

SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES

As of Date: December 31, 1999

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UNCLASSIFIED

**Department of Defense
OUSD(AT&L) AR&A/AM
April 7, 2000**

SELECTED ACQUISITION REPORTS (SARs) - HIGHLIGHTS

(As of December 31, 1999)

The Department of Defense has released details on major defense acquisition program cost and schedule changes since the September 1999 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the December 31, 1999 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 1999) was \$710,149.4 million. After subtracting the costs for a final report (SFW) and adding the costs for a new program (AEHF) plus one new component of an existing SAR (SBIRS Low) in September 1999, the adjusted current estimate of program acquisition costs was \$715,142.3 million. There was a net cost change of +\$21,685.0 million during the current reporting period (December 1999). The cost changes between September and December 1999 are summarized below:

	Current Estimate (\$ in Millions)
September 1999 (72 programs*)	\$ 710,149.4
Less final report on completed program (SFW)	-1,920.9
Plus one new program (AEHF) and one new component of an existing SAR (SBIRS Low)	+6,913.8
September 1999 Adjusted (72 programs*)	\$ 715,142.3

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

Changes Since Last Report:

Economic	\$ -5,379.1
Quantity	+2,117.0
Schedule	+3,086.2
Engineering	+4,493.7
Estimating	+16,926.2
Other	+502.8
Support	<u>-61.8</u>
Net Cost Change	\$ +21,685.0

Plus initial procurement and construction cost estimates for NMD (previous reports were limited to development costs per Title 10, Section 2432, United States Code) +5,517.6

December 1999 (73 programs*) \$ 742,344.9

For the December 1999 reporting period, there was a net cost change of +\$21,685.0 million or +3.0%. This increase was due primarily to higher program estimates (+\$16,926.2 million), additional engineering changes (hardware/software) (+\$4,493.7 million), and a net stretchout of the development and procurement schedules (+\$3,086.2 million). There was also a net increase in the planned quantities to be purchased (+\$2,117.0 million). These overall increases were partially offset by the application of lower escalation indices (-\$5,379.1 million). Details of the most significant changes are attached.

**New SARs
(As of December 31, 1999)**

The Department of Defense has submitted initial SARs for FBCB2 and IAV. 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>
FBCB2 (Force XXI Battle Command Brigade & Below)	\$2,574.4
IAV (Interim Armored Vehicles)**	<u>352.5</u>
Total	\$ 2,926.9

* 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, 1999)

ARMY:

ABRAMS UPGRADE - Program costs increased \$1,883.7 million from \$8,092.6 to \$9,976.3 million (+23.3%), due primarily to the addition of the System Enhancement Package (SEP) to the M1A2 program (+\$1,982.4 million). Previously, the SEP program was budgeted separately from the M1A2 program. Additionally, a shift from the Embedded Battle Command to the Integrated Combat Command and Control for the implementation of Army Digitization resulted in an increase of \$136.3 million. These increases were partially offset by costs relating to a reduction in facilities which resulted in savings of \$247.1 million.

ATIRCM/CMWS (Advanced Threat Infrared Countermeasures/Common Missile Warning System) - Program costs decreased \$300.6 million from \$2,966.3 to \$2,665.7 million (-10.1%), due primarily to a reduction in Air Force quantities of 491 units from 853 to 362 units (-\$352.0 million) and a reduction in Navy quantities of 401 units from 665 to 264 units (-\$324.4 million). These decreases were partially offset by an increase in the unit costs for the remaining Army and Navy units due to the production rate effects associated with the aforementioned quantity decreases (+\$403.8 million).

CHEM DEMIL (Chemical Demilitarization) - Program costs decreased \$1,403.3 million (-9.6%) from \$14,586.9 million to \$13,183.6 million, due primarily to the realignment of funds from the Pueblo Chemical Agent Disposal Facility and the Blue Grass Chemical Agent Disposal Facility to the Assembled Chemical Weapons Assessment (ACWA) program, which is planned to demonstrate alternatives to the baseline incineration process of destruction of assembled chemical weapons.

CRUSADER (Artillery System) - Development costs increased \$1,397.3 million from \$2,905.0 million to \$4,302.3 million (+48.1%), due primarily to the restructure of the program to align itself with the Army's vision for more deployable forces (+\$955.7M). Additionally, the program schedule was stretched to adjust for software delays (+\$492.5 million).

MCS (Maneuver Control System) - Program cost increased \$407.9M (+24.7%) from \$1,648.1M to \$2,056.0M, due primarily to a change in Army policy on MCS computer replacement requirements. MCS is to be replaced every 10 years rather than 20 years, and the responsibility for procurement of the rebuy was transferred from operation and maintenance funding to MCS procurement funding (+\$354.6M).

SADARM (Search and Destroy Armor) - Program costs decreased \$1,830.2 million (-71.2%) from \$2,570.1 million to \$739.9 million, due primarily to a quantity reduction of 48,937 munitions from 50,000 to 1,063 munitions (-\$953.9 million) and associated schedule and estimating allocations* (-\$1,068.7 million).

NAVY:

AAAV (Advanced Amphibious Assault Vehicle) – Development costs increased \$108.4 million (+11.6%) from \$934.1 million to \$1,042.5 million, due primarily to an increase of two Program Definition & Risk Reduction (PDRR) prototypes from one to three prototypes, and associated engineering, test, and support requirements. There were also increases related to additional Command, Control, Communications, and Intelligence (C4I) variant requirements, AAAV survivability, and upgrades to the 30mm cannon.

CH-60S (Utility Helicopter) - Program costs increased \$1,147.0 million (+36.0%) from \$3,185.8 million to \$4,332.8 million, due primarily to a quantity increase of 72 aircraft from 165 to 237 aircraft (+\$1,299.9 million) and the addition of Airborne Mine Countermeasures sensors (+\$94.3 million). The increase was partially offset by a decrease associated with production rate effects from the addition of the 72 aircraft (-\$235.8 million).

DD 21 (21st Century Destroyer) - Development costs increased \$2,028.4 million (+63.6%) from \$3,191.1 million to \$5,219.5 million, due to higher development cost estimates for initial system design (+\$1,404.6 million) and additional ship capabilities, including Integrated Electric Drive, Volume Search Radar and Advanced Gun System (+\$650.3 million).

DDG 51 (Guided Missile Destroyer) - Program costs increased \$1,842.4 million (+3.4%) from \$53,965.2 million to \$55,807.6 million, due primarily to a quantity increase of 1 ship from 57 to 58 ships (+\$983.7 million), plus revised cost estimates for ship construction, government furnished equipment, and outfitting and post delivery (+\$837.3 million).

LHD 1 (Amphibious Assault Ship) - Program costs increased \$2,426.3 million (+31.0%) from \$7,826.3 million to \$10,252.6 million, due primarily to a quantity increase of 1 ship from 7 to 8 ships, plus outfitting and post delivery costs associated with the additional ship.

SH-60R (Multi-Mission Helicopter) - Program costs increased by \$860.2 million (+17.3%) from \$4,963.7 million to \$5,823.9 million, due primarily to a quantity increase of 56 units from 185 to 241 units (+\$952.5 million). This increase was partially offset by a quantity decrease of 1 fully configured test article from 3 to 2 units (-\$18.2 million).

T45TS (Jet Pilot Training System) - Program costs decreased by \$1,628.6 million (-23.7%) from \$6,870.7 million to \$5,242.1 million, due primarily to a quantity decrease of 65 aircraft from 234 to 169 aircraft (-\$1,330.7 million) and a decrease in the amount of required weapons support due to the quantity decrease (-\$330.2 million).

V-22 (Vertical Lift Aircraft) - Program costs increased \$1,891.9 million (+5.1%) from \$36,220.3 million to \$38,112.2 million, due primarily to revised labor rates and material costs (+\$2,305.5 million). This increase was partially offset by the application of revised escalation indices (-\$243.8 million) and a change in initial spares requirements (-\$232.6 million).

AIR FORCE:

ABL (Airborne Laser) - Development costs increased \$831.6 million (+30.6%) from \$2,713.9 million to \$3,545.5 million, due primarily to restructuring of the Program Definition and Risk Reduction (PDDR) phase (+\$875.2 million). This restructuring of the development program results in a two-year delay in the lethality demonstration (from FY 2003 to FY 2005), while the delay in beginning the Engineering and Manufacturing Development (EMD) phase is to be determined. The increase was partially offset by revised escalation indices (-\$19.7 million) and execution and Congressional adjustments (-\$27.0 million).

AEHF (Advanced Extremely High Frequency) Satellite - Development costs decreased \$304.7 million (-11.3%) from \$2,690.6 million to \$2,385.9 million. Since this is a pre-Milestone II program, the SAR reflects only development funding. The cost decrease is due primarily to the application of revised escalation indices (-\$23.2 million), and the differing mix of development and procurement funding between the Service Cost Position and the FY 2001 President's Budget (-\$287.0 million). This mix will be addressed at Milestone II/Milestone III, scheduled for February 2001.

GBS (Global Broadcast Service) - Program costs increased \$67.4 million (+14.7%) from \$457.7 million to \$525.1 million, due primarily to rephasing the Army procurement for receive suites (+\$27.3 million) and a net increase of 31 receive suites and Theater Injection Points (TIPs) from 272 to 304 (+\$30.6 million) which were offset by associated schedule and estimating allocations* (-\$14.6 million). There were also increases related to a refinement of the estimate for transponder lease and support activities (+\$23.0 million).

NAS (National Airspace System) - Program costs increased \$217.4 million (+27.6%) from \$787.1 million to \$1,004.5 million, due primarily to a quantity increase of 12 operational suites from 53 to 65 suites (+\$99.8 million) and changes required to site-specific configurations (+\$114.5 million).

NAVSTAR GPS (Global Positioning System) / Satellite Portion - Program costs increased \$1,398.1 million (+13.8%) from \$10,151.4 million to \$11,549.5 million, due primarily to the addition of development and procurement funding for the GPS modernization program (+\$1,119.0 million), and a revised estimate for the operational control system based on a better understanding of the complexity of effort (+\$236.4 million).

DoD:

NMD (National Missile Defense) - Development program costs increased \$3,153.1 million (+35.8%) from \$8,808.4 million to \$11,961.5 million, due primarily to increased system capability, which includes additional weapons for flight tests and additional production facility capability to handle increased missile quantity requirements (+\$822.4 million), additional weapon system sustaining engineering, production verification testing, system-level sustaining

engineering, and program management attributable to additional quantities and expanded delivery schedule (+\$1,175.5 million), added test infrastructure requirements and additional flight tests to support the expanded capability (+\$734.0 million), cost growth because government furnished assets were less mature than the Lead System Integrator contractor had anticipated (+\$407.0 million), additional ground based X-Band radar hardware and software design requirements (+\$91.0 million), upgraded battle management command, control and communications (+\$47.2 million). These increases were partially offset by the application of revised development escalation indices (-\$21.1 million) and a revised cost estimate (-\$97.4 million).

As a result of the Department's approval of the Deployment Readiness Review Criteria and Single Acquisition Management Plan in June 1999, \$5,035.0 million of procurement and \$482.6 million of military construction (MILCON) have been added to the SAR. Previously, the NMD SAR was limited to development costs only (per Title 10, Section 2432, United States Code).

A subsequent Defense Acquisition Executive decision resulted in the expansion of the NMD program. The program has been revised to an "Expanded Capability 1." There were procurement cost increases associated with an increase of 80 deployed missiles (from 20 to 100) (+\$1,507.1 million), Ground Based X-Band Radar component quantity increases to support control of increased number of engagements (+\$494.0 million), an increase in production support (+ \$484.2 million), and additional program management and award fee resulting from expanded system capability (+\$382.6 million). These increases were partially offset by a revision in procurement and MILCON escalation indices (-\$41.9 million), a revised estimate for initial spares (-\$41.6 million), and a rephase of annual missile procurements (-\$20.9 million). Total program costs are now estimated at \$20,252.2 million.

NTW TBMD (Navy Theater Wide Theater Ballistic Missile Defense) - Development costs increased \$589.8 million (+13.2%) from \$4,464.3 million to \$5,054.1 million, due primarily to additional scope that was incorporated as part of the evolutionary acquisition strategy (+\$611.7 million). That is, the Department's guidance on Upper Tier programs directed the Navy to continue the evolutionary block approach, through the initial system flight test program, followed by three developmental increments of the Block I system (First Unit Equipped for NTW Block IA in FY 2006, Block IB in FY 2008, and Block IC in FY 2010). The existing NTW budget provides for completion of AEGIS Lightweight Exo-Atmospheric Projectile Intercept (ALI) flight demonstration through FY 2002 and minimally sustains industrial base capability through FY 2005. This aforementioned cost increase was partially offset by the application of revised escalation indices (-\$24.8 million).

PATRIOT PAC-3 (Patriot Advanced Capability) - Program costs in the previous SAR were \$7,775.8 million, and only one end-item, a Fire Unit, was shown. This SAR splits the program into two end-items, Fire Unit and Missile Segment. The \$7,775.8 million in the previous SAR was comprised of \$2,866.7 million for Fire Unit and \$4,909.1 million for Missile Segment. For this SAR, Fire Unit costs increased \$101.9 million (+3.6%) from \$2,866.7 million to \$2,968.6 million, due primarily to a revised estimate for Reliability, Availability, and Maintainability (RAM) modifications (+\$93.5 million), and an increase in Army modification spares funding (+\$9.4 million). These increases were partially offset by the application of revised escalation

indices (-\$2.3 million). Missile Segment costs increased \$2,262.2 million (+46.1%) from \$4,909.1 million to \$7,171.3 million, due primarily to an increase of 452 missiles from 560 to 1,012 missiles (+\$1,141.0 million) and associated schedule, engineering and estimating allocations* (+\$443.2 million), a stretchout of annual procurement buy profile (+\$640.5 million), additional funding to cover EMD cost growth (+\$50.0 million), and a Congressional supplemental to restore Procurement funding from a FY 1999 reprogramming action (+\$45.0 million). These increases were partially offset by the application of revised escalation indices (-\$23.2 million).

THAAD (Theater High Altitude Area Defense) - Development costs increased \$897.8 million (+10.3%) from \$8,692.8 million to \$9,590.6 million, due primarily to revised estimating methodology to reflect an increase in fee structure to sufficiently cover the EMD contract, and additional revisions to the engineering development estimates (+\$417.8 million). There were also increases related to an engineering effort to incorporate cost reduction initiatives into missile design (+\$408.0 million), 15 additional flight tests to incorporate lessons-learned and evolutionary development approach (+\$230.2 million), and an extended EMD period of performance (by 22 months) as part of risk-reduction program restructure (+\$211.8 million). These increases were partially offset due to elimination of use and support of User Evaluation System ground equipment in THAAD test program (-\$331.5 million), and the application of revised escalation indices (-\$42.9 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, 1999

Weapon System	Base Year	Type of Baseline	Baseline Estimate			Changes To Date			Current Estimate			Percent Cost Change	
			Cost		Quantity	Cost		Quantity	Cost		Quantity	To Date Adjust for Qty	
			Base Year \$	Current Year \$		Base Year \$	Current Year \$		Base Year \$	Current Year \$		Base Year \$	Current Year \$
ARMY:													
ABRAMS UPGRADE	95	PdE	6,991.9	7,961.9	1,060	2,195.7	2,014.4	95	9,187.6	9,976.3	1,155	22.8	16.8
ATACMS-APAM	91	PdE	1,506.6	1,508.2	1,557	660.4	726.3	660	2,167.0	2,234.5	2,217	22.0	20.9
ATACMS-BAT	91	DE	3,867.7	5,287.7	32,799	865.7	660.5	-15,782	4,733.4	5,948.2	17,017	60.9	61.7
ATIRCM/CMWS	96	DE	2,628.4	3,361.6	3,094	-373.3	-695.9	-1,396	2,255.1	2,665.7	1,698	21.7	17.4
BLACK HAWK (UH-60L)	71	PdE	2,216.6	10,715.2	1,277	-1,051.7	-5,892.7	337	1,164.9	4,822.5	1,614	-33.8	-41.8
BRADLEY UPGRADE	94	DE	3,097.3	4,038.8	1,602	702.3	344.2	-493	3,799.6	4,383.0	1,109	63.0	51.3
CH-47F (ICH)	97	DE	2,523.6	3,115.4	302	73.0	-34.0	-	2,596.6	3,081.4	302	2.9	-1.1
CHEM DEMIL	94	PdE	13,471.1	15,310.3	15	-1,407.2	-2,126.7	-	12,063.9	13,183.6	15	-10.4	-13.9
COMANCHE	84	PE	1,756.2	2,133.0	-	3,928.2	6,082.9	8	5,684.4	8,215.9	8	163.9	195.3
CRUSADER	95	PE	2,357.0	2,780.0	-	1,536.5	1,522.3	9	3,893.5	4,302.3	9	57.3	47.3
FMTV	96	PdE	11,594.2	18,921.3	85,488	2,400.4	-1,131.9	-2,303	13,994.6	17,789.4	83,185	20.6	-3.7
JAVELIN	97	PdE	3,791.1	3,926.0	28,501	3.2	-106.2	-6,086	3,794.3	3,819.8	22,415	2.7	1.1
JSTARS CGS	89	DE	1,133.0	1,291.6	112	109.4	148.9	27	1,242.4	1,440.5	139	1.3	2.4
LONGBOW APACHE	96	PdE	7,389.7	8,729.2	985	880.9	26.5	-135	8,270.6	8,755.7	850	32.2	19.9
LONGBOW HELLFIRE	96	PdE	2,352.0	2,635.6	13,311	53.6	-111.9	-406	2,405.6	2,523.7	12,905	4.1	-2.2
MCS	80	DE	760.7	1,272.1	6,569	299.2	783.9	1,209	1,059.9	2,056.0	7,778	-7.8	-7.2
MLRS UPGRADE	98	DE	3,345.5	3,900.4	44,039	803.9	991.2	18,966	4,149.4	4,891.6	63,005	1.2	-0.5
SADARM	89	DE	485.7	535.1	10,288	139.0	204.8	-9,036	624.7	739.9	1,252	28.9	389.0
SINGARS	84	PdE	4,167.7	5,611.7	292,853	-1,266.7	-1,726.7	-19,323	2,901.0	3,885.0	273,530	-26.1	-21.8
SMART-T	99	PdE	766.5	780.4	313	-41.5	-45.7	5	725.0	734.7	318	-5.2	-5.7
Subtotal			76,202.5	103,815.5		10,511.0	1,634.2		86,713.5	105,449.7		16.7	7.2
NAVY:													
AAAV	93	PE	725.0	934.1	-	190.4	108.4	-	915.4	1,042.5	-	26.3	11.6
AIM-9X	97	DE	2,464.0	3,232.9	10,049	-128.8	-410.1	97	2,335.2	2,822.8	10,146	-5.8	-13.2
AV-8B REMANUFACTURE	94	PdE	1,843.0	2,158.4	73	118.3	-33.2	-1	1,961.3	2,125.2	72	7.4	-0.6
CEC	95	DE	2,221.9	2,573.1	183	1,207.4	1,276.1	49	3,429.3	3,849.2	232	43.0	36.4
CH-60S	98	DE	2,769.0	3,154.0	166	1,012.9	1,178.8	71	3,781.9	4,332.8	237	2.4	0.5
CVN-76	95	PdE	3,910.8	4,297.2	1	579.6	293.4	-	4,490.4	4,590.6	1	14.8	6.8
CVN-77	95	PdE	4,557.1	5,540.8	1	235.0	-240.9	-	4,792.1	5,299.9	1	5.2	-4.3
DD 21	96	PE	1,754.0	2,089.0	-	2,904.7	3,130.5	-	4,658.7	5,219.5	-	165.6	149.9
DDG 51	87	PdE	16,953.7	20,117.5	23	25,907.9	35,690.1	35	42,861.6	55,807.6	58	9.9	5.6
E-2C REPRODUCTION	94	DE	3,029.9	3,187.9	36	285.4	5.3	-	3,315.3	3,193.2	36	9.4	0.2
F/A-18 E/F	90	DE	53,959.6	94,583.0	1,000	-18,134.8	-47,594.4	-452	35,824.8	46,988.6	548	-8.3	-25.0
JSOW	90	DE	6,927.2	11,205.9	23,924	-2,553.5	-5,271.6	-4,810	4,373.7	5,934.3	19,114	-28.8	-39.9
LHD 1	82	DE	2,931.8	4,451.0	3	4,574.2	5,801.6	5	7,506.0	10,252.6	8	4.9	-10.1
LPD 17	96	DE	9,018.1	10,761.8	12	675.5	-61.7	-	9,693.6	10,700.1	12	7.5	-0.6
MIDS-LVT	92	DE	924.9	1,119.5	672	332.7	361.7	1,889	1,257.6	1,481.2	2,561	0.5	-3.9
NESP	90	PdE	1,876.6	2,373.7	393	-49.4	-285.0	126	1,827.2	2,088.7	519	-8.7	-17.0
SH-60R	93	DE	4,020.5	5,636.4	188	722.6	187.5	55	4,743.1	5,823.9	243	0.7	-11.5
SSN 21 / AN/BSY-2	90	PdE	20,119.9	21,739.1	12	-7,787.8	-8,582.6	-9	12,332.1	13,156.5	3	62.8	113.0
SSN 774 (NSSN)	95	DE	45,633.1	71,080.8	30	7,155.8	-5,403.3	-	52,788.9	65,677.5	30	15.7	-7.6
STD MSL 2	84	DE	8,770.1	11,067.2	13,778	-813.0	-1,450.3	-2,113	7,957.1	9,616.9	11,665	8.8	15.9
STRATEGIC SEALIFT	92	DE	5,693.8	6,588.4	20	-312.3	-433.8	-	5,381.5	6,154.6	20	-6.6	-6.9
T-45TS	95	PdE	5,528.1	5,599.5	176	-104.9	-357.4	-5	5,423.2	5,242.1	171	-0.4	-3.5
TACTICAL TOMAHAWK	99	DE	1,683.7	1,863.4	1,365	-23.6	-30.2	-	1,660.1	1,833.2	1,365	-1.4	-1.6
TRIDENT II MSL	83	PdE	26,556.3	35,518.5	845	-5,838.7	-8,334.7	-392	20,717.6	27,183.8	453	-0.8	6.9
USMC H-1 UPGRADES	96	DE	2,792.5	3,547.5	284	377.1	183.5	-	3,169.6	3,731.0	284	13.5	5.2
V-22	86	DE	23,073.0	29,662.3	913	2,105.9	8,449.9	-455	25,178.9	38,112.2	458	10.2	-8.4
Subtotal			259,737.6	364,082.9		12,638.6	-21,822.4		272,376.2	342,260.5		7.8	-4.3
USAF:													
ABL	97	PE	5,106.6	2,499.2	2	954.3	1,046.3	-	6,060.9	3,545.5	2	18.7	41.9
AEHF	99	PE	2,471.1	2,690.6	2	-241.5	-304.7	-	2,229.6	2,385.9	2	-9.8	-11.3
AMRAAM	92	PdE	12,278.2	13,112.4	15,450	-2,035.8	-2,775.5	-4,533	10,242.4	10,336.9	10,917	-0.7	2.0
AWACS RSIP (E-3)	97	PdE	890.1	891.3	32	96.7	83.0	-	986.8	974.3	32	10.9	9.3
B-1B CMUP	99	DE	802.1	1,907.4	291	473.7	457.1	-4	1,275.8	2,364.5	287	60.6	24.6
C-130J	96	PdE	730.7	839.7	11	1,673.5	1,793.5	21	2,404.2	2,633.2	32	30.2	26.2
C-17A	96	PdE	41,250.9	41,811.9	210	3,009.0	3,048.2	-76	44,259.9	44,860.1	134	30.6	39.0

Program Acquisition Cost Summary In Millions of Dollars
As of Date: December 31, 1999

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 \$			
EELV	95	DE	13,116.6	17,347.8	181	110.8	-103.2	-	13,227.4	17,244.6	181	0.8	-0.6
F-22	90	DE	60,270.0	99,109.0	648	-11,962.1	-37,168.9	-307	48,307.9	61,940.1	341	8.8	-6.4
GBS	97	DE	451.4	497.1	346	42.9	28.0	94	494.3	525.1	440	-0.1	-3.3
JASSM	95	DE	1,749.5	2,073.3	2,469	57.7	28.1	13	1,807.2	2,101.4	2,482	2.4	0.6
JDAM	95	DE	2,580.9	3,392.3	88,126	-247.2	-765.9	-10	2,333.7	2,626.4	88,116	-10.1	-23.0
JPATS	95	DE	2,878.9	4,050.6	712	472.4	-76.0	-	3,351.3	3,974.6	712	16.4	-1.9
JSTARS	98	PdE	9,932.3	9,762.1	20	-919.0	-1,165.0	-4	9,013.3	8,597.1	16	0.1	-0.6
MILSTAR	90	DE	-	-	11	-	-	-5	-	-	6	-	-
MINUTEMAN III GRP	93	DE	1,463.6	1,636.2	652	543.4	688.2	-	2,007.0	2,324.4	652	37.1	42.1
MINUTEMAN III PRP	94	DE	2,251.4	2,819.3	607	-429.1	-676.9	-	1,822.3	2,142.4	607	-19.1	-24.0
NAS	90	DE	573.3	791.1	53	195.9	213.4	35	769.2	1,004.5	88	-0.1	-5.5
NAVSTAR SATELLITE	79	DE	1,599.4	2,306.7	40	3,560.6	9,242.8	69	5,160.0	11,549.5	109	63.1	59.1
NAVSTAR USER EQMT	79	DE	2,554.9	4,875.8	27,339	775.0	1,998.9	226,284	3,329.9	6,874.7	253,623	5.1	6.4
SBIRS (High)	95	DE	3,679.5	4,147.3	5	8.3	-99.4	-	3,687.8	4,047.9	5	-0.5	-3.0
SBIRS (Low)	95	PE	3,745.9	4,223.2	3	-12.2	-42.5	-	3,733.7	4,180.7	3	-0.3	-1.0
TITAN IV	85	DE	2,150.5	2,529.2	10	11,763.8	15,498.4	29	13,914.3	18,027.6	39	235.2	456.5
Subtotal			172,527.8	223,313.5		7,891.1	-9,052.1		180,418.9	214,261.4		18.7	16.2
DoD:													
JSF	94	PE	19,000.0	24,800.0	-	1,015.5	-1,620.3	-	20,015.5	23,179.7	-	5.3	-6.5
NAVY AREA TBMD	94	DE	5,061.0	6,230.0	1,500	718.9	581.2	-	5,779.9	6,811.2	1,500	14.2	9.3
NMD	99	PE/DE	11,366.8	12,146.6	-	7,367.7	8,105.6	1	18,734.5	20,252.2	1	47.4	48.3
NPOESS	96	PE	4,314.2	5,329.0	5	231.4	16.6	-	4,545.6	5,345.6	5	5.4	0.3
NTW TBMD	99	PE	4,218.0	4,464.0	-	457.0	590.1	-	4,675.0	5,054.1	-	10.8	13.2
PATRIOT PAC-3	88	DE	4,798.8	6,381.6	1,254	2,689.4	3,758.3	-206	7,488.2	10,139.9	1,048	45.3	58.0
THAAD	88	PE	3,165.2	4,323.7	-	3,866.9	5,266.9	-	7,032.1	9,590.6	-	134.7	134.6
Subtotal			51,924.0	63,674.9		16,346.8	16,698.4		68,270.8	80,373.3		27.7	18.8
Grand Total			558,796.2	754,886.8		47,387.5	-12,541.9		606,183.7	742,344.9		14.2	5.3

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 1999

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	-	488.8	-	-	121.9	141.0	1,449.1	1,454.9	-	-	6.0	111.0	1,577.0	2,195.7
ATACMS-APAM	91	-38.5	269.2	-2.9	40.0	-	16.1	-33.3	340.0	-	-	-0.2	-4.9	-74.9	660.4
ATACMS-BAT		-490.2	-926.1	6.5	40.2	3.3	279.8	265.8	1,498.3	-	-	-9.7	-26.5	-224.3	865.7
ATIRCM/CMWS	96	-509.0	-775.1	-	-245.3	109.2	109.2	172.2	519.8	-	-	-20.5	18.1	-248.1	-373.3
BLACK HAWK (UH-60L)	71	-24.1	-455.8	-	-0.2	11.1	13.5	-23.6	-586.5	-	-	3.0	-22.7	-33.6	-1,051.7
BRADLEY UPGRADE	94	-	-766.7	38.0	155.4	79.7	231.7	161.4	911.2	-	-	-4.8	170.7	274.3	702.3
CH-47F (ICH)	97	-	-	-	-	10.1	10.1	-1.2	-2.9	-	-	65.8	65.8	74.7	73.0
CHEM DEMIL	94	-	-	-	-	-	-	-1,053.5	-1,414.8	7.6	7.6	-	-	-1,045.9	-1,407.2
COMANCHE		-	397.6	-	145.2	48.2	733.8	6.8	2,651.6	-	-	-	-	55.0	3,928.2
CRUSADER	95	-	118.6	426.2	582.4	810.1	810.1	-1.6	25.4	-	-	-	-	1,234.7	1,536.5
FMTV	96	-529.4	10.2	-	42.8	241.8	728.6	-24.7	1,928.5	-	11.1	30.0	-320.8	-282.3	2,400.4
JAVELIN	97	-280.3	-95.9	-	-	-1.2	7.3	84.3	86.8	-	-	-68.7	5.0	-265.9	3.2
JSTARS CGS	89	-	94.0	-	7.4	7.0	252.8	1.8	-293.2	-	-	-	48.4	8.8	109.4
LONGBOW APACHE	96	-	-1,135.7	-	-	18.5	677.3	129.6	879.5	-	-	-45.9	459.8	102.2	880.9
LONGBOW HELLFIRE	96	-	-41.8	-	-1.1	21.7	41.7	6.9	54.8	-	-	-6.9	-	21.7	53.6
MCS	80	-13.2	388.8	-	-24.5	-	150.2	42.1	-420.9	-	-	125.4	205.6	154.3	299.2
MLRS UPGRADE	98	-0.9	753.3	10.9	10.9	-	-	-22.9	-45.3	-	-	12.6	85.0	-0.3	803.9
SADARM	89	-462.9	-0.9	-195.1	24.2	-136.7	55.9	-397.7	55.8	-	-	-11.0	4.0	-1,203.4	139.0
SINCGARS	84	58.3	-243.7	4.7	55.6	2.6	69.0	-54.4	-886.6	-	-	17.5	-261.0	28.7	-1,266.7
SMART-T	99	-	-1.5	-	-	-30.7	-30.7	-1.6	-22.8	-	-	8.7	13.5	-23.6	-41.5
Subtotal		-2,290.2	-1,922.7	288.3	833.0	1,316.6	4,297.4	705.5	6,733.6	7.6	18.7	101.3	551.0	129.1	10,511.0
NAVY:															
AAAV	93	-	-	-	-	85.1	85.1	6.8	105.3	-	-	-	-	91.9	190.4
AIM-9X	97	2.4	13.7	12.8	21.3	0.3	134.7	-216.2	-105.7	-	-	1.9	-192.8	-198.8	-128.8
AV-8B REMANUFACTURE	94	-	-16.6	-	23.0	-	60.3	15.6	-83.4	-	-	-3.6	135.0	12.0	118.3
CEC	95	11.0	176.4	-	78.9	71.2	57.2	147.2	1,275.2	-	-	10.9	-380.3	240.3	1,207.4
CH-60S	98	925.4	925.4	-	-	-	-	42.5	121.2	-	-	-30.8	-33.7	937.1	1,012.9
CVN-76	95	-	-	-	-	-	34.5	-7.7	460.2	84.9	84.9	-	-	77.2	579.6
CVN-77	95	-	-	-	-138.9	-	-5.3	69.9	264.5	114.7	114.7	-	-	184.6	235.0
DD 21	96	-	-	-	-	596.5	1,524.4	1,242.3	1,380.3	-	-	-	-	1,838.8	2,904.7
DDG 51	87	671.4	22,035.0	9.1	36.4	-	1,316.2	889.9	2,520.3	-	-	-	-	1,570.4	25,907.9
E-2C REPRODUCTION	94	-	-	-	25.2	15.2	281.1	-89.9	-	-	-	35.0	69.0	65.7	285.4
F/A-18 E/F	90	-	-14,908.1	8.5	686.9	28.8	-95.3	52.5	211.4	-	-	110.3	-4,029.7	200.1	-18,134.8
JSOW	90	-1.7	-783.7	-	-	-	-	11.9	-1,595.8	-	-	-14.4	-174.0	-4.2	-2,553.5
LHD 1	82	830.4	4,225.6	16.4	100.5	4.9	28.7	612.1	216.6	-	-	-	2.8	1,463.8	4,574.2
LPD 17	96	-	-	-	-	-	-	961.2	675.5	-	-	-	-	961.2	675.5
MIDS-LVT	92	10.9	326.6	-	-	4.1	-25.2	80.9	73.3	-	-	10.0	-42.0	105.9	332.7
NESP	90	203.5	125.7	-9.0	32.2	-	48.1	-201.4	-164.5	-	-	17.0	-90.9	10.1	-49.4
SH-60R	93	681.6	689.1	-	-117.7	-	-309.1	-11.1	638.8	-	-	-43.5	-178.5	627.0	722.6
SSN 21 / AN/BSY-2	90	-	-12,545.0	-	4,387.7	-	141.0	-153.2	834.2	-	-	-13.6	-605.7	-166.8	-7,787.8
SSN 774 (NSSN)	95	-	-	-	88.6	2.2	895.1	1,578.3	5,939.0	216.3	216.3	-87.8	16.8	1,709.0	7,155.8
STD MSL 2	84	-1.3	-1,455.6	-2.3	355.9	-	219.0	31.1	25.5	-	-	-22.1	42.2	5.4	-813.0
STRATEGIC SEALIFT	92	308.9	70.3	23.6	160.8	-	-	-27.2	-543.4	-	-	-	-	305.3	-312.3
T-45TS	95	-1,071.8	-83.4	41.4	-88.4	-5.9	28.5	-36.1	214.1	-	-	-300.8	-175.7	-1,373.2	-104.9
TACTICAL TOMAHAWK	99	-	-	18.6	18.6	-	-	-23.7	-29.6	-	-	-11.5	-12.6	-16.6	-23.6
TRIDENT II MSL	83	-	-5,670.9	-	-	-	-	-136.0	-455.7	-	-	54.2	287.9	-81.8	-5,838.7
USMC H-1 UPGRADES	96	-	-	-	-4.8	-	220.8	45.8	66.8	-	-	66.4	94.3	112.2	377.1
V-22	86	-	-222.2	-	-305.9	-	266.7	1,425.6	4,233.2	-	-	-155.6	-1,865.9	1,270.0	2,105.9
Subtotal		2,570.7	-7,097.7	119.1	5,360.3	802.4	4,906.5	6,416.5	16,187.4	415.9	415.9	-378.0	-7,133.8	9,946.6	12,638.6
USAF:															
ABL	97	-	-	688.6	1,002.2	-	-	-22.8	-47.9	-	-	-	-	665.8	954.3
AEHF	99	-	-	-	-	-	-	-241.5	-241.5	-	-	-	-	-241.5	-241.5
AMRAAM	92	-	-1,965.1	-	783.8	3.4	451.4	26.5	-1,268.0	-	-	-35.3	-37.9	-5.4	-2,035.8
AWACS RSIP (E-3)	97	-	-	-	22.2	-	-	23.2	-4.1	-	-	38.7	78.6	61.9	96.7
B-1B CMUP	99	-	-7.5	92.5	92.5	-	-5.9	65.2	391.0	-	-	0.7	3.6	158.4	473.7
C-130J	96	-270.8	1,116.4	-52.1	-239.7	-	0.4	-20.5	246.6	-	-	122.8	549.8	-220.6	1,673.5
C-17A	96	-	-7,360.2	-	724.5	86.7	249.9	100.0	9,604.6	-	342.3	-40.8	-552.1	145.9	3,009.0

Distribution of Cost Changes (Base-Year Dollars)

As Of Date: December 31, 1999

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
EELV	95	-	-	-	-	-	-	110.8	110.8	-	-	-	-	110.8	110.8
F-22	90	-233.4	-15,885.1	-	1,517.0	-	259.6	386.0	4,527.3	-	-	-254.6	-2,380.9	-102.0	-11,962.1
GBS	97	29.1	43.4	24.5	24.5	4.3	4.3	1.7	-30.0	-	-	0.6	0.7	60.2	42.9
JASSM	95	11.3	14.7	73.3	112.1	-	-47.4	-14.3	-31.0	-	-	7.9	9.3	78.2	57.7
JDAM	95	-	15.7	82.4	124.1	-	-16.5	-5.4	-367.6	-	-	-23.1	-2.9	53.9	-247.2
JPATS	95	-	-	-	-2.7	-	-	21.6	546.2	-	-	79.2	-71.1	100.8	472.4
JSTARS	98	234.3	-930.1	-	-	25.0	418.1	10.0	-349.8	-	-	-15.8	-57.2	253.5	-919.0
MILSTAR	90	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
MINUTEMAN III GRP	93	-	-	-	82.0	1.5	-7.5	-23.1	437.0	-	-	-3.7	31.9	-25.3	543.4
MINUTEMAN III PRP	94	-	-	-	-	-	-	-13.0	-466.6	-	-	0.9	37.5	-12.1	-429.1
NAS	90	73.1	196.8	23.5	51.0	25.3	31.7	13.0	-103.8	-	-	22.1	20.2	157.0	195.9
NAVSTAR SATELLITE	79	-50.2	1,564.6	-	-0.3	486.9	1,124.7	146.9	766.5	-	-	12.6	105.1	596.2	3,560.6
NAVSTAR USER EQMT	79	78.7	613.4	61.9	275.1	115.6	132.4	-54.2	-276.7	-	-	-119.8	30.8	82.2	775.0
SBIRS (High)	95	-	27.2	-115.1	301.5	73.0	73.0	125.5	-441.1	-	-	20.5	47.7	103.9	8.3
SBIRS (Low)	95	-	-	-	-	-	-	-12.2	-12.2	-	-	-	-	-12.2	-12.2
TITAN IV	85	-	2,000.7	-	1,930.8	-	-1,637.2	388.9	8,270.9	-	-	-66.2	1,198.6	322.7	11,763.8
Subtotal		-127.9	-20,555.1	879.5	6,800.6	821.7	1,031.0	1,012.3	21,260.6	-	342.3	-253.3	-988.3	2,332.3	7,891.1
DoD:															
JSF	94	-	-	-	-	-	1,120.8	-	-105.3	-	-	-	-	0.0	1,015.5
NAVY AREA TBMD	94	-	-	-224.8	-224.8	29.9	-23.2	112.6	700.0	-	-	261.2	266.9	178.9	718.9
NMD	99	1,345.5	1,345.5	395.7	395.7	-	-265.4	3,206.6	5,682.0	-	-	209.9	209.9	5,157.7	7,367.7
NPOESS	96	-	-	49.4	51.7	-2.6	-60.8	316.5	240.5	-	-	-	-	363.3	231.4
NTW TBMD	99	-	-	-	-	-	-	456.9	457.0	-	-	-	-	456.9	457.0
PATRIOT PAC-3	88	1,075.3	355.5	-85.8	-242.5	89.0	481.3	435.3	1,951.9	-	-	7.3	143.2	1,521.1	2,689.4
THAAD	88	-	-168.4	133.2	1,524.5	23.0	976.3	441.0	1,534.5	-	-	-	-	597.2	3,866.9
Subtotal		2,420.8	1,532.6	267.7	1,504.6	139.3	2,229.0	4,968.9	10,460.6	-	-	478.4	620.0	8,275.1	16,346.8
Grand Total		2,573.4	-28,042.9	1,554.6	14,498.5	3,080.0	12,463.9	13,103.2	54,642.2	423.5	776.9	-51.6	-6,951.1	20,683.1	47,387.5

Distribution of Cost Changes (Then-Year Dollars)

As Of Date: December 31, 1999

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	-43.0	-465.6	-	578.7	-	-192.3	140.4	161.3	1,779.6	1,820.2	-	-	6.7	112.1	1,883.7	2,014.4
ATACMS-APAM	6.7	-85.0	-55.0	339.5	-3.5	52.6	-	8.7	-41.8	428.8	-	-	-0.2	-18.3	-93.8	726.3
ATACMS-BAT	136.8	-465.3	-875.2	-1,608.1	51.3	448.1	4.2	343.6	388.5	1,977.5	-	-	-13.9	-35.3	-308.3	660.5
ATIRCM/CMWS	20.3	-167.5	-676.4	-1,090.9	38.3	-265.6	113.0	113.0	225.0	672.9	-	-	-20.8	42.2	-300.6	-695.9
BLACK HAWK (UH-60L)	17.7	-477.5	-137.4	-2,435.3	-9.4	207.5	49.4	14.8	-118.7	-3,086.4	-	1.4	10.1	-117.2	-188.3	-5,892.7
BRADLEY UPGRADE	-36.9	-421.1	-	-1,142.7	74.7	341.0	94.0	281.4	185.1	1,051.3	-	-	0.8	234.3	317.7	344.2
CH-47F (ICH)	-38.9	-112.5	-	-	3.1	-3.3	18.4	18.4	-1.1	-10.4	-	-	73.8	73.8	55.3	-34.0
CHEM DEMIL	-37.8	-339.3	-	-	-	-2.4	-	-	-1,374.2	-1,793.7	8.7	8.7	-	-	-1,403.3	-2,126.7
COMANCHE	-36.3	-335.3	-	649.1	-	203.2	73.1	1,227.9	10.6	4,338.0	-	-	-	-	47.4	6,082.9
CRUSADER	-49.1	-286.5	-	140.0	492.5	675.6	955.7	955.7	-1.8	37.5	-	-	-	-	1,397.3	1,522.3
FMTV	21.3	-3,270.8	-1,166.1	-449.9	207.4	-462.2	313.3	975.1	-11.8	2,569.2	-	11.6	41.7	-504.9	-594.2	-1,131.9
JAVELIN	15.6	-80.3	-334.9	-147.2	-31.8	-14.9	-1.2	7.0	131.3	134.9	-	-	-89.7	-5.7	-310.7	-106.2
JSTARS CGS	-3.0	-8.2	-	115.3	0.5	-16.6	9.7	335.1	-0.4	-370.6	-	-	-	93.9	6.8	148.9
LONGBOW APACHE	-36.9	-408.0	-	-1,426.6	-	36.9	19.6	795.7	138.7	541.3	-	-	-62.3	487.2	59.1	26.5
LONGBOW HELLFIRE	-10.5	-174.3	-	-	-	7.2	26.0	47.5	7.1	63.8	-	-	-7.8	-1.4	14.8	-111.9
MCS	-11.3	9.2	-33.6	944.6	7.2	489.5	-	289.8	87.4	-1,506.6	-	-	358.2	557.4	407.9	783.9
MLRS UPGRADE	-60.8	-121.8	-0.8	1,016.2	11.9	36.6	-	-	-6.8	-45.7	-	-	13.6	105.9	-42.9	991.2
SADARM	222.8	-4.4	-953.9	-383.8	-484.9	221.7	-143.5	131.5	-452.3	234.4	-	-	-18.4	5.4	-1,830.2	204.8
SINGARS	-1.7	-76.8	87.5	-645.8	28.3	810.5	1.4	95.5	-100.1	-1,591.1	-	-	26.3	-319.0	41.7	-1,726.7
SMART-T	-2.7	-2.7	-	-1.6	-	-	-31.9	-31.9	-1.9	-23.4	-	-	9.1	13.9	-27.4	-45.7
Subtotal	72.3	-7,293.7	-4,145.8	-5,603.2	385.6	2,573.1	1,641.6	5,770.1	842.4	5,441.9	8.7	21.7	327.2	724.3	-868.0	1,634.2
NAVY:																
AAAV	-18.4	-68.2	-	-	-	-	107.6	107.6	19.2	69.0	-	-	-	-	108.4	108.4
AIM-9X	2.4	-245.8	3.5	20.3	59.6	68.5	0.4	170.4	-338.2	-145.2	-	-	2.0	-278.3	-270.3	-410.1
AV-8B REMANUFACTURE	-3.6	-171.3	-	-20.9	1.0	39.8	-	69.3	16.7	-109.7	-	-	-6.3	159.6	7.8	-33.2
CEC	-11.6	-150.0	13.6	249.1	-	126.7	76.0	36.3	163.7	1,410.8	-	-	12.9	-396.8	254.6	1,276.1
CH-60S	-18.0	-72.8	1,155.9	1,155.9	-13.5	-21.7	-	-	48.9	140.2	-	-	-26.3	-22.8	1,147.0	1,178.8
CVN-76	-28.6	-306.9	-	-	-	-	-	35.6	-6.8	477.6	87.1	87.1	-	-	51.7	293.4
CVN-77	-115.0	-504.6	-	-	-	-141.4	-	-65.7	77.6	343.8	127.0	127.0	-	-	89.6	-240.9
DD 21	-27.0	-124.5	-	-	-	-	650.3	1,672.3	1,405.1	1,582.7	-	-	-	-	2,028.4	3,130.5
DDG 51	-530.9	-5,136.8	1,003.5	32,718.2	68.3	1,039.5	-	1,997.9	1,301.5	5,071.3	-	-	-	-	1,842.4	35,690.1
E-2C REPRODUCTION	-7.8	-257.6	-	-	-	19.3	17.5	325.1	13.6	-137.2	-	-	39.7	55.7	63.0	5.3
F/A-18 E/F	-329.9	-9,089.1	-	-31,895.2	32.6	1,059.8	35.3	-1,374.3	100.5	598.8	-	-	142.3	-6,894.4	-19.2	-47,594.4
JSOW	-81.0	-455.5	-3.2	-1,324.6	11.7	-87.0	-	-	11.4	-3,093.9	-	-	-21.9	-310.6	-83.0	-5,271.6
LHD 1	-20.7	-1,376.7	1,400.8	6,952.9	-40.2	-368.4	4.4	40.5	1,082.0	553.3	-	-	-	-	2,426.3	5,801.6
LPD 17	-293.2	-818.1	-	-	-	-	-	-	1,111.9	756.4	-	-	-	-	818.7	-61.7
MIDS-LVT	-6.1	-69.5	11.7	422.4	2.8	15.5	4.9	-36.6	102.0	83.1	-	-	13.8	-53.2	129.1	361.7
NESP	-8.2	-205.0	262.8	141.9	-11.4	59.3	-	69.2	-261.9	-206.3	-	-	22.5	-144.1	3.8	-285.0
SH-60R	-23.8	-606.2	934.3	943.2	27.6	-110.5	-	-469.6	-39.8	755.1	-	-	-38.1	-324.5	860.2	187.5
SSN 21 / AN/BSY-2	-31.4	253.6	-	-15,562.8	-	6,379.3	-	-	161.3	-205.9	-	-	-15.4	-764.8	-252.7	-8,582.6
SSN 774 (NSSN)	-1,752.0	-13,718.5	-	-	153.1	1,008.0	2.4	1,197.3	1,951.7	5,822.5	280.0	280.0	-110.6	7.4	524.6	-5,403.3
STD MSL 2	-13.6	-965.4	-2.1	-2,767.3	-5.8	1,617.5	0.2	334.9	44.4	375.8	-	-	-35.4	-45.8	-12.3	-1,450.3
STRATEGIC SEALIFT	-49.7	63.0	375.6	24.1	39.4	299.8	-	-	-46.1	-820.7	-	-	-	-	319.2	-433.8
T-45TS	131.6	8.6	-1,362.9	-166.4	49.3	-176.5	-5.9	19.6	-53.1	186.3	-	-	-387.6	-229.0	-1,628.6	-357.4
TACTICAL TOMAHAWK	-12.9	-12.9	-	-	23.8	23.8	-	-	-29.4	-29.4	-	-	-11.7	-11.7	-30.2	-30.2
TRIDENT II MSL	-24.8	-421.7	-	-10,097.3	-	1,580.9	-	-	-240.8	-141.6	-	-	93.8	745.0	-171.8	-8,334.7
USMC H-1 UPGRADES	-36.5	-249.0	-	-	-	-5.1	-	268.5	48.0	66.9	-	-	75.8	102.2	87.3	183.5
V-22	-243.8	-6,051.7	-	11,947.2	42.2	-3,517.7	-	441.1	2,381.6	6,338.3	-	-	-288.1	-707.3	1,891.9	8,449.9
Subtotal	-3,554.5	-40,752.6	3,793.5	-7,259.3	440.5	8,909.4	893.1	5,000.7	8,657.8	20,898.7	494.1	494.1	-538.6	-9,113.4	10,185.9	-21,822.4
USAF:																
ABL	-18.9	-142.8	-	-	875.2	1,239.9	-	-	-24.7	-50.8	-	-	-	-	831.6	1,046.3
AEHF	-18.5	-18.5	-	-	-	-	-	-	-286.2	-286.2	-	-	-	-	-304.7	-304.7
AMRAAM	-15.4	-376.4	-	-2,977.1	5.1	1,756.1	4.4	571.9	34.0	-1,739.1	-	-	-50.4	-10.9	-22.3	-2,775.5
AWACS RSIP (E-3)	-4.0	-20.9	-	-	1.2	27.1	-	-	24.3	-7.6	-	-	42.3	84.4	63.8	83.0
B-1B CMUP	-8.7	-90.3	-	-9.6	115.3	117.4	-	-5.3	93.6	440.0	-	-	1.6	4.9	201.8	457.1
C-130J	50.3	-3.2	-318.3	1,247.5	-71.3	-292.9	-	0.4	-20.4	236.0	-	-	133.3	605.7	-226.4	1,793.5
C-17A	-219.1	-1,547.9	-	-9,536.0	23.5	3,297.7	94.1	264.2	105.1	10,423.4	-	348.0	-57.1	-201.2	-53.5	3,048.2

Distribution of Cost Changes (Then-Year Dollars)

As Of Date: December 31, 1999

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
EELV	-277.6	-277.6	-	-	105.8	105.8	-	-	68.6	68.6	-	-	-	-	-103.2	-103.2
F-22	-646.2	-11,104.3	-300.1	-32,935.1	-	6,213.8	-	253.0	516.1	5,285.4	-	-	-369.8	-4,881.7	-800.0	-37,168.9
GBS	-1.7	-20.9	30.6	45.8	27.7	27.9	4.6	4.6	5.5	-30.2	-	-	0.7	0.8	67.4	28.0
JASSM	-12.1	-57.5	12.6	16.2	105.2	152.8	-	-56.3	-20.8	-39.5	-	-	10.4	12.4	95.3	28.1
JDAM	-15.3	-264.6	-	16.8	89.2	156.1	-	-19.0	-7.6	-632.0	-	-	-30.8	-23.2	35.5	-765.9
JPATS	-51.8	-601.2	-	-	-3.4	-51.2	-	-	34.0	707.5	-	-	90.5	-131.1	69.3	-76.0
JSTARS	7.4	-15.2	247.9	-1,114.3	-	-	26.2	472.4	0.3	-420.5	-	-	-35.9	-87.4	245.9	-1,165.0
MILSTAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
MINUTEMAN III GRP	-15.0	-97.4	-	-	-22.2	198.4	1.8	-5.3	-39.6	542.7	-	-	-4.2	49.8	-79.2	688.2
MINUTEMAN III PRP	-20.2	-134.9	-	-	-	13.0	-	-	-14.8	-602.4	-	-	1.0	47.4	-34.0	-676.9
NAS	-3.9	-68.2	99.8	271.7	43.1	105.2	31.9	41.2	14.2	-166.7	-	-	32.3	30.2	217.4	213.4
NAVSTAR SATELLITE	-70.8	-1,278.1	-131.7	4,953.0	-	618.0	1,189.0	2,402.0	380.3	2,188.3	-	-	31.3	359.6	1,398.1	9,242.8
NAVSTAR USER EQMT	-10.0	-417.7	180.4	1,586.9	174.1	1,005.1	274.7	311.1	-123.2	-574.0	-	-	-335.6	87.5	160.4	1,998.9
SBIRS (High)	-13.7	-140.5	-	27.4	-155.1	339.1	82.1	82.1	137.1	-462.0	-	-	23.3	54.5	73.7	-99.4
SBIRS (Low)	-29.9	-29.9	-	-	-	-	-	-	-12.6	-12.6	-	-	-	-	-42.5	-42.5
TITAN IV	-20.7	-1,394.4	-	710.1	-	5,278.6	-	-2,735.8	585.3	12,767.9	-	-	-104.9	872.0	459.7	15,498.4
Subtotal	-1,415.8	-18,102.4	-178.8	-37,696.7	1,313.4	20,307.9	1,708.8	1,581.2	1,448.5	27,636.2	-	348.0	-622.0	-3,126.3	2,254.1	-9,052.1
DoD:																
JSF	-185.0	-2,588.8	-	-	-	-	-	1,420.0	2.2	-451.5	-	-	-	-	-182.8	-1,620.3
NAVY AREA TBMD	-86.3	-423.3	-	-	-310.2	-136.2	35.2	-23.8	143.3	831.1	-	-	319.6	333.4	101.6	581.2
NMD	-63.0	-243.3	1,507.1	1,507.1	386.1	386.1	-	-287.1	3,653.4	6,300.2	-	-	442.6	442.6	5,926.2	8,105.6
NPOESS	-53.6	-354.2	-	-	95.5	153.5	2.1	-67.1	372.3	284.4	-	-	-	-	416.3	16.6
NTW TBMD	-24.8	-24.8	-	-	-	-	-	-	614.6	614.9	-	-	-	-	589.8	590.1
PATRIOT PAC-3	-25.5	-263.0	1,141.0	35.3	563.5	535.2	136.4	719.0	539.3	2,536.6	-	-	9.4	195.2	2,364.1	3,758.3
THAAD	-42.9	-558.7	-	-235.6	211.8	2,401.6	76.5	1,457.7	652.4	2,201.9	-	-	-	-	897.8	5,266.9
Subtotal	-481.1	-4,456.1	2,648.1	1,306.8	946.7	3,340.2	250.2	3,218.7	5,977.5	12,317.6	-	-	771.6	971.2	10,113.0	16,698.4
Grand Total	-5,379.1	-70,604.8	2,117.0	-49,252.4	3,086.2	35,130.6	4,493.7	15,570.7	16,926.2	66,294.4	502.8	863.8	-61.8	-10,544.2	21,685.0	-12,541.9

Program Funding Status (Dollars in Millions)
As of Date: December 31, 1999

Weapon System	Prior Years	FY2000 Budget	FY2001 Budget	Balance of Program	Total
ARMY:					
ABRAMS UPGRADE	4,724.3	665.7	588.0	3,998.3	9,976.3
ATACMS-APAM	2,119.6	90.8	15.1	9.0	2,234.5
ATACMS-BAT	1,608.6	370.7	327.8	3,641.1	5,948.2
ATIRCM/CMWS	350.8	97.9	61.3	2,155.7	2,665.7
BLACK HAWK (UH-60L)	4,197.6	215.8	86.8	322.3	4,822.5
BRADLEY UPGRADE	1,055.5	347.6	396.9	2,583.0	4,383.0
CH-47F (ICH)	65.6	28.2	121.0	2,866.6	3,081.4
CHEM DEMIL	6,149.8	1,098.0	1,099.9	4,835.9	13,183.6
COMANCHE	4,200.3	463.1	614.0	2,938.5	8,215.9
CRUSADER	1,083.5	262.2	355.5	2,601.1	4,302.3
FMTV	1,945.9	426.1	440.3	14,977.1	17,789.4
JAVELIN	2,250.9	444.5	409.6	714.8	3,819.8
JSTARS CGS	1,117.7	126.6	90.5	105.7	1,440.5
LONGBOW APACHE	3,459.8	826.5	775.0	3,694.4	8,755.7
LONGBOW HELLFIRE	1,433.9	292.9	297.7	499.2	2,523.7
MCS	834.8	70.7	71.8	1,078.7	2,056.0
MLRS UPGRADE	391.2	177.6	222.3	4,100.5	4,891.6
SADARM	661.9	39.0	36.1	2.9	739.9
SINCGARS	3,827.3	32.7	18.3	6.7	3,885.0
SMART-T	428.2	67.1	85.3	154.1	734.7
Subtotal	41,907.2	6,143.7	6,113.2	51,285.6	105,449.7
NAVY:					
AAAV	279.2	114.2	137.9	511.2	1,042.5
AIM-9X	380.4	81.6	98.0	2,262.8	2,822.8
AV-8B REMANUFACTURE	1,573.2	316.9	235.1	-	2,125.2
CEC	1,429.1	334.3	175.2	1,910.6	3,849.2
CH-60S	216.2	363.3	263.6	3,489.7	4,332.8
CVN-76	4,485.2	2.1	22.9	80.4	4,590.6
CVN-77	235.5	784.9	4,092.0	187.5	5,299.9
DD 21	297.6	281.6	549.7	4,090.6	5,219.5
DDG 51	40,617.7	2,981.9	3,409.3	8,798.7	55,807.6
E-2C REPRODUCTION	1,862.2	431.8	352.7	546.5	3,193.2
F/A-18 E/F	12,845.0	3,059.8	3,080.6	28,003.2	46,988.6
JSOW	1,171.5	185.6	262.7	4,314.5	5,934.3
LHD 1	7,798.2	371.1	19.1	2,064.2	10,252.6
LPD 17	1,808.1	1,519.2	1,576.8	5,796.0	10,700.1
MIDS-LVT	612.3	172.3	89.2	607.4	1,481.2
NESP	1,443.8	159.9	164.2	320.8	2,088.7
SH-60R	721.0	348.9	246.9	4,507.1	5,823.9
SSN 21 / AN/BSY-2	12,965.1	107.8	22.4	61.2	13,156.5
SSN 774 (NSSN)	8,752.0	1,033.5	1,948.7	53,943.3	65,677.5
STD MSL 2	8,234.2	120.1	118.7	1,143.9	9,616.9
STRATEGIC SEALIFT	5,838.3	316.3	-	-	6,154.6
T-45TS	4,495.1	343.5	280.7	122.8	5,242.1
TACTICAL TOMAHAWK	217.9	212.4	40.3	1,362.6	1,833.2
TRIDENT II MSL	23,886.4	493.1	464.1	2,340.2	27,183.8
USMC H-1 UPGRADES	266.1	183.3	139.7	3,141.9	3,731.0
V-22	8,888.4	1,243.8	1,893.1	26,086.9	38,112.2
Subtotal	151,319.7	15,563.2	19,683.6	155,694.0	342,260.5
USAF:					
ABL	507.5	304.2	148.6	2,585.2	3,545.5
AEHF	177.2	95.5	246.4	1,866.8	2,385.9
AMRAAM	8,540.9	201.8	203.1	1,391.1	10,336.9
AWACS RSIP (E-3)	652.7	63.6	79.9	178.1	974.3
B-1B CMUP	1,179.5	237.7	165.1	782.2	2,364.5
C-130J	1,030.2	135.2	208.1	1,259.7	2,633.2
C-17A	28,371.1	3,540.0	3,079.8	9,869.2	44,860.1

Program Funding Status (Dollars in Millions)
As of Date: December 31, 1999

Weapon System	Prior Years	FY2000 Budget	FY2001 Budget	Balance of Program	Total
EELV	547.7	386.1	692.6	15,618.2	17,244.6
F-22	20,290.1	2,248.2	3,993.3	35,408.5	61,940.1
GBS	204.0	61.3	61.4	198.4	525.1
JASSM	480.2	166.4	122.3	1,332.5	2,101.4
JDAM	613.9	284.8	270.2	1,457.5	2,626.4
JPATS	549.6	209.9	215.1	3,000.0	3,974.6
JSTARS	7,272.9	469.0	400.2	455.0	8,597.1
MILSTAR	-	-	-	-	-
MINUTEMAN III GRP	826.6	185.5	195.3	1,117.0	2,324.4
MINUTEMAN III PRP	300.3	119.7	138.2	1,584.2	2,142.4
NAS	157.2	87.3	106.7	653.3	1,004.5
NAVSTAR SATELLITE	4,405.3	243.6	468.0	6,432.6	11,549.5
NAVSTAR USER EQMT	4,585.6	301.2	245.4	1,742.5	6,874.7
SBIRS (High)	1,372.3	426.4	586.4	1,662.8	4,047.9
SBIRS (Low)	1,026.1	225.6	241.0	2,688.0	4,180.7
TITAN IV	15,572.7	756.3	703.2	995.4	18,027.6
Subtotal	98,663.6	10,749.3	12,570.3	92,278.2	214,261.4
DoD:					
JSF	3,022.7	522.8	922.8	18,711.4	23,179.7
NAVY AREA TBMD	1,567.5	420.1	345.1	4,478.5	6,811.2
NMD	4,726.3	965.2	1,916.3	12,644.4	20,252.2
NPOESS	287.4	120.1	153.2	4,784.9	5,345.6
NTW TBMD	1,306.8	375.8	382.7	2,988.8	5,054.1
PATRIOT PAC-3	4,931.1	583.9	478.8	4,146.1	10,139.9
THAAD	3,737.9	603.0	549.9	4,699.8	9,590.6
Subtotal	19,579.7	3,590.9	4,748.8	52,453.9	80,373.3
Grand Total	311,470.2	36,047.1	43,115.9	351,711.7	742,344.9