UNCLASSIFIED

SAR PROGRAM ACQUISITION COST SUMMARY
As of SEP 30 81
($ In Millions)

Weapon System	Status	Program Base Year	DEVELOPMENT ESTIMATE a/ Program Cost: Program Base Year Dollars	Projected Escalation	Total	COST CHANGES TO DATE: Quantity Changes In Program Base Year Dollars	Other Changes In Program Base Year Dollars	Actual and Projected Escalation	Total	CURRENT ESTIMATE Program Cost: Program Base Year Dollars	Actual and Projected Escalation	Total	COST CHANGES THIS QUARTER: Program Changes In Base Year Dollars	Actual and Projected Escalation	Total	% COST GROWTH: Base Year Adjust for Quantity	Total Adjust for Quantity	Weapon System
CONGRESSIONAL SAR SUBMISSION																		CONGRESSIONAL SAR SUBMISSION
ARMY																		ARMY
PATRIOT (Fire Sections)	Proc	1972	4239.6	1000.9	5240.5	-1384.1	1153.6	3455.9	3225.4	4009.1	4456.8	8465.9	-	-	-	40	149	PATRIOT (Fire Sections)
PERSHING II	Dev	1979	1186.0	385.0	1571.0	-	63.7	159.5	223.2	1249.7	544.5	1794.2	-	-	-	5	14	PERSHING II
HELLFIRE	Proc	1975	508.2	226.9	735.1	-0.1	259.4	489.7	749.0	767.5	716.6	1484.1	-	-	-	51	101	HELLFIRE
CH-47 MODERNIZATION	Proc	1975	882.5	680.3	1562.8	154.7	166.9	1152.5	1474.1	1204.1	1832.8	3036.9	-	-	-	16	44	CH-47 MODERNIZATION
UH-60A (BLACK HAWK)	Proc	1971	1941.7	365.6	2307.3	-20.2	663.3	4793.4	5436.5	2584.8	5159.0	7743.8	109.2	304.6	413.8	35	239	UH-60A (BLACK HAWK)
AH-64 (AAH)	Proc	1972	1875.7	1882.4	3758.1	-	321.8	1880.2	2202.0	2197.5	3762.6	5960.1	-	-	-	17	59	AH-64 (AAH)
SOTAS (Division Sets)	Dev	1979	912.3	370.5	1282.8	-247.0	663.7	539.4	956.1	1329.0	909.9	2238.9	-	-	-	100	152	SOTAS (Division Sets)
FVS (MICV)	Proc	1972	474.6	251.8	726.4	1012.5	2257.0	7785.5	11055.0	3744.1	8037.3	11781.4	-	-	-	152	212	FVS (MICV)
M-1 Tank	Proc	1972	2392.8	2386.6	4779.4	1578.3	1209.0	11245.8	14033.1	5180.1	13632.4	18812.5	82.7	143.9	226.6	30	97	M-1 Tank
ROLAND(Fire Units)	Proc	1975	838.0	281.5	1119.5	17.9	951.4	1235.3	2204.6	1807.3	1516.8	3324.1	-	-	-	111	163	ROLAND(Fire Units)
COPPERHEAD (CLGP)	Proc	1975	842.9	397.8	1240.7	-400.7	384.2	347.1	330.6	826.4	744.9	1571.3	-	-	-	87	163	COPPERHEAD (CLGP)
DIVAD Gun	Proc	1978	2206.3	979.5	3185.8	59.5	249.2	976.1	1284.8	2515.0	1955.6	4470.6	-	-	-	11	38	DIVAD Gun
MLRS (GSRS)	Proc	1978	2231.6	1222.4	3454.0	23.8	-31.8	526.9	518.9	2223.6	1749.3	3972.9	12.3	5.8	18.1	-1	13	MLRS (GSRS)
NAVY																		NAVY
F-14A	Proc	1969	5391.4	774.6	6166.0	1095.2	1574.1	3381.8	6051.1	8060.7	4156.4	12217.1	-0.4	-0.6	-1.0	24	55	F-14A
F-18	Proc	1975	8016.6	4858.7	12875.3	3079.6	2808.9	16529.4	22417.9	13905.1	21388.1	35293.2	-1.7	-2.1	-3.8	25	79	F-18
AV-8B	Dev	1979	5740.6	3384.9	9125.5	-	-120.6	113.5	-7.1	5620.0	3498.4	9118.4	-116.8	115.5	-1.3	-2	-	AV-8B
LAMPS MK III	Dev	1976	2396.7	1510.9	3907.6	40.8	746.9	1673.9	2461.6	3184.4	3184.8	6369.2	-	-	-	31	59	LAMPS MK III
CAPTOR	Proc	1971	303.6	25.6	329.2	-75.5	485.2	813.7	1223.4	713.3	839.3	1552.6	0.4	0.4	0.8	213	311	CAPTOR
HARM	Dev	1978	977.8	380.1	1357.9	-116.3	279.5	620.0	783.2	1141.0	1000.1	2141.1	-	-	-	32	107	HARM
HARPOON	Proc	1970	795.0	236.8	1031.8	-37.2	283.0	870.2	1116.0	1040.8	1107.0	2147.8	-0.8	-0.4	-1.2	37	96	HARPOON
PHOENIX	Proc	1963	536.4	-	536.4	159.1	389.7	1542.9	2091.7	1085.2	1542.9	2628.1	-0.3	-0.3	-0.6	56	145	PHOENIX
SIDEWINDER AIM-9M	Proc	1976	179.1	154.3	333.4	32.3	16.6	56.9	105.8	228.0	211.2	439.2	-	-	-	8	9	SIDEWINDER AIM-9M
SPARROW AIM-7M	Proc	1978	633.4	261.5	894.9	2.5	-1.6	152.7	153.6	634.3	414.2	1048.5	0.9	0.1	1.0	0	16	SPARROW AIM-7M
TOMAHAWK	Proc	1977	1806.4	616.5	2422.9	-365.1	555.6	427.5	618.0	1996.9	1044.0	3040.9	-	-	-	39	49	TOMAHAWK
TRIDENT	Proc	1974	11294.4	1136.7	12431.1	3545.1	1592.0	12762.8	17899.9	16431.5	13899.5	30331.0 b/	-	-	-	11	31	TRIDENT
5-inch Guided Proj	Dev	1977	349.3	151.2	500.5	-31.0	98.9	196.7	264.6	417.2	347.9	765.1	-19.7	21.9	2.2	31	47	5-inch Guided Proj
SURTASS	Proc	1975	205.9	53.4	259.3	48.0	190.5	365.5	604.0	444.4	418.9	863.3	-	-	-	75	129	SURTASS
TACTAS	Dev	1976	426.6	174.5	601.1	-40.2	180.5	406.2	546.5	566.9	580.7	1147.6	-	-	-	47	95	TACTAS
SSN-688	Proc	1971	5126.8	620.7	5747.5	2100.0	-140.0	6867.7	8827.7	7086.8	7488.4	14575.2	-	-	-	-2	22	SSN-688
CG-47 (DDG-47)	Proc	1978	9013.7	5069.8	14083.5	2520.2	1493.9	4054.6	8068.7	13027.8	9124.4	22152.2	-	-	-	13	18	CG-47 (DDG-47)
FFG-7	Proc	1973	2620.4	624.1	3244.5	26.9	1946.0	5178.3	7151.2	4593.3	5802.4	10395.7	22.6	26.2	48.8	74	219	FFG-7
PHM	Proc	73/74	644.6	81.6	726.2	-482.7	147.2	71.8	-263.7	309.1	153.4	462.5	1.2	1.0	2.2	91	140	PHM
CVN-71	Proc	1979	1808.3	612.3	2420.6	-	49.6	125.1	174.7	1857.9	737.4	2595.3	-	-	-	3	7	CVN-71
AIR FORCE																		AIR FORCE
A-10	Proc	1970	1768.4	721.3	2489.7	33.8	583.6	2305.5	2922.9	2385.8	3026.8	5412.6	0.9	1.4	2.3	32	111	A-10
F-15	Proc	1970	5988.1	1367.1	7355.2	146.6	1756.5	6120.6	8023.7	7891.2	7487.7	15378.9	0.8	2.4	3.2	29	97	F-15
F-16	Proc	1975	4376.8	1677.7	6054.5	2946.7	2627.5	8714.5	14288.7	9951.0	10392.2	20343.2	40.9	40.9	81.8	36	78	F-16
E-3A (AWACS)	Proc	1970	2150.9	510.7	2661.6	-43.7	449.1	1383.8	1789.2	2556.3	1894.5	4450.8	-0.5	0.4	-0.1	21	61	E-3A (AWACS)
E-4 (AABNCP)	Proc	1974	442.9	41.4	484.3	-52.0	237.9	382.3	568.2	628.8	423.7	1052.5	-0.4	-0.2	-0.6	61	149	E-4 (AABNCP)
EF-111A	Proc	1973	413.4	218.5	631.9	-	289.7	494.8	784.5	703.1	713.3	1416.4	-0.1	-	-0.1	70	124	EF-111A
PLSS	Dev	1977	678.2	276.3	954.5	-394.9	45.9	-131.9	-480.9	329.2	144.4	473.6	-	-	-	16	57	PLSS
HARM (AGM-88)	Dev	1978	704.0	348.0	1052.0	624.0	338.4	1435.6	2398.0	1666.4	1783.6	3450.0	-	-	-	25	24	HARM (AGM-88)
MAVERICK (IIR)	Dev	1975	995.1	597.8	1592.9	512.0	213.1	1810.7	2535.8	1720.2	2408.5	4128.7	-	-	-	14	31	MAVERICK (IIR)
SIDEWINDER AIM-9M	Proc	1976	152.0	125.6	277.6	85.2	43.3	104.1	232.6	280.5	229.7	510.2	-	-	-	18	7	SIDEWINDER AIM-9M
SPARROW AIM-7M	Proc	1978	280.3	82.9	363.2	461.8	199.3	554.0	1215.1	941.4	636.9	1578.3	-	-	-	27	23	SPARROW AIM-7M
DSCS III (Space Seg)	Proc	1977	631.1	262.5	893.6	-	84.4	191.9	276.3	715.5	454.4	1169.9	0.9	0.4	1.3	13	31	DSCS III (Space Seg)
NAVSTAR GPS	Dev	1979	1558.1	748.6	2306.7	-	13.2	-122.9	-109.7	1571.3	625.7	2197.0	-	-	-	1	-5	NAVSTAR GPS
ALCM	Proc	1977	3129.1	1054.9	4184.0	-15.1	603.8	1247.4	1836.1	3717.8	2302.3	6020.1	79.5	74.2	153.7	19	45	ALCM
GLCM	Proc	1977	1053.6	473.6	1527.2	-134.1	863.5	929.5	1658.9	1783.0	1403.1	3186.1	-	-	-	94	145	GLCM
PROGRAM COST SUMMARY																		PROGRAM COST SUMMARY
ARMY			20532.2	10431.2	30963.4	794.6	8311.4	34587.3	43693.3	29638.2	45018.5	74656.7	204.2	454.3	658.5	39	103	ARMY
NAVY			58267.0	20728.2	78995.2	11501.7	12575.9	56211.2	80288.8	82344.6	76939.4	159284.0	-114.6	161.7	47.1	18	46	NAVY
AIR FORCE			24322.0	8506.9	32828.9	4170.3	8349.2	25419.9	37939.4	36841.5	33926.8	70768.3	122.0	119.5	241.5	29	67	AIR FORCE
GRAND TOTAL			103121.2	39666.3	142787.5	16466.6	29236.5	116218.4	161921.5	148824.3	155884.7	304709.0	211.6	735.5	947.1	24	62	GRAND TOTAL

a/ The estimates of Program Acquisition Costs developed at the time of the Secretary of Defense approved full-scale engineering development (DSARC II).

b/ TRIDENT Current Estimate excludes TRIDENT (C-4) Backfit Program Costs estimated at $4,135.9 as of September 30, 1981.

Department of Defense
OASD(Comptroller)
November 14, 1981

UNCLASSIFIED

SELECTED ACQUISITION REPORTS - HIGHLIGHTS
AS OF September 30, 1981

Selected Acquisition Reports of 45 major acquisitions transmitted to the Congress for September 30, 1981, reflect a total Current Estimate of Program Acquisition Cost of $304,709.0M. This compares to a Current Estimate of $303,761.9M for the same 45 major acquisitions reported in the June 30, 1981, quarter.

The changes in Current Estimate between June 1981 and September 1981 are summarized below:

	Current Estimate ($ Millions)
June 1981 (47 SARs)	$ 315,911.6
Minus Deleted SARs (E-2C, P-3C)	- 12,149.7
Adjusted 45 SARs	$ 303,761.9
September 1981 (45 SARs)	$ 304,709.0
Net Changes	$+ 947.1
Reasons for Change:	
Quantity Changes	+ 0.0
Schedule Changes	+ 54.3
Engineering Changes	+ 54.9
Estimating Changes	- 84.1
Support Changes	+ 174.2
Other Changes	+ 12.3
Total in Base-Year Constant Dollars	$+ 211.6
Economic Escalation	+ 157.3
Program Change Related Escalation	+ 578.2
Total	+ 947.1

The net increase between June 1981 and September 1981 is $947.1M. The $947.1M (0.3%) increase includes an increase of $658.5M (0.8%) for the Army, an increase of $47.1M (less than 0.1%) for the Navy, and an increase of $241.5M (0.3%) for the Air Force. The overall cost for the 45 SAR programs is $304.7B.

The significant cost changes and program highlights reported in the SARs this quarter are summarized below:

System	Service	Previous Estimate	Current Estimate	Change (%)
BLACK HAWK	Army	$ 7,330.0	$ 7,743.8	$+413.8 (5.6)
M-1	Army	$18,585.9	$18,812.5	$+226.6 (1.2)
ALCM	Air Force	$ 5,866.4	$ 6,020.1	$+153.7 (2.6)

The BLACK HAWK program costs increased by $413.8M due primarily to a revised cost estimate based on analysis of the airframe contractor's performance on the first three production contracts and the engine contractor's FY 1982 production contract proposal.

The M-1 program costs increased by a net $226.6M due primarily to: a change in the 105mm/120mm tank mix (the number of 120mm tanks is being reduced from 4343 to 3216 to conform to the revised delivery start date of August 1985) ($-116.5M): increased first increment of Block Improvements which will be integrated concurrently with the 120mm gun program and the funding of the second increment of the Block Improvements along with increased scope of RAM-D/maintenance burden ($+284.2M): refinement of the cost estimates ($+19.1M): and an increased estimate for auxiliary services (utilities and plant support operations) and initial spares and a reduced estimate for training equipment cost ($+39.8M).

The ALCM program costs increased $153.7M due primarily to a fuel price adjustment decrease and a reestimate of the Propulsion Program and Support Equipment requirements.

DISTRIBUTION OF COST CHANGES BETWEEN DEVELOPMENT ESTIMATES AND CURRENT ESTIMATE
BY CATEGORY OF CHANGE
AS OF SEP 30 81
($ In Millions)

WEAPON SYSTEM	Base Year	Program Changes in Program Base Year Constant Dollars: Quantity Changes This Qtr	Quantity Changes To Date	Engineering This Qtr	Engineering To Date	Support This Qtr	Support To Date	Schedule This Qtr	Schedule To Date	Estimating This Qtr	Estimating To Date	Other This Qtr	Other To Date	Total This Qtr	Total To Date	Prog. Chge Related Escalation a/ This Qtr	Prog. Chge Related Escalation a/ To Date	Economic Escalation This Qtr	Economic Escalation To Date	Total Cost Changes This Qtr	Total Cost Changes To Date	WEAPON SYSTEM
ARMY																						ARMY
PATRIOT (Fire Sections)	72	-	-1384.1	-	-353.4	-	396.8	-	394.3	-	691.4	-	24.5	-	-230.5	-	1623.1	-	1832.8	-	3225.4	PATRIOT (Fire Sections)
PERSHING II	79	-	-	-	-4.8	-	17.9	-	26.6	-	24.0	-	-	-	63.7	-	-25.0	-	184.5	-	223.2	PERSHING II
HELLFIRE	75	-	-0.1	-	44.3	-	8.6	-	20.2	-	186.3	-	-	-	259.3	-	347.3	-	142.4	-	749.0	HELLFIRE
CH-47 MODERNIZATION	75	-	154.7	-	-	-	42.5	-	-	-	124.4	-	-	-	321.6	-	775.4	-	377.1	-	1474.1	CH-47 MODERNIZATION
UH-60A (BLACK HAWK)	71	-	-20.2	-	-2.7	2.5	-102.4	-	-85.0	106.7	840.0	-	13.4	109.2	643.1	304.6	3257.8	-	1535.6	413.8	5436.5	UH-60A (BLACK HAWK)
AH-64 (AAH)	72	-	-	-	22.9	-	66.3	-	120.4	-	112.2	-	-	-	321.8	-	1146.0	-	734.2	-	2202.0	AH-64 (AAH)
SOTAS (Division Sets)	79	-	-247.0	-	24.7	-	32.5	-	112.2	-	494.3	-	-	-	416.7	-	577.8	-	-38.4	-	956.1	SOTAS (Division Sets)
FVS (MICV)	72	-	1012.5	-	551.8	-	332.5	-	10.1	-	1351.6	-	11.0	-	3269.5	-	7551.4	-	234.1	-	11055.0	FVS (MICV)
M-1 Tank	72	-	1578.3	94.9	200.6	11.5	154.3	-14.1	82.4	-9.6	771.7	-	-	82.7	2787.3	143.9	10081.8	-	1164.0	226.6	14033.1	M-1 Tank
ROLAND(Fire Units)	75	-	17.9	-	52.4	-	155.4	-	45.0	-	634.1	-	64.5	-	969.3	-	960.0	-	275.3	-	2204.6	ROLAND(Fire Units)
COPPERHEAD (CLGP)	75	-	-400.7	-	15.4	-	10.9	-	138.0	-	215.3	-	4.6	-	-16.5	-	208.4	-	138.7	-	330.6	COPPERHEAD (CLGP)
DIVAD Gun	78	-	59.5	-	-	-	-11.2	-	-	-	260.4	-	-	-	308.7	-	786.8	-	189.3	-	1284.8	DIVAD Gun
MLRS (GSRS)	78	-	23.8	-	-	-	-42.7	-	65.8	-	-67.2	12.3	12.3	12.3	-8.0	5.8	117.7	-	409.2	18.1	518.9	MLRS (GSRS)
NAVY																						NAVY
F-14A	69	-	1095.2	-	122.4	-0.5	597.6	-	306.2	0.1	474.1	-	73.8	-0.4	2669.3	-0.6	2060.9	-	1320.9	-1.0	6051.1	F-14A
F-18	75	-	3079.6	-	160.4	0.6	591.4	-	213.7	-2.3	1843.4	-	-	-1.7	5888.5	-2.1	8934.2	-	7595.2	-3.8	22417.9	F-18
AV-8B	79	-	-	-	-	-	-	-	-	-116.8	-120.6	-	-	-116.8	-120.6	-0.7	-2.7	116.2	116.2	-1.3	-7.1	AV-8B
LAMPS MK III	76	-	40.8	-	36.6	-	-1.6	-	-19.8	-	731.7	-	-	-	787.7	-	1102.8	-	571.1	-	2461.6	LAMPS MK III
CAPTOR	71	-	-75.5	-	108.9	-	131.9	-	63.3	0.4	181.1	-	0.0	0.4	409.7	0.4	806.1	-	7.6	0.8	1223.4	CAPTOR
HARM	78	-	-116.3	-	12.0	-	-	-	196.3	-	71.2	-	0.0	-	163.2	-	536.3	-	83.7	-	783.2	HARM
HARPOON	70	-	-37.2	-	146.1	0.1	88.4	-	1.9	-0.9	46.6	-	-	-0.8	245.8	-0.4	555.4	-	314.8	-1.2	1116.0	HARPOON
PHOENIX	63	-	159.1	-	45.5	-0.1	40.8	-	197.8	-0.2	60.2	-	45.4	-0.3	548.8	-0.3	1145.2	-	397.7	-0.6	2091.7	PHOENIX
SIDEWINDER AIM-9M	76	-	32.3	-	-	-	4.4	-	15.8	-	-3.6	-	-	-	48.9	-	59.1	-	-2.2	-	105.8	SIDEWINDER AIM-9M
SPARROW AIM-7M	78	-	2.5	-	-	-	44.2	-	-64.9	0.9	19.1	-	-	0.9	0.9	0.1	42.5	-	110.2	1.0	153.6	SPARROW AIM-7M
TOMAHAWK	77	-	-365.1	-	105.0	-	168.1	-	150.5	-	132.0	-	-	-	190.5	-	456.9	-	-29.4	-	618.0	TOMAHAWK
TRIDENT	74	-	3545.1	-	4.2	-	28.4	-	826.7	-	459.4	-	273.3	-	5137.1	-	9623.3	-	3139.5	-	17899.9	TRIDENT
5-inch Guided Proj	77	-	-31.0	-	10.2	-	-	-	17.1	-19.7	71.6	-	-	-19.7	67.9	-19.2	191.2	41.1	5.5	2.2	264.6	5-inch Guided Proj
SURTASS	75	-	48.0	-	62.8	-	7.1	-	19.1	-	93.9	-	7.6	-	238.5	-	318.8	-	46.7	-	604.0	SURTASS
TACTAS	76	-	-40.2	-	58.7	-	-5.9	-	3.8	-	123.9	-	0.0	-	140.3	-	156.1	-	250.1	-	546.5	TACTAS
SSN-688	71	-	2100.0	-	181.5	-	17.9	-	14.6	-	-652.5	-	298.5	-	1960.0	-	4924.8	-	1942.9	-	8827.7	SSN-688
CG-47 (DDG-47)	78	-	2520.2	-	535.0	-	100.9	-	-	-	858.0	-	-	-	4014.1	-	3549.3	-	505.3	-	8068.7	CG-47 (DDG-47)
FFG-7	73	-	26.9	-	478.5	-	108.8	-	209.7	22.6	1149.0	-	-	22.6	1972.9	26.2	2367.4	-	2810.9	48.8	7151.2	FFG-7
PHM	73/74	-	-482.7	-	3.2	1.2	0.9	-	75.9	-	41.2	-	26.0	1.2	-335.5	1.0	57.1	-	14.7	2.2	-263.7	PHM
CVN-71	79	-	-	-	28.3	-	-	-	-	-	21.3	-	-	-	49.6	-	-27.6	-	152.7	-	174,7	CVN-71
AIR FORCE																						AIR FORCE
A-10	70	-	33.8	1.6	181.6	1.1	78.8	-	397.3	-1.8	-96.9	-	22.8	0.9	617.4	1.4	1189.6	-	1115.9	2.3	2922.9	A-10
F-15	70	-	146.6	-43.0	301.8	43.8	177.0	-	869.4	-	-210.8	-	619.1	0.8	1903.1	2.4	2584.4	-	3536.2	3.2	8023.7	F-15
F-16	75	-	2946.7	-	1033.6	10.4	1542.0	34.0	345.6	-3.5	-333.8	-	40.1	40.9	5574.2	40.9	6464.5	-	2250.0	81.8	14288.7	F-16
E-3A (AWACS)	70	-	-43.7	-	34.9	1.4	39.6	-	603.6	-1.9	-221.6	-	-7.4	-0.5	405.4	0.4	924.3	-	459.5	-0.1	1789.2	E-3A (AWACS)
E-4 (AABNCP)	74	-	-52.0	-	17.4	-	-15.5	-	204.8	-0.4	31.2	-	-	-0.4	185.9	-0.2	332.1	-	50.2	-0.6	568.2	E-4 (AABNCP)
EF-111A	73	-	-	-	-0.7	-	56.2	-	163.9	-0.1	61.6	-	8.7	-0.1	289.7	-	412.3	-	82.5	-0.1	784.5	EF-111A
PLSS	77	-	-394.9	-	19.8	-	-57.7	33.5	55.3	-33.5	28.5	-	-	0.0	-349.0	0.0	-200.6	-	68.7	0.0	-480.9	PLSS
HARM (AGM-88)	78	-	624.0	-	-	-	-17.0	-	321.1	-	34.3	-	-	-	962.4	-	1503.2	-	-67.6	-	2398.0	HARM (AGM-88)
MAVERICK (IIR)	75	-	512.0	-	-	-	56.6	-	15.1	-	141.4	-	0.0	-	725.1	-	1644.4	-	166.3	-	2535.8	MAVERICK (IIR)
SIDEWINDER AIM-9M	76	-	85.2	-	-	-	11.6	-	42.6	-	-10.9	-	-	-	128.5	-	134.9	-	-30.8	-	232.6	SIDEWINDER AIM-9M
SPARROW AIM-7M	78	-	461.8	-	-	-	33.6	-	7.6	-	158.1	-	-	-	661.1	-	770.6	-	-216.6	-	1215.1	SPARROW AIM-7M
DSCS III (Space Seg)	77	-	-	-	40.4	-	-	0.9	25.2	-	11.5	-	7.3	0.9	84.4	0.4	90.6	-	101.3	1.3	276.3	DSCS III (Space Seg)
NAVSTAR GPS	79	-	-	-	-	-	-	-	-	-	13.2	-	-	-	13.2	-	4.8	-	-127.7	-	-109.7	NAVSTAR GPS
ALCM	77	-	-15.1	1.4	171.6	102.2	191.5	-	22.1	-24.1	218.8	-	-0.2	79.5	588.7	74.2	701.3	-	546.1	153.7	1836.1	ALCM
GLCM	77	-	-134.1	-	35.5	-	268.3	-	18.2	-	467.6	-	73.9	-	729.4	-	702.2	-	227.3	-	1658.9	GLCM
SUMMARY																						SUMMARY
ARMY		0.0	794.6	94.9	551.2	14.0	1061.4	-14.1	930.0	97.1	5638.5	12.3	130.3	204.2	9106.0	454.3	27408.5	0.0	7178.8	658.5	43693.3	ARMY
NAVY		0.0	11501.7	0.0	2099.3	1.3	1923.3	0.0	2227.7	-115.9	5601.0	0.0	724.6	-114.6	24077.6	4.4	36857.1	157.3	19354.1	47.1	80288.8	NAVY
AIR FORCE		0.0	4170.3	-40.0	1835.9	158.9	2365.0	68.4	3091.8	-65.3	292.2	0.0	764.3	122.0	12519.5	119.5	17258.6	0.0	8161.3	241.5	37939.4	AIR FORCE
GRAND TOTAL		0.0	16466.6	54.9	4486.4	174.2	5349.7	54.3	6249.5	-84.1	11531.7	12.3	1619.2	211.6	45703.1	578.2	81524.2	157.3	34694.2	947.1	161921.5	GRAND TOTAL

a/ Escalation associated with program changes estimated from the base year of the program involved. The escalation related to each program change and the cost of the program change in base year dollars make up the cost of the program change in then year dollars (the actual or current cost of the change).

Department of Defense
OASD(Comptroller)
November 14, 1981

DISTRIBUTION OF COST CHANGES BETWEEN DEVELOPMENT ESTIMATES AND CURRENT ESTIMATE
BY CATEGORY OF CHANGE
AS OF SEP 30 81
($ In Millions)

WEAPON SYSTEM	Base Year	Program Changes in Program Then Year Dollars: Quantity Changes This Qtr	Quantity Changes To Date	Engineering This Qtr	Engineering To Date	Support This Qtr	Support To Date	Schedule This Qtr	Schedule To Date	Estimating This Qtr	Estimating To Date	Other This Qtr	Other To Date	Total This Qtr	Total To Date	Economic Escalation This Qtr	Economic Escalation To Date	Total Cost Changes This Qtr	Total Cost Changes To Date	WEAPON SYSTEM
ARMY																				ARMY
PATRIOT (Fire Sections)	72	-	-1842.5	-	-313.3	-	1004.8	-	970.8	-	1545.2	-	27.6	-	1392.6	-	1832.8	-	3225.4	PATRIOT (Fire Sections)
PERSHING II	79	-	-	-	-6.9	-	28.6	-	-23.1	-	40.1	-	-	-	38.7	-	184.5	-	223.2	PERSHING II
HELLFIRE	75	-	2.7	-	95.0	-	17.9	-	97.2	-	393.8	-	-	-	606.6	-	142.4	-	749.0	HELLFIRE
CH-47 MODERNIZATION	75	-	545.5	-	-	-	74.5	-	69.9	-	407.1	-	-	-	1097.0	-	377.1	-	1474.1	CH-47 MODERNIZATION
UH-60A (BLACK HAWK)	71	-	-22.0	-	54.3	3.4	-19.8	-	251.8	410.4	3616.7	-	19.9	413.8	3900.9	-	1535.6	413.8	5436.5	UH-60A (BLACK HAWK)
AH-64 (AAH)	72	-	-	-	57.2	-	195.4	-	599.4	-	615.8	-	-	-	1467.8	-	734.2	-	2202.0	AH-64 (AAH)
SOTAS (Division Sets)	79	-	-393.4	-	35.3	-	82.7	-	288.1	-	981.8	-	-	-	994.5	-	-38.4	-	956.1	SOTAS (Division Sets)
FVS (MICV)	72	-	3047.6	-	1758.7	-	1028.6	-	-64.6	-	5032.7	-	17.9	-	10820.9	-	234.1	-	11055.0	FVS (MICV)
M-1 Tank	72	-	4784.0	284.2	518.7	39.8	727.9	-116.5	541.8	19.1	6296.7	-	-	226.6	12869.1	-	1164.0	226.6	14033.1	M-1 Tank
ROLAND(Fire Units)	75	-	143.1	-	89.4	-	358.2	-	227.7	-	1020.9	-	90.0	-	1929.3	-	275.3	-	2204.6	ROLAND(Fire Units)
COPPERHEAD (CLGP)	75	-	-643.1	-	25.5	-	14.7	-	371.5	-	417.0	-	6.3	-	191.9	-	138.7	-	330.6	COPPERHEAD (CLGP)
DIVAD Gun	78	-	64.1	-	-	-	-6.5	-	606.1	-	431.8	-	-	-	1095.5	-	189.3	-	1284.8	DIVAD Gun
MLRS (GSRS)	78	-	48.7	-	-	-	-57.7	-	320.4	-	-219.8	18.1	18.1	18.1	109.7	-	409.2	18.1	518.9	MLRS (GSRS)
NAVY																				NAVY
F-14A	69	-	1730.3	-	162.3	-1.4	1083.6	-	1035.4	0.4	638.9	-	79.7	-1.0	4730.2	-	1320.9	-1.0	6051.1	F-14A
F-18	75	-	6870.4	-	381.5	1.1	1502.8	-	965.4	-4.9	5102.6	-	-	-3.8	14822.7	-	7595.2	-3.8	22417.9	F-18
AV-8B	79	-	-	-	-	-	-	-	-	-117.5	-123.3	-	-	-117.5	-123.3	116.2	116.2	-1.3	-7.1	AV-8B
LAMPS MK III	76	-	95.3	-	101.4	-	66.0	-	-43.5	-	1671.3	-	-	-	1890.5	-	571.1	-	2461.6	LAMPS MK III
CAPTOR	71	-	48.7	-	226.5	-	365.8	-	188.6	0.8	386.2	-	0.0	0.8	1215.8	-	7.6	0.8	1223.4	CAPTOR
HARM	78	-	-323.4	-	14.0	-	-	-	764.3	-	244.6	-	0.0	-	699.5	-	83.7	-	783.2	HARM
HARPOON	70	-	65.6	-	264.1	0.2	199.9	-	82.0	-1.4	189.6	-	-	-1.2	801.2	-	314.8	-1.2	1116.0	HARPOON
OENIX	63	-	537.9	-	112.1	-0.2	149.3	-	586.3	-0.4	250.9	-	57.5	-0.6	1694.0	-	397.7	-0.6	2091.7	PHOENIX
DEWINDER AIM-9M	76	-	70.1	-	-	-	10.4	-	34.4	-	-6.9	-	-	-	108.0	-	-2.2	-	105.8	SIDEWINDER AIM-9M
ARROW AIM-7M	78	-	5.6	-	-	-	87.9	-	-82.1	1.0	32.0	-	-	1.0	43.4	-	110.2	1.0	153.6	SPARROW AIM-7M
TOMAHAWK	77	-	-376.4	-	162.1	-	382.2	-	211.7	-	267.8	-	-	-	647.4	-	-29.4	-	618.0	TOMAHAWK
TRIDENT	74	-	10761.2	-	8.0	-	58.6	-	2626.5	-	779.1	-	527.0	-	14760.4	-	3139.5	-	17899.9	TRIDENT
5-inch Guided Proj	77	-	21.6	-	18.2	-	-	-	51.9	-38.9	167.4	-	-	-38.9	259.1	41.1	5.5	2.2	264.6	5-inch Guided Proj
SURTASS	75	-	118.1	-	118.0	-	19.7	-	104.8	-	187.4	-	9.3	-	557.3	-	46.7	-	604.0	SURTASS
TACTAS	76	-	-13.4	-	107.5	-	-5.6	-	32.7	-	175.2	-	0.0	-	296.4	-	250.1	-	546.5	TACTAS
SSN-688	71	-	6214.4	-	565.7	-	284.7	-	87.3	-	-680.1	-	412.8	-	6984.8	-	1942.9	-	8827.7	SSN-688
CG-47 (DDG-47)	78	-	4754.4	-	862.6	-	192.3	-	304.2	-	1449.9	-	-	-	7563.4	-	505.3	-	8068.7	CG-47 (DDG-47)
FFG-7	73	-	17.7	-	863.9	-	242.6	-	1626.0	48.8	1590.1	-	-	48.8	4340.3	-	2810.9	48.8	7151.2	FFG-7
PHM	73/74	-	-533.1	-	6.2	2.2	3.4	-	140.9	-	74.8	-	29.4	2.2	-278.4	-	14.7	2.2	-263.7	PHM
CVN-71	79	-	-	-	22.0	-	-	-	-	-	0.0	-	-	-	22.0	-	152.7	-	174.7	CVN-71
AIR FORCE																				AIR FORCE
A-10	70	-	78.1	3.8	374.3	2.6	182.6	-	1124.7	-4.1	18.5	-	28.8	2.3	1807.0	-	1115.9	2.3	2922.9	A-10
F-15	70	-	460.3	-137.7	599.6	140.9	668.7	-	1925.5	-	65.7	-	767.7	3.2	4487.5	-	3536.2	3.2	8023.7	F-15
F-16	75	-	5364.7	-	2412.7	22.0	2937.7	65.7	1551.3	-5.9	-284.1	-	56.4	81.8	12038.7	-	2250.0	81.8	14288.7	F-16
E-3A (AWACS)	70	-	105.6	-	47.3	4.9	188.2	-	1218.5	-5.0	-220.1	-	-9.8	-0.1	1329.7	-	459.5	-0.1	1789.2	E-3A (AWACS)
E-4 (AABNCP)	74	-	-61.1	-	22.2	-	-22.3	-	559.2	-0.6	20.0	-	-	-0.6	518.0	-	50.2	-0.6	568.2	E-4 (AABNCP)
EF-111A	73	-	-	-	20.3	-	140.9	-	371.2	-0.1	157.3	-	12.3	-0.1	702.0	-	82.5	-0.1	784.5	EF-111A
PLSS	77	-	-652.5	-	35.1	-	-78.9	48.0	96.6	-48.0	50.1	-	-	0.0	-549.6	-	68.7	0.0	-480.9	PLSS
HARM (AGM-88)	78	-	1730.9	-	-	-	-19.3	-	691.7	-	62.3	-	-	-	2465.6	-	-67.6	-	2398.0	HARM (AGM-88)
MAVERICK (IIR)	75	-	1563.3	-	-	-	145.6	-	267.5	-	393.1	-	0.0	-	2369.5	-	166.3	-	2535.8	MAVERICK (IIR)
SIDEWINDER AIM-9M	76	-	199.8	-	-	-	24.2	-	63.4	-	-24.0	-	-	-	263.4	-	-30.8	-	232.6	SIDEWINDER AIM-9M
SPARROW AIM-7M	78	-	920.2	-	-	-	55.4	-	4.9	-	451.2	-	-	-	1431.7	-	-216.6	-	1215.1	SPARROW AIM-7M
DSCS III (Space Seg)	77	-	-	-	59.3	-	-	1.3	68.7	-	34.1	-	12.9	1.3	175.0	-	101.3	1.3	276.3	DSCS III (Space Seg)
NAVSTAR GPS	79	-	-	-	-	-	-	-	-	-	18.0	-	-	-	18.0	-	-127.7	-	-109.7	NAVSTAR GPS
ALCM	77	-	-19.1	2.0	230.4	191.4	350.1	-	212.0	-39.7	516.8	-	-0.2	153.7	1290.0	-	546.1	153.7	1836.1	ALCM
GLCM	77	-	-226.1	-	61.3	-	539.5	-	108.3	-	815.8	-	132.8	-	1431.6	-	227.3	-	1658.9	GLCM
SUMMARY																				SUMMARY
ARMY		0.0	5734.7	284.2	2313.9	43.2	3449.3	-116.5	4257.0	429.5	20579.8	18.1	179.8	658.5	36514.5	0.0	7178.8	658.5	43693.3	ARMY
NAVY		0.0	30065.0	0.0	3996.1	1.9	4643.6	0.0	8716.8	+112.1	12397.5	0.0	1115.7	-110.2	60934.7	157.3	19354.1	47.1	80288.8	NAVY
AIR FORCE		0.0	9464.1	-131.9	3862.5	361.8	5112.4	115.0	8263.5	+103.4	2074.7	0.0	1000.9	241.5	29778.1	0.0	8161.3	241.5	37939.4	AIR FORCE
GRAND TOTAL		0.0	45263.8	152.3	10172.5	406.9	13205.3	-1.5	21237.3	214.0	35052.0	18.1	2296.4	789.8	127227.3	157.3	34694.2	947.1	161921.5	GRAND TOTAL

Department of Defense
OASD(Comptroller)
November 14, 1981

UNCLASSIFIED

FUNDING STATUS OF SAR SYSTEMS
As of SEP 30 81
($In Millions)

Weapon System	Current & Prior Year Funds	FY 1981 Budget Funds	Balance of FYDP Funds	Balance of Program Funds	Total Current Estimate Funds
CONGRESSIONAL SAR SUBMISSION					
ARMY					
PATRIOT (Fire Sections)	$ 2,798.8	$ 958.5	$ 3,961.5	$ 747.1	$ 8,465.9
PERSHING II	408.0	368.8	931.1	86.3	1,794.2
HELLFIRE	301.0	154.4	1,028.7	-	1,484.1
CH-47 MODERNIZATION	298.6	228.0	1,068.9	1,441.4	3,036.9
UH-60A (BLACK HAWK)	2,130.6	629.7	1,864.6	3,118.9	7,743.8
AH-64 (AAH)	1,106.0	556.3	3,187.8	1,110.0	5,960.1
SOTAS (Division Sets)	203.7	69.8	751.0	1,214.4	2,238.9
FVS (MICV)	1,450.2	1,251.7	5,873.3	3,206.2	11,781.4
M-1 Tank	3,548.0	2,089.1	12,645.7	529.7	18,812.5
ROLAND(Fire Units)	1,250.8	533.3	1,540.0	-	3,324.1
COPPERHEAD (CLGP)	388.9	148.0	533.1	501.3	1,571.3
DIVAD Gun	323.8	461.2	3,251.9	433.7	4,470.6
MLRS (GSRS)	452.7	243.1	1,555.3	1,721.8	3,972.9
NAVY					
F-14A	9,865.1	1,177.9	1,174.1	-	12,217.1
F-18	5,805.8	2,652.6	13,484.8	13,350.0	35,293.2
AV-8B	774.7	884.4	4,677.5	2,781.8	9,118.4
LAMPS MK III	790.8	901.6	3,761.8	915.0	6,369.2
CAPTOR	503.6	126.6	806.1	116.3	1,552.6
HARM	433.1	133.0	458.6	1,116.4	2,141.1
HARPOON	1,379.1	339.8	428.9	-	2,147.8
PHOENIX	1,483.1	198.4	946.6	-	2,628.1
SIDEWINDER AIM-9M	75.1	50.5	231.6	82.0	439.2
SPARROW AIM-7M	229.8	142.9	370.5	305.3	1,048.5
TOMAHAWK	1,143.0	445.7	1,452.2	-	3,040.9
TRIDENT	16,251.2	2,129.1	9,405.7	2,545.0	30,331.0
5-inch Guided Proj	126.0	22.1	307.0	310.0	765.1
SURTASS	408.5	163.3	289.6	1.9	863.3
TACTAS	127.5	24.2	723.3	272.6	1,147.6
SSN-688	9,993.0	1,402.2	3,123.4	56.6	14,575.2
CG-47 (DDG-47)	3,723.4	2,970.3	15,045.3	413.2	22,152.2
FFG-7	8,013.3	1,062.9	1,289.3	30.2	10,395.7
PHM	456.9	5.6	-	-	462.5
CVN-71	2,470.0	67.1	18.4	39.8	2,595.3
AIR FORCE					
A-10	4,832.3	564.9	15.4	-	5,412.6
F-15	12,755.7	1,359.0	1,264.2	-	15,378.9
F-16	7,645.2	2,093.1	7,922.1	2,682.8	20,343.2
E-3A (AWACS)	3,731.7	327.6	391.5	-	4,450.8
E-4 (AABNCP)	479.7	3.3	569.5	-	1,052.5
EF-111A	769.6	300.5	346.3	-	1,416.4
PLSS	213.4	82.3	172.8	5.1	473.6
HARM (AGM-88)	17.2	97.4	1,185.2	2,150.2	3,450.0
MAVERICK (IIR)	150.1	247.0	1,534.3	2,197.3	4,128.7
SIDEWINDER AIM-9M	115.5	138.5	256.2	-	510.2
SPARROW AIM-7M	262.6	238.6	1,077.1	-	1,578.3
DSCS III (Space Seg)	313.8	158.7	670.5	26.9	1,169.9
NAVSTAR GPS	589.4	239.7	1,242.9	125.0	2,197.0
ALCM	2,234.1	770.7	2,429.0	586.3	6,020.1
GLCM	435.5	506.7	2,154.0	89.9	3,186.1
SUMMARY (% of Total) a/					
ARMY	14,661.1(19.6)	7,691.9(10.3)	38,192.9(51.1)	14,110.8(18.9)	74,656.7(100.0)
NAVY	64,053.0(40.2)	14,900.2(9.3)	57,994.7(36.4)	22,336.1(14.0)	159,284.0(100.0)
AIR FORCE	34,545.8(48.8)	7,128.0(10.0)	21,231.0(30.0)	7,863.5(11.1)	70,768.3(100.0)
GRAND TOTAL	$113,259.9(37.1)	$ 29,720.1(9.7)	$117,418.6(38.5)	$ 44,310.4(14.5)	$304,709.0(100.0)

a/ Percent of total may not equal 100% because of roundoff.

Department of Defense
OASD(Comptroller)
November 14, 1981

UNCLASSIFIED