	4,167.7	5,611.7	292,853	-1,295.4	-1,768.4	-22,469	2,872.3	3,843.3	270,384	-25.7	-21.2	
SMART-T	99	DE/PdE	804.0	1,027.2	364	-53.3	-263.0	-44	750.7	764.2	320	-3.2	-22.1	
Subtotal			72,693.6	107,466.1		11,649.1	3,775.8		84,342.7	111,241.9		14.8	4.3	
NAVY:														
AAAV	93	PE	725.0	934.1	-	98.5	0.0	-	823.5	934.1	-	13.6	0.0	
AIM-9X	97	DE	2,464.0	3,232.9	10,049	70.0	-139.8	80	2,534.0	3,093.1	10,129	2.4	-4.8	
AV-8B REMANUFACTURE	94	PdE	1,843.0	2,158.4	73	106.3	-41.0	-1	1,949.3	2,117.4	72	6.7	-0.9	
CEC	95	DE	2,221.9	2,573.1	183	967.1	1,021.5	48	3,189.0	3,594.6	231	33.6	28.0	
CH-60S	98	DE	2,769.0	3,154.0	166	75.8	31.8	-	2,844.8	3,185.8	166	2.7	1.0	
CVN-76	95	PdE	3,910.8	4,297.2	1	502.4	241.7	-	4,413.2	4,538.9	1	12.8	5.6	
CVN-77	95	PdE	4,557.1	5,540.8	1	50.4	-330.5	-	4,607.5	5,210.3	1	1.1	-6.0	
DD 21	96	PE	1,754.0	2,089.0	-	1,065.9	1,102.1	-	2,819.9	3,191.1	-	60.8	52.8	
DDG 51	87	PdE	16,953.7	20,117.5	23	24,337.5	33,847.7	34	41,291.2	53,965.2	57	7.8	4.1	
E-2C REPRODUCTION	94	PdE	2,627.7	3,187.9	36	219.7	-57.7	-	2,847.4	3,130.2	36	8.4	-1.8	
F/A-18 E/F	90	DE	53,959.6	94,583.0	1,000	-18,334.9	-47,575.2	-452	35,624.7	47,007.8	548	-8.8	-25.0	
JSOW	90	DE	5,246.7	9,276.4	16,600	-130.8	-1,991.1	7,324	5,115.9	7,285.3	23,924	-17.8	-32.9	
LHD 1	82	DE	2,931.8	4,451.0	3	3,110.4	3,375.3	4	6,042.2	7,826.3	7	-4.5	-21.8	
LPD 17 (LX)	96	DE	9,018.1	10,761.8	12	-285.7	-880.4	-	8,732.4	9,881.4	12	-3.2	-8.2	
MHC 51	92	PdE	1,457.4	1,548.3	12	211.1	202.9	-	1,668.5	1,751.2	12	14.5	13.1	
MIDS-LVT	92	DE	924.9	1,119.5	672	226.8	232.6	1,766	1,151.7	1,352.1	2,438	-7.2	-11.6	
NESP	90	PdE	1,876.6	2,373.7	393	-59.5	-288.8	-34	1,817.1	2,084.9	359	1.0	-7.5	
SH-60R (LAMPS BLKII)	93	DE	4,020.5	5,636.4	188	95.6	-672.7	-	4,116.1	4,963.7	188	2.2	-12.1	
SSN 21 / AN/BSY-2	90	PdE	20,119.9	21,739.1	12	-7,620.7	-8,329.9	-9	12,499.2	13,409.2	3	65.0	117.1	
SSN 774 (NSSN)	95	DE	45,633.1	71,080.8	30	5,446.8	-5,927.9	-	51,079.9	65,152.9	30	11.9	-8.3	
STD MSL 2 (BLKS I-IV)	84	DE	8,770.1	11,067.2	13,778	-818.4	-1,438.0	-2,273	7,951.7	9,629.2	11,505	8.7	16.0	
STRATEGIC SEALIFT	92	DE	5,693.8	6,588.4	20	-617.6	-753.0	-1	5,076.2	5,835.4	19	-6.9	-6.4	
T-45TS	95	PdE	5,528.1	5,599.5	176	1,268.3	1,271.2	60	6,796.4	6,870.7	236	4.3	1.1	
TOMAHAWK TBIP	77	DE	833.0	2,614.3	1,181	-636.5	-2,144.3	-1,181	196.5	470.0	-	-60.6	-68.7	
TRIDENT II MSL	83	PdE	26,556.3	35,518.5	845	-5,756.9	-8,162.9	-392	20,799.4	27,355.6	453	-0.4	7.6	
USMC H-1 UPGRADES	96	DE	2,792.5	3,547.5	284	264.9	96.2	-	3,057.4	3,643.7	284	9.5	2.7	
V-22	86	DE	23,073.0	29,662.3	913	835.9	6,558.0	-455	23,908.9	36,220.3	458	4.6	-13.0	
Subtotal			258,261.6	364,452.6		4,692.4	-30,752.2		262,954.0	333,700.4		5.1	-6.6	
USAF:														
ABL	97	PE	5,106.6	2,499.2	2	288.5	214.7	-	5,395.1	2,713.9	2	5.6	8.6	
AMRAAM	92	PdE	12,278.2	13,112.4	15,450	-2,030.4	-2,753.2	-4,533	10,247.8	10,359.2	10,917	-0.6	2.2	

Program Acquisition Cost Summary In Millions of Dollars
As of Date: December 31, 1998

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 \$
AWACS RSIP (E-3)	97	PdE	890.1	891.3	32	34.8	19.2	-	924.9	910.5	32	3.9	2.2
B-1B CMUP	99	DE	638.5	1,788.1	293	428.9	328.9	-6	1,067.4	2,117.0	287	69.5	19.1
C-130J	96	PdE	730.7	839.7	11	1,894.1	2,019.9	26	2,624.8	2,859.6	37	23.9	18.9
C-17A	96	PdE	41,250.9	41,811.9	210	2,863.1	3,101.7	-76	44,114.0	44,913.6	134	30.2	39.2
DMSF	75	PdE	718.7	1,879.0	9	192.1	544.9	1	910.8	2,423.9	10	16.8	17.1
EELV	95	PE/DE	13,472.6	17,896.7	2	-356.0	-548.9	179	13,116.6	17,347.8	181	-1.3	-1.9
F-22	90	DE	60,270.0	99,109.0	648	-11,860.1	-36,368.9	-307	48,409.9	62,740.1	341	8.5	-5.6
GBS	97	DE	451.4	497.1	346	-17.3	-39.4	147	434.1	457.7	493	-6.8	-10.7
JASSM	95	PE/DE	1,692.4	2,020.9	44	36.6	-14.8	2,417	1,729.0	2,006.1	2,461	2.0	-0.9
JDAM	95	DE	2,580.9	3,392.3	88,126	-301.1	-801.4	-10	2,279.8	2,590.9	88,116	-12.2	-24.0
JPATS	95	DE	2,878.9	4,050.6	712	371.6	-145.3	-	3,250.5	3,905.3	712	12.9	-3.6
JSIPS	86	DE	586.3	762.6	27	-89.0	-121.9	8	497.3	640.7	35	-10.3	-10.5
JSTARS	98	PdE	9,932.3	9,762.1	20	-1,172.5	-1,410.9	-5	8,759.8	8,351.2	15	-0.1	-0.6
MILSTAR	90	DE	-	-	11	-	-	-5	-	-	6	-	-
MINUTEMAN III GRP	93	DE	1,463.6	1,636.2	652	568.7	767.4	-	2,032.3	2,403.6	652	38.9	46.9
MINUTEMAN III PRP	94	DE	2,251.4	2,819.3	607	-417.0	-642.9	-	1,834.4	2,176.4	607	-18.5	-22.8
NAS	90	DE	573.3	791.1	53	38.9	-4.0	22	612.2	787.1	75	-12.2	-18.3
NAVSTAR SATELLITE	79	DE	1,599.4	2,306.7	40	2,964.4	7,844.7	75	4,563.8	10,151.4	115	42.0	37.3
NAVSTAR USER EQMT	79	DE	2,554.9	4,875.8	27,339	692.8	1,838.5	205,781	3,247.7	6,714.3	233,120	5.1	6.9
SBIRS	95	DE	3,679.5	4,147.3	5	-69.2	-145.0	-	3,610.3	4,002.3	5	-2.6	-4.1
SFW	79	PdE	892.4	2,087.9	5,084	-45.5	-167.0	-164	846.9	1,920.9	4,920	-3.1	-5.7
TITAN IV	85	DE	2,150.5	2,529.2	10	11,441.1	15,038.7	29	13,591.6	17,567.9	39	227.4	442.3
Subtotal			168,643.5	221,506.4		5,457.5	-11,445.0		174,101.0	210,061.4		17.6	15.1
DoD:													
JSF	94	PE	19,000.0	24,800.0	-	1,015.5	-1,437.5	-	20,015.5	23,362.5	-	5.3	-5.8
NAVY TBMD	94	DE	5,061.0	6,230.0	1,500	540.0	479.6	-	5,601.0	6,709.6	1,500	10.7	7.7
NMD	88	PE	4,892.0	6,629.0	-	1,690.5	2,179.4	-	6,582.5	8,808.4	-	34.6	32.9
NPOESS	96	PE	4,314.2	5,329.0	5	-131.9	-399.7	-	4,182.3	4,929.3	5	-3.1	-7.5
PATRIOT PAC-3	88	DE	4,798.8	6,381.6	54	1,169.8	1,396.7	-18	5,968.6	7,778.3	36	46.3	47.4
THAAD	88	PE	3,165.2	4,323.7	-	3,269.7	4,369.1	-	6,434.9	8,692.8	-	114.7	112.6
Subtotal			41,231.2	53,693.3		7,553.6	6,587.6		48,784.8	60,280.9		20.9	13.4
Grand Total			540,829.9	747,118.4		29,352.6	-31,833.8		570,182.5	715,284.6		11.3	2.6

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 1998

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	111.1	488.8	-	-	14.5	19.1	244.4	5.8	-	-	139.2	105.0	509.2	618.7
AFATDS	96	45.7	58.9	-	30.5	43.6	80.1	-20.2	-37.0	-	-	61.2	98.8	130.3	231.3
ASAS	86	-	-	-	3.2	73.7	75.9	-18.4	211.9	-	-29.0	-	-1.5	55.3	260.5
ATACMS/APAM	91	3.5	307.7	0.3	42.9	-0.5	16.1	-7.6	373.3	-	-	-0.4	-4.7	-4.7	735.3
ATACMS/BAT	91	-6.4	-431.3	-3.0	39.7	0.1	276.4	783.3	1,219.5	-	-	-18.1	-17.6	755.9	1,086.7
ATIRCM/CMWS	96	0.5	-266.1	-0.1	-245.3	-	-	422.8	347.6	-	-	32.0	38.6	455.2	-125.2
BLACK HAWK (UH-60L)	71	67.2	-431.7	-	-0.2	-	2.4	20.9	-562.9	-	-	17.1	-25.7	105.2	-1,018.1
BRADLEY UPGRADE	94	-766.7	-766.7	-14.3	117.4	-89.0	152.0	143.4	749.8	-	-	-94.5	175.5	-821.1	428.0
CHEM DEMIL	94	-	-	-	-	-	-	-314.4	-361.3	-	-	-	-	-314.4	-361.3
COMANCHE	84	-61.5	397.6	0.0	145.2	-	685.6	-108.1	2,644.8	-	-	-	-	-169.6	3,873.2
CRUSADER	95	-	118.6	-	156.2	-	-	-11.0	27.0	-	-	-	-	-11.0	301.8
CSSCS	-	32.6	32.6	-	-	8.6	8.6	20.8	26.1	-	-	0.2	-	62.2	67.3
FAAD C2I BLK II-IV	96	-	438.0	-	-20.6	-	86.1	-30.8	100.0	-	-	88.1	143.9	57.3	747.4
FMTV	96	210.8	432.2	-	42.8	481.1	486.8	1,976.2	2,071.7	-	-	-303.4	-350.8	2,364.7	2,682.7
ICH	97	-	-	-	-	-	-	-0.7	-1.7	-	-	-	-	-0.7	-1.7
JAVELIN	97	184.4	184.4	-	-	8.5	8.5	11.0	2.5	-	-	81.2	73.7	285.1	269.1
JSTARS GSM	89	-142.2	94.0	4.7	7.4	116.7	245.8	9.9	-295.0	-	-	-	48.4	-10.9	100.6
LONGBOW APACHE	96	-1,135.7	-1,135.7	-	-	480.0	658.8	102.6	749.9	-	-	161.5	505.7	-391.6	778.7
LONGBOW HELLFIRE	96	-	-41.8	-	-1.1	-23.1	20.0	16.8	47.9	-	-	-9.9	6.9	-16.2	31.9
MCS	80	523.5	402.0	-21.3	-24.5	150.5	150.2	-474.0	-463.0	-	-	95.8	80.2	274.5	144.9
MLRS UPGRADE	98	754.2	754.2	-	-	-	-	-23.0	-23.0	-	-	72.4	72.4	803.6	803.6
SADARM	89	0.3	462.0	8.7	219.3	-	192.6	110.5	453.5	-	-	1.7	15.0	121.2	1,342.4
SINCGARS	84	57.2	-302.0	0.9	50.9	0.6	66.4	-10.6	-832.2	-	-	-15.5	-278.5	32.6	-1,295.4
SMART-T	99	6.5	-28.1	0.0	3.0	93.0	143.9	69.9	-143.7	-	-	-14.0	-28.4	155.4	-53.3
Subtotal		-115.0	767.6	-24.1	566.8	1,358.3	3,375.3	2,913.7	6,311.5	-	-29.0	294.6	656.9	4,427.5	11,649.1
NAVY:															
AAAV	93	-	-	-	-	-	-	20.5	98.5	-	-	-	-	20.5	98.5
AIM-9X	97	11.3	11.3	-	8.5	1.2	134.4	4.7	110.7	-	-	-76.2	-194.9	-59.0	70.0
AV-8B REMANUFACTURE	94	-	-16.6	-	23.0	-	60.3	38.5	-99.0	-	-	22.4	138.6	60.9	106.3
CEC	95	18.5	165.4	78.9	78.9	-81.1	-14.0	611.6	1,128.0	-	-	-567.4	-391.2	60.5	967.1
CH-60S	98	-	-	-	-	-	-	78.7	78.7	-	-	-2.9	-	75.8	75.8
CVN-76	95	-	-	-	-	34.5	34.5	110.6	467.9	-	-	-	-	145.1	502.4
CVN-77	95	-	-	-	-138.9	225.8	-5.3	245.6	194.6	-	-	-	-	471.4	50.4
DD 21	96	-	-	-	-	-	-	958.7	1,065.9	-	-	-	-	958.7	1,065.9
DDG 51	87	-	21,363.6	-	27.3	2.6	1,316.2	371.9	1,630.4	-	-	0.1	-	374.6	24,337.5
E-2C REPRODUCTION	94	-	-	-	25.2	17.0	265.9	-100.9	-105.4	-	-	-55.8	34.0	-139.7	219.7
F/A-18 E/F	90	-	-14,908.1	-	678.4	853.2	-124.1	176.3	158.9	-	-	302.3	-4,140.0	1,331.8	-18,334.9
JSOW	90	13.2	977.3	-	-	-	-	-1,260.9	-847.7	-	-	-81.3	-260.4	-1,329.0	-130.8
LHD 1	82	-	3,395.2	-	84.1	14.8	23.8	-16.0	-395.5	-	-	-	2.8	-1.2	3,110.4
LPD 17 (LX)	96	-	-	-	-	-	-	-17.5	-285.7	-	-	-	-	-17.5	-285.7
MHC 51	92	-	-	-	-	-	-	-2.9	211.4	-	-	-	-0.3	-2.9	211.1
MIDS-LVT	92	-190.2	315.7	-	-	25.7	-29.3	132.6	-7.6	-	-	-25.8	-52.0	-57.7	226.8
NESP	90	-96.5	-77.8	5.5	41.2	-	48.1	20.5	36.9	-	-	-41.6	-107.9	-112.1	-59.5
SH-60R (LAMPS BLKII)	93	-	7.5	-	-117.7	9.2	-309.1	160.7	649.9	-	-	-403.5	-135.0	-233.6	95.6
SSN 21 / AN/BSY-2	90	-	-12,545.0	-	4,387.7	-	141.0	140.7	987.6	-	-	55.3	-592.0	196.0	-7,620.7
SSN 774 (NSSN)	95	-	-	-	88.6	780.8	892.9	1,221.7	4,360.7	-	-	140.6	104.6	2,143.1	5,446.8
STD MSL 2 (BLKS I-IV)	84	-14.2	-1,454.3	6.6	358.2	-	219.0	31.1	-5.6	-	-	46.5	64.3	70.0	-818.4
STRATEGIC SEALIFT	92	-	-238.6	-	137.2	-	-	32.0	-516.2	-	-	-	-	32.0	-617.6
T-45TS	95	772.3	988.4	-39.7	-129.8	16.7	34.4	184.6	250.2	-	-	208.3	125.1	1,142.2	1,268.3
TOMAHAWK TBIP	77	-355.2	-333.7	-	93.5	-	-274.7	-39.3	-32.2	-	-	-78.5	-89.4	-473.0	-636.5
TRIDENT II MSL	83	-144.8	-5,670.9	-	-	-	-	-27.4	-319.7	-	-	172.5	233.7	0.3	-5,756.9
USMC H-1 UPGRADES	96	-	-	-	-4.8	198.4	220.8	21.0	21.0	-	-	27.9	27.9	247.3	264.9
V-22	86	-	-222.2	-	-305.9	266.7	266.7	-180.2	2,807.6	-	-	-131.0	-1,710.3	-44.5	835.9
Subtotal		14.4	-8,242.8	51.3	5,334.7	2,365.5	2,901.5	2,916.9	11,644.3	-	-	-488.1	-6,945.3	4,860.0	4,692.4
USAF:															
ABL	97	-	-	313.6	313.6	-	-	-15.8	-25.1	-	-	-	-	297.8	288.5
AMRAAM	92	-	-1,965.1	-	783.8	16.1	448.0	-65.5	-1,294.5	-	-	61.9	-2.6	12.5	-2,030.4

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 1998

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	22.2	-	-	-40.6	-27.3	-	-	39.9	39.9	21.5	34.8
B-1B CMUP	99	-4.7	-8.6	-	-	-	-2.2	11.2	445.0	-	-	-12.3	-5.3	-5.8	428.9
C-130J	96	1,017.1	1,387.2	-21.9	-187.6	-	0.4	180.6	267.1	-	-	338.7	427.0	1,514.5	1,894.1
C-17A	96	1,567.6	-7,360.2	83.1	724.5	32.9	163.2	1,730.4	9,504.6	-	342.3	216.6	-511.3	3,630.6	2,863.1
DMSF	75	-	61.2	-	-	-	-30.0	1.9	138.3	-	-	-3.3	22.6	-1.4	192.1
EELV	95	-	-182.7	-	-	-	-	-12.8	-173.3	-	-	-	-	-12.8	-356.0
F-22	90	-	-15,651.7	-	1,517.0	123.6	259.6	1,127.6	4,141.3	-	-	-980.1	-2,126.3	271.1	-11,860.1
GBS	97	16.9	14.3	-	-	-	-	-9.2	-31.7	-	-	3.9	0.1	11.6	-17.3
JASSM	95	3.4	3.4	38.8	38.8	-	-47.4	166.8	41.8	-	-	-	-	209.0	36.6
JDAM	95	-	15.7	15.9	41.7	-	-16.5	126.5	-362.2	-	-	6.7	20.2	149.1	-301.1
JPATS	95	-	-	-0.0	-2.7	-	-	59.8	524.6	-	-	-38.7	-150.3	21.1	371.6
JSIPS	86	-	-31.8	5.9	7.4	-	-3.5	-42.6	-62.1	-	-	3.4	1.0	-33.3	-89.0
JSTARS	98	235.2	-1,164.4	-	-	117.0	393.1	-276.1	-359.8	-	-	-66.8	-41.4	9.3	-1,172.5
MILSTAR	90	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
MINUTEMAN III GRP	93	-	-	-	82.0	-	-9.0	202.0	460.1	-	-	8.9	35.6	210.9	568.7
MINUTEMAN III PRP	94	-	-	-	-	-	-	-267.5	-453.6	-	-	-1.2	36.6	-268.7	-417.0
NAS	90	56.3	123.7	15.1	27.5	3.5	6.4	-47.5	-116.8	-	-	-21.7	-1.9	5.7	38.9
NAVSTAR SATELLITE	79	-40.0	1,614.8	-	-0.3	245.8	637.8	70.9	619.6	-	-	7.6	92.5	284.3	2,964.4
NAVSTAR USER EQMT	79	-309.3	534.7	3.2	213.2	-	16.8	248.0	-222.7	-	-	11.2	150.8	-46.9	692.8
SBIRS	95	27.2	27.2	416.6	416.6	-	-	83.7	-540.2	-	-	27.2	27.2	554.7	-69.2
SFW	79	-18.6	-18.6	0.8	4.8	-	-	-33.8	-31.6	-	-	-	-0.1	-51.6	-45.5
TITAN IV	85	-139.1	2,000.7	-	1,930.8	-	-1,637.2	-609.4	7,882.0	-	-	122.5	1,264.8	-626.0	11,441.1
Subtotal		2,412.0	-20,600.2	893.3	5,933.3	538.9	179.5	2,588.6	20,323.5	-	342.3	-275.6	-720.9	6,157.2	5,457.5
DoD:															
JSF	94	-	-	-	-	1,120.8	1,120.8	34.4	-105.3	-	-	-	-	1,155.2	1,015.5
NAVY TBMD	94	-	-	-	-	-53.1	-53.1	599.0	587.4	-	-	-22.5	5.7	523.4	540.0
NMD	88	-	-	-	-	-	-203.0	1,919.7	1,893.5	-	-	-	-	1,919.7	1,690.5
NPOESS	96	-	-	2.3	2.3	-	-58.2	3.2	-76.0	-	-	-	-	5.5	-131.9
PATRIOT PAC-3	88	-719.8	-719.8	-	-156.7	-	392.3	909.0	1,518.1	-	-	14.2	135.9	203.4	1,169.8
THAAD	88	-168.4	-168.4	684.3	1,391.3	102.5	953.3	316.9	1,093.5	-	-	-	-	935.3	3,269.7
Subtotal		-888.2	-888.2	686.6	1,236.9	1,170.2	2,152.1	3,782.2	4,911.2	-	-	-8.3	141.6	4,742.5	7,553.6
Grand Total		1,423.2	-28,963.6	1,607.1	13,071.7	5,432.9	8,608.4	12,201.4	43,190.5	-	313.3	-477.4	-6,867.7	20,187.2	29,352.6

Distribution of Cost Changes (Then-Year Dollars)

As Of Date: December 31, 1998

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
ARMY:																
ABRAMS UPGRADE	-79.1	-422.6	133.9	578.7	5.7	-192.3	15.9	20.9	299.8	40.6	-	-	174.9	105.4	551.1	130.7
AFATDS	-9.1	-28.3	54.2	69.8	-4.1	17.2	47.0	87.3	-23.9	-35.7	-	-	71.3	101.3	135.4	211.6
ASAS	-16.3	-82.2	-	-	-	4.2	110.3	113.3	-98.8	360.1	-	-	-	-2.7	-4.8	392.7
ATACMS/APAM	-8.3	-91.7	4.3	394.5	-0.1	56.1	-0.6	8.7	-8.6	470.6	-	-	-0.4	-18.1	-13.7	820.1
ATACMS/BAT	-82.0	-604.5	-10.9	-723.6	119.3	393.1	-0.3	339.8	1,040.4	1,582.5	-	-	-24.4	-22.4	1,042.1	964.9
ATIRCM/CMWS	-45.6	-187.8	0.6	-414.5	22.9	-303.9	-	-	529.0	447.9	-	-	25.2	63.0	532.1	-395.3
BLACK HAWK (UH-60L)	-20.9	-495.2	327.3	-2,297.9	-3.2	216.9	-	-34.6	100.0	-2,967.7	-	1.4	78.3	-127.3	481.5	-5,704.4
BRADLEY UPGRADE	117.1	-384.2	-1,144.4	-1,142.7	-11.9	266.3	-118.1	187.4	176.7	866.2	-	-	-135.4	233.5	-1,116.0	26.5
CHEM DEMIL	-301.5	-301.5	-	-	-2.4	-2.4	-	-	-371.7	-419.5	-	-	-	-	-675.6	-723.4
COMANCHE	-85.6	-299.0	-104.1	649.1	-62.2	203.2	-	1,154.8	-139.2	4,327.4	-	-	-	-	-391.1	6,035.5
CRUSADER	-42.4	-237.4	-	140.0	-	183.1	-	-	-11.5	39.3	-	-	-	-	-53.9	125.0
CSSCS	1.0	-4.0	39.5	39.5	-8.2	-8.7	9.1	9.1	29.1	37.2	-	-	-	-3.2	70.5	69.9
FAAD C2I BLK II-IV	-44.9	-83.1	-	512.4	-	-38.6	-	120.0	-35.9	149.5	-	-	119.6	188.4	38.8	848.6
FMTV	-446.2	-3,292.1	352.7	568.3	-78.8	-669.6	655.8	661.8	2,584.8	2,740.5	-	-	-426.9	-546.6	2,641.4	-537.7
ICH	-73.6	-73.6	-	-	-6.4	-6.4	-	-	-8.3	-9.3	-	-	-	-	-88.3	-89.3
JAVELIN	-38.9	-95.9	187.7	187.7	16.9	16.9	8.2	8.2	11.2	3.6	-	-	93.5	84.0	278.6	204.5
JSTARS GSM	-10.7	-5.2	-189.7	115.3	-1.9	-17.1	154.8	325.4	23.8	-370.2	-	-	-	93.9	-23.7	142.1
LONGBOW APACHE	-79.6	-371.1	-1,426.6	-1,426.6	31.8	36.9	554.4	776.1	89.5	402.6	-	-	158.1	549.5	-672.4	-32.6
LONGBOW HELLFIRE	-32.5	-163.8	-	-54.7	-	7.2	-26.7	21.5	18.2	56.7	-	-	-12.1	6.4	-53.1	-126.7
MCS	52.9	20.5	1,226.1	978.2	444.0	482.3	293.6	289.8	-1,617.3	-1,594.0	-	-	229.8	199.2	629.1	376.0
MLRS UPGRADE	-61.0	-61.0	1,017.0	1,017.0	24.7	24.7	-	-	-39.5	-39.5	-	-	92.3	92.3	1,033.5	1,033.5
SADARM	-38.0	-227.2	0.4	570.1	79.0	706.6	-	275.0	144.7	686.7	-	-	3.0	23.8	189.1	2,035.0
SINCGARS	-11.3	-75.1	85.9	-733.3	9.9	782.2	0.6	94.1	-26.4	-1,491.0	-	-	-21.2	-345.3	37.5	-1,768.4
SMART-T	-79.3	-138.6	6.8	-45.9	0.2	22.2	98.1	159.5	73.9	-229.5	-	-	-15.3	-30.7	84.4	-263.0
Subtotal	-1,435.8	-7,704.6	560.7	-1,018.6	575.2	2,180.1	1,802.1	4,618.1	2,740.0	5,055.0	-	1.4	410.3	644.4	4,652.5	3,775.8
NAVY:																
AAAV	-23.9	-49.8	-	-	-	-	-	-	23.9	49.8	-	-	-	-	0.0	0.0
AIM-9X	-66.1	-248.2	16.8	16.8	-	8.9	1.5	170.0	-13.7	193.3	-	-	-96.3	-280.6	-157.8	-139.8
AV-8B REMANUFACTURE	-27.7	-167.7	-	-20.9	-	38.8	-	69.3	42.9	-126.4	-	-	25.3	165.9	40.5	-41.0
CEC	-10.8	-138.4	29.5	235.5	85.9	126.7	-108.7	-39.7	680.9	1,247.1	-	-	-653.2	-409.7	23.6	1,021.5
CH-60S	-54.8	-54.8	-	-	-8.2	-8.2	-	-	91.3	91.3	-	-	3.5	3.5	31.8	31.8
CVN-76	-23.1	-278.3	-	-	-	-	35.6	35.6	114.1	484.4	-	-	-	-	126.6	241.7
CVN-77	-75.0	-389.6	-	-	-	-141.4	256.0	-65.7	280.4	266.2	-	-	-	-	461.4	-330.5
DD 21	-44.5	-97.6	-	-	-	-	-	-	1,075.2	1,199.7	-	-	-	-	1,030.7	1,102.1
DDG 51	-392.7	-4,605.9	-	31,714.7	-	971.2	3.5	1,997.9	472.9	3,769.8	-	-	0.2	-	83.9	33,847.7
E-2C REPRODUCTION	-24.3	-249.8	-	-	-	19.3	18.8	307.6	-135.7	-150.8	-	-	-78.4	16.0	-219.6	-57.7
F/A-18 E/F	-922.6	-8,759.2	-	-31,895.2	-	1,027.2	1,208.6	-1,409.6	256.1	498.3	-	-	401.6	-7,036.7	943.7	-47,575.2
JSOW	328.1	-897.1	22.7	1,587.9	348.0	-123.3	-	-	-2,442.1	-2,101.4	-	-	-127.5	-457.2	-1,870.8	-1,991.1
LHD 1	-11.4	-1,356.0	-	5,552.1	-	-328.2	21.8	36.1	-28.7	-528.7	-	-	-	-	-18.3	3,375.3
LPD 17 (LX)	-81.0	-524.9	-	-	-	-	-	-	-8.5	-355.5	-	-	-	-	-89.5	-880.4
MHC 51	-1.2	-6.0	-	-	-	-	-	-	-3.2	209.2	-	-	-	-0.3	-4.4	202.9
MIDS-LVT	-6.1	-63.4	-251.9	410.7	21.5	12.7	34.4	-41.5	151.8	-18.9	-	-	-32.9	-67.0	-83.2	232.6
NESP	-11.9	-196.8	-142.9	-120.9	7.5	70.7	-	69.2	30.9	55.6	-	-	-59.5	-166.6	-175.9	-288.8
SH-60R (LAMPS BLKII)	-9.0	-582.4	-	8.9	8.0	-138.1	10.0	-469.6	201.4	794.9	-	-	-657.3	-286.4	-446.9	-672.7
SSN 21 / AN/BSY-2	-21.9	285.0	-	-15,562.8	-	6,379.3	-	161.3	191.6	1,156.5	-	-	70.9	-749.2	240.6	-8,329.9
SSN 774 (NSSN)	-1,359.2	-11,966.5	-	-	-80.1	854.9	1,067.8	1,194.9	1,674.1	3,870.8	-	-	158.3	118.0	1,460.9	-5,927.9
STD MSL 2 (BLKS I-IV)	-36.5	-951.8	-22.6	-2,765.2	31.2	1,623.3	1.2	334.7	47.6	331.4	-	-	82.4	-10.4	103.3	-1,438.0
STRATEGIC SEALIFT	-37.4	112.7	-	-351.5	-	260.4	-	-	37.4	-774.6	-	-	-	-	0.0	-753.0
T-45TS	-38.2	-123.0	919.9	1,196.5	-51.2	-225.8	10.2	25.5	228.6	239.4	-	-	252.4	158.6	1,321.7	1,271.2
TOMAHAWK TBIP	-9.4	-206.9	-1,163.8	-1,114.1	-	304.1	-	-889.8	-92.2	-44.6	-	-	-203.6	-193.0	-1,469.0	-2,144.3
TRIDENT II MSL	-78.9	-396.9	-273.1	-10,097.3	-29.5	1,580.9	-	-	-27.4	99.2	-	-	313.1	651.2	-95.8	-8,162.9
USMC H-1 UPGRADES	-82.5	-212.5	-	-	-	-5.1	244.5	268.5	19.1	18.9	-	-	32.1	26.4	213.2	96.2
V-22	-542.8	-5,807.9	-	11,947.2	-278.7	-3,559.9	441.1	441.1	-351.2	3,956.7	-	-	-382.5	-419.2	-1,114.1	6,558.0
Subtotal	-3,664.8	-37,933.7	-865.4	-9,257.6	54.4	8,748.4	3,246.3	2,195.8	2,517.5	14,431.6	-	-	-951.4	-8,936.7	336.6	-30,752.2
USAF:																
ABL	-46.5	-123.9	-	-	364.7	364.7	-	-	-16.1	-26.1	-	-	-	-	302.1	214.7
AMRAAM	-23.7	-361.0	-	-2,977.1	8.2	1,751.0	20.1	567.5	-110.9	-1,773.1	-	-	79.7	39.5	-26.6	-2,753.2

Distribution of Cost Changes (Then-Year Dollars)

As Of Date: December 31, 1998

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)	-9.4	-16.9	-	-	25.9	25.9	-	-	-43.0	-31.9	-	-	42.1	42.1	15.6	19.2
B-1B CMUP	-30.2	-119.0	-6.3	-10.9	0.8	3.3	-	-1.7	13.1	464.0	-	-	-15.6	-6.8	-38.2	328.9
C-130J	-45.0	-53.5	1,165.1	1,565.8	-33.7	-221.6	-	0.4	200.7	256.4	-	-	373.6	472.4	1,660.7	2,019.9
C-17A	-506.8	-1,328.8	1,847.3	-9,536.0	324.3	3,274.2	33.0	170.1	1,781.4	10,318.3	-	348.0	248.7	-144.1	3,727.9	3,101.7
DMSP	-8.9	-201.3	-	190.2	-	1.9	-	-84.0	10.1	551.6	-	-	-16.6	86.5	-15.4	544.9
EELV	-23.0	-60.4	-	-211.1	-	-	-	-	-14.0	-277.4	-	-	-	-	-37.0	-548.9
F-22	-966.5	-10,458.1	-	-32,635.0	-	6,213.8	166.1	253.0	1,511.4	4,769.3	-	-	-1,777.4	-4,511.9	-1,066.4	-36,368.9
GBS	-4.8	-19.2	17.9	15.2	0.2	0.2	-	-	-12.6	-35.7	-	-	4.0	0.1	4.7	-39.4
JASSM	-17.8	-26.7	3.6	3.6	47.6	47.6	-	-56.3	160.9	17.0	-	-	-	-	194.3	-14.8
JDAM	-42.1	-249.3	-	16.8	25.3	66.9	-	-19.0	143.7	-624.4	-	-	8.3	7.6	135.2	-801.4
JPATS	-98.4	-549.4	-	-	-11.3	-47.8	-	-	75.5	673.5	-	-	-62.5	-221.6	-96.7	-145.3
JSIPS	-0.3	-8.7	-	-47.0	12.6	18.0	-	-4.6	-63.9	-84.6	-	-	5.6	5.0	-46.0	-121.9
JSTARS	-5.4	-22.6	247.2	-1,362.2	-	-	136.4	446.2	-303.7	-420.8	-	-	-60.5	-51.5	14.0	-1,410.9
MILSTAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
MINUTEMAN III GRP	-30.9	-82.4	-	-	46.5	220.6	-	-7.1	257.3	582.3	-	-	15.8	54.0	288.7	767.4
MINUTEMAN III PRP	-33.4	-114.7	-	-	-	13.0	-	-	-334.4	-587.6	-	-	-1.8	46.4	-369.6	-642.9
NAS	-1.6	-64.3	76.0	171.9	34.2	62.1	4.6	9.3	-80.9	-180.9	-	-	-27.8	-2.1	4.5	-4.0
NAVSTAR SATELLITE	-131.1	-1,207.3	-114.0	5,084.7	-	618.0	600.9	1,213.0	201.1	1,808.0	-	-	17.3	328.3	574.2	7,844.7
NAVSTAR USER EQMT	-24.2	-407.7	-786.0	1,406.5	9.0	831.0	-	36.4	604.0	-451.3	-	-	0.5	423.6	-196.7	1,838.5
SBIRS	-44.7	-126.8	27.4	27.4	494.2	494.2	-	-	115.1	-571.0	-	-	31.2	31.2	623.2	-145.0
SFW	-18.4	-58.8	-51.7	-51.7	15.4	25.9	-	-	-90.8	-82.2	-	-	-	-0.2	-145.5	-167.0
TITAN IV	-95.0	-1,373.7	-214.6	710.1	-	5,278.6	-	-2,735.8	-1,135.6	12,182.6	-	-	182.7	976.9	-1,262.5	15,038.7
Subtotal	-2,208.1	-17,034.5	2,211.9	-37,638.8	1,363.9	19,041.5	961.1	-212.6	2,868.4	26,476.0	-	348.0	-952.7	-2,424.6	4,244.5	-11,445.0
DoD:																
JSF	-427.7	-2,403.8	-	-	-	-	1,420.0	1,420.0	41.2	-453.7	-	-	-	-	1,033.5	-1,437.5
NAVY TBMD	-122.8	-337.0	-	-	31.7	174.0	-59.0	-59.0	817.7	687.8	-	-	-18.2	13.8	649.4	479.6
NMD	-70.9	-180.3	-	-	-	-	-	-287.1	2,687.9	2,646.8	-	-	-	-	2,617.0	2,179.4
NPOESS	-114.7	-300.6	-	-	58.0	58.0	-	-69.2	3.3	-87.9	-	-	-	-	-53.4	-399.7
PATRIOT PAC-3	-19.1	-237.5	-1,105.7	-1,105.7	69.4	-28.3	-	582.6	1,238.0	1,999.8	-	-	20.3	185.8	202.9	1,396.7
THAAD	-66.2	-515.8	-235.6	-235.6	1,053.3	2,189.8	139.6	1,381.2	450.9	1,549.5	-	-	-	-	1,342.0	4,369.1
Subtotal	-821.4	-3,975.0	-1,341.3	-1,341.3	1,212.4	2,393.5	1,500.6	2,968.5	5,239.0	6,342.3	-	-	2.1	199.6	5,791.4	6,587.6
Grand Total	-8,130.1	-66,647.8	565.9	-49,256.3	3,205.9	32,363.5	7,510.1	9,569.8	13,364.9	52,304.9	-	349.4	-1,491.7	-10,517.3	15,025.0	-31,833.8

Program Funding Status (Dollars in Millions)

As of Date: December 31, 1998

Weapon System	Prior Years	FY 100 Budget	FY 101 Budget	Balance of Program	Total
ARMY:					
ABRAMS UPGRADE	4,719.3	666.3	531.8	2,175.2	8,092.6
AFATDS	792.1	82.2	85.9	393.0	1,353.2
ASAS	345.2	103.2	116.0	638.1	1,202.5
ATACMS/APAM	2,116.9	95.6	90.8	25.0	2,328.3
ATACMS/BAT	1,606.9	354.1	341.7	3,949.9	6,252.6
ATIRCM/CMWS	352.3	101.7	62.5	2,449.8	2,966.3
BLACK HAWK (UH-60L)	4,179.5	102.8	105.4	623.1	5,010.8
BRADLEY UPGRADE	1,068.5	369.0	430.3	2,197.5	4,065.3
CHEM DEMIL	6,169.7	1,305.9	1,093.5	6,017.8	14,586.9
COMANCHE	4,213.0	427.1	565.8	2,962.6	8,168.5
CRUSADER	1,096.6	343.9	436.9	1,027.6	2,905.0
CSSCS	176.0	31.2	27.1	160.8	395.1
FAAD C2I BLK II-IV	866.4	76.7	69.2	963.5	1,975.8
FMTV	1,939.2	427.9	512.2	15,504.3	18,383.6
ICH	68.6	28.3	118.7	2,810.5	3,026.1
JAVELIN	2,260.5	505.0	411.6	953.4	4,130.5
JSTARS GSM	1,120.5	99.8	90.9	122.5	1,433.7
LONGBOW APACHE	3,468.3	791.0	767.0	3,670.3	8,696.6
LONGBOW HELLFIRE	1,435.1	294.3	300.7	478.8	2,508.9
MCS	842.9	97.1	81.4	626.7	1,648.1
MLRS UPGRADE	393.2	186.8	263.5	4,090.4	4,933.9
SADARM	663.4	73.9	73.4	1,759.4	2,570.1
SINGARS	3,827.1	13.2	3.0	-	3,843.3
SMART-T	431.2	97.2	81.2	154.6	764.2
Subtotal	44,152.4	6,674.2	6,660.5	53,754.8	111,241.9
NAVY:					
AAAV	282.6	94.8	110.6	446.1	934.1
AIM-9X	391.3	143.0	99.1	2,459.7	3,093.1
AV-8B REMANUFACTURE	1,570.6	307.7	239.1	-	2,117.4
CEC	1,432.5	208.3	236.9	1,716.9	3,594.6
CH-60S	234.4	298.4	298.4	2,354.6	3,185.8
CVN-76	4,433.1	2.1	20.3	83.4	4,538.9
CVN-77	243.5	786.4	3,989.8	190.6	5,210.3
DD 21	306.4	270.4	365.4	2,248.9	3,191.1
DDG 51	40,606.4	2,928.9	3,121.9	7,308.0	53,965.2
E-2C REPRODUCTION	1,860.0	411.6	333.8	524.8	3,130.2
F/A-18 E/F	12,937.0	3,066.4	3,048.7	27,955.7	47,007.8
JSOW	1,172.2	265.6	273.2	5,574.3	7,285.3
LHD 1	7,792.1	15.0	17.5	1.7	7,826.3
LPD 17 (LX)	1,770.8	1,523.1	1,530.2	5,057.3	9,881.4
MHC 51	1,749.6	1.6	-	-	1,751.2
MIDS-LVT	647.0	96.0	101.9	507.2	1,352.1
NESP	1,472.1	160.5	107.2	345.1	2,084.9
SH-60R (LAMPS BLKII)	744.7	348.8	320.6	3,549.6	4,963.7
SSN 21 / AN/BSY-2	12,964.1	113.9	37.2	294.0	13,409.2
SSN 774 (NSSN)	8,558.0	1,029.0	1,893.6	53,672.3	65,152.9
STD MSL 2 (BLKS I-IV)	8,264.9	125.3	115.5	1,123.5	9,629.2
STRATEGIC SEALIFT	5,835.4	-	-	-	5,835.4
T-45TS	4,503.5	357.9	332.3	1,677.0	6,870.7
TOMAHAWK TBIP	470.0	-	-	-	470.0
TRIDENT II MSL	23,888.0	490.5	492.0	2,485.1	27,355.6
USMC H-1 UPGRADES	269.5	157.7	109.6	3,106.9	3,643.7
V-22	8,902.8	1,189.2	1,895.4	24,232.9	36,220.3
Subtotal	153,302.5	14,392.1	19,090.2	146,915.6	333,700.4
USAF:					
ABL	518.7	308.6	241.1	1,645.5	2,713.9
AMRAAM	8,547.4	207.3	212.2	1,392.3	10,359.2

Program Funding Status (Dollars in Millions)
As of Date: December 31, 1998

Weapon System	Prior Years	FY 100 Budget	FY 101 Budget	Balance of Program	Total
AWACS RSIP (E-3)	652.3	70.0	61.2	127.0	910.5
B-1B CMUP	1,174.8	265.2	123.5	553.5	2,117.0
C-130J	1,033.1	32.4	32.1	1,762.0	2,859.6
C-17A	28,398.1	3,561.9	3,528.0	9,425.6	44,913.6
DMSF	2,031.6	61.4	85.4	245.5	2,423.9
EELV	564.8	395.6	871.9	15,515.5	17,347.8
F-22	20,298.6	3,086.1	3,557.3	35,798.1	62,740.1
GBS	211.7	81.1	39.6	125.3	457.7
JASSM	488.3	168.4	118.9	1,230.5	2,006.1
JDAM	583.9	171.9	296.2	1,538.9	2,590.9
JPATS	553.8	176.3	206.6	2,968.6	3,905.3
JSIPS	560.2	-	7.0	73.5	640.7
JSTARS	7,216.9	475.8	197.1	461.4	8,351.2
MILSTAR	-	-	-	-	-
MINUTEMAN III GRP	840.6	149.1	157.8	1,256.1	2,403.6
MINUTEMAN III PRP	301.6	123.8	140.7	1,610.3	2,176.4
NAS	156.9	108.4	114.0	407.8	787.1
NAVSTAR SATELLITE	4,374.6	280.5	372.8	5,123.5	10,151.4
NAVSTAR USER EQMT	4,582.0	311.3	248.8	1,572.2	6,714.3
SBIRS	1,405.8	335.3	499.9	1,761.3	4,002.3
SFW	1,198.6	73.1	101.5	547.7	1,920.9
TITAN IV	15,494.3	709.8	660.5	703.3	17,567.9
Subtotal	101,188.6	11,153.3	11,874.1	85,845.4	210,061.4
DoD:					
JSF	3,018.6	510.4	1,187.2	18,646.3	23,362.5
NAVY TBMD	1,545.0	414.4	360.4	4,389.8	6,709.6
NMD	4,573.1	836.6	866.7	2,532.0	8,808.4
NPOESS	288.7	156.8	221.3	4,262.5	4,929.3
PATRIOT PAC-3	5,073.3	372.3	439.2	1,893.5	7,778.3
THAAD	3,740.9	611.6	559.7	3,780.6	8,692.8
Subtotal	18,239.6	2,902.1	3,634.5	35,504.7	60,280.9
Grand Total	316,883.1	35,121.7	41,259.3	322,020.5	715,284.6