



OFFICE OF THE SECRETARY

AUG 3 1977

POM 79-83  
USAF  
post B-1  
decision

MEMORANDUM FOR THE SECRETARY OF DEFENSE

SUBJECT: Air Force FY 79-83 Program Objective Memorandum (POM)  
Amendment - ACTION MEMORANDUM

The FY 79-83 Air Force POM was submitted prior to announcement of the President's B-1 decision and your subsequent guidance. Accordingly, we are forwarding our judgments on how best to implement the new guidance, consistent with the FY 78 Budget Supplemental already submitted to the Congress.

The strategic initiatives outlined in the attached Executive Summary provide for the competitive development by two contractors of the ALCM; testing the winner of that competition; and deploying it within the bomber force to satisfy an FY 80 IOC. We believe the B-52D and G aircraft are the logical cruise missile carriers in the near term.

We are also continuing to assess how to provide the most effective and efficient means to use the advantages associated with a penetrating bomber. It appears that some development effort on the FB-111 may be an appropriate option in this regard. We intend to provide our recommendations on this subject, following a more comprehensive review.

When compared to the far more vigorous Soviet programs which could threaten ICBM effectiveness and adversely influence world perceptions, the modest U.S. ICBM modernization remains a matter of significant concern. While we have not made any POM adjustments to the ICBM force, the issue of modernization of this force should receive priority attention in the days ahead.

Finally, included in the attached amendment are high priority NATO initiatives which are in consonance with your memorandum of April 11, 1977. Also included are program adjustments stemming from congressional action on the FY 78 budget and from our on-going program review process.

*John C. Stetson*  
John C. Stetson  
Secretary of the Air Force

RG 330-80-0017, box 12, 100.54 (11 Dec 1977)

1 Attachment  
Executive Summary, POM Amendment

cc: Deputy Secretary of Defense

Sec Def Cont Nr. X-2273

~~CLASSIFIED BY: DCS/PROGRAMS & RESOURCES~~  
~~EXEMPT FROM GENERAL DECLASSIFICATION~~  
~~SCHEDULE OF EXECUTIVE ORDER 11652~~  
~~EXEMPTION CATEGORY 5~~  
~~DECLASSIFY ON: 31 DEC 1986~~

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Authority: EO 13526  
Chief, Records & Declass Div, WHS  
Date: OCT 27 2015

15-m-1583

EXECUTIVE SUMMARY

GENERAL

In submission of this POM Amendment the Fiscal Guidance issued for the development of the FY 79-83 POM was used as a baseline.

	Billions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
Fiscal Guidance	37.2	40.1	43.1	46.2	49.4
B-1 Decreases	- 2.4	- 2.4	- 3.3	- 3.3	- 3.5
Proposed Adds	+ 2.0	+ 2.2	+ 2.0	+ 1.3	+ 1.6
POM Amendment	36.8	39.9	41.8	44.2	47.5

This amendment is structured to show strategic enhancements, improvements of NATO and conventional capability and sustainability, additional requirements to further comply with your Planning and Programming Guidance, and other program changes since the submission of the Air Force POM on May 16.

The following summarizes major program adjustments contained in this POM Amendment. An asterisk (\*) after the title indicates that it is contained in the FY 78 budget supplemental.

STRATEGIC INITIATIVES

Air Launched Cruise Missile (ALCM).\* Accelerates development of an ALCM. Provides for a competitive flyoff of competing systems and funds procurement of the winning system.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	163.5	296.1	229.6	198.7	188.2
Amendment	381.9	437.3	505.7	455.4	432.2
Difference	+218.4	+141.2	+269.8	+256.7	+244.0

Cruise Missile Carrier.\* The B-52 is proposed as the near term cruise missile carrier vehicle.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	7.8	26.1	29.9	36.1	36.6
Amendment	123.5	309.0	214.9	25.6	5.5
Difference	+115.7	+282.1	+185.0	-10.5	-31.1

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Office of the Secretary of Defense **5USC 552a**  
 Chief, RDD, ESD, WHS  
 Date: 27 OCT 2015 Authority: EO 13526  
 Declassify: X Deny in Full: \_\_\_\_\_  
 Declassify in Part: \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 MDR: 15 -M- 1543

B-52 Enhancements.\* To insure high confidence in the B-52G/H as a penetrating bomber, offensive/defensive R&D and modification programs have been accelerated. R&D for ECM improvements are funded; modifications to existing systems for reliability and maintainability are added; and the avionics upgrade program is moved forward one year. Defensive fire control system modifications are added for the B-52.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	142.5	197.0	179.2	248.8	176.5
Amendment	286.0	312.9	322.7	416.8	342.3
Difference	+143.5	+115.9	+143.5	+168.0	+165.8

Advanced Strategic Air Launched Missile (ASALM).\* IOC of the ASALM is changed from FY 86 to FY 84. This provides an earlier air-to-air and active defense suppression capability to enhance survivability of both cruise missile carrier aircraft and penetrating bombers.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	16.0	15.3	70.0	150.0	226.0
Amendment	67.0	148.0	223.0	232.0	413.0
Difference	+51.0	+132.7	+153.0	+82.0	+187.0

KC-135 Re-engining. Revised funding will accelerate the prototype effort to completion in FY 81 vice FY 82 and initiate kit procurement for aircraft modification beginning in FY 81.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	19.0	24.0	6.0	2.4	-----
Amendment	35.0	12.9	70.5	209.0	321.4
Difference	+16.0	-11.1	+64.5	+206.6	+321.4

Missile Surveillance Technology.\* Provides for continuation of two parallel mosaic sensor development efforts to FY 80. The two contractor efforts are unique and both merit continued development before selecting the better approach for orbital flight demonstration.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	19.9	23.1	22.5	22.5	35.0
Amendment	35.9	28.1	22.5	22.5	35.0
Difference	+16.0	+ 5.0	0	0	0

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Strategic Bomber Enhancements.\* Expands technology base improvements for studies and analyses of B-52 ECM requirements, cruise missile carrier survivability and advanced cruise missile carrier concepts. Includes funding for classified projects acceleration with associated risk reduction and improved economies.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	10.5	19.9	24.0	24.0	24.0
Amendment	47.0	53.9	60.0	69.0	74.0
Difference	+36.5	+34.0	+36.0	+35.0	+50.0

Electro-Optical Warfare.\* Accelerates electro-optical, infra-red and high energy laser countermeasures technology and integrates infra-red, electro-optical and radio frequency counter measures for the B-52 force.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	12.1	15.0	18.0	20.0	25.0
Amendment	12.1	17.0	20.0	22.0	27.0
Difference	-----	+ 2.0	+ 2.0	+ 2.0	+ 2.0

Warning Information Correlation.\* Increases level of effort program to provide more detailed simulation of missile warning sensors, investigation of more data bases, and system engineering of the missile warning network as a whole. Accommodates FY 78 recommended changes to the Perimeter Acquisition Radar.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	2.1	2.1	3.0	3.0	3.0
Amendment	4.1	5.1	8.0	8.0	5.0
Difference	+ 2.0	+ 3.0	+ 5.0	+ 5.0	+ 2.0

Ballistic Missile Early Warning System (BMEWS).\* Provides for engineering and modification to add tracking radar range resolution modification to Site III at Fylingdales, United Kingdom. These changes will reduce the range resolution from 383 NM to 80 feet.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	49.9	55.2	30.1	28.2	29.3
Amendment	49.9	55.2	46.3	28.2	29.3
Difference			+16.2		

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SR-71 Squadrons. Increases funding to reopen a mobile processing center at Kadena, to support enhanced reconnaissance capability at RAF Mildenhall, and to continue current reconnaissance mission capabilities and maintain sensor and defensive systems procurement phasing.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	167.3	144.8	136.1	149.0	154.2
Amendment	175.4	155.8	153.2	157.6	166.5
Difference	+ 8.1	+11.0	+17.1	+ 8.6	+12.3

Service Engineering. Provides support for the Minuteman, B-52 and SRAM weapon systems. Provides for transfer of these Service Engineering requirements from Air Force Systems Command to the Air Force Logistics Command.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	33.9	36.7	39.2	43.1	45.5
Amendment	58.6	62.4	65.4	70.8	74.2
Difference	+24.7	+25.7	+26.2	+27.7	+28.7

Satellite Systems Survivability. Funds will be used to develop and implement countermeasures for the Soviet LASER and Electronic Warfare threat, and to develop a capability to launch or replenish critical space systems in a crisis or warfare environment.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	14.0	18.0	40.8	44.4	45.0
Amendment	25.7	47.3	49.5	49.4	50.0
Difference	+11.7	+29.3	+ 8.7	+ 5.0	+ 5.0

#### NATO/READINESS INITIATIVES

Improved Launch and Recovery. Increases research and development for weapon effects testing on runway surfaces.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	3.9	10.4	11.8	11.2	10.4
Amendment	6.9	10.4	11.8	11.2	10.4
Difference	+ 3.0				

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Rapid Runway Repair. Upgrades the Air Force post-attack operational environment and increases the capability of general purpose forces by permitting the rapid recovery and launch of combat aircraft on airfields that have sustained combat damage.

Millions of Dollars  
FY 79

POM	0
Amendment	25.2
Difference	+25.2

Alternate Runway Construction. Provides construction for alternate runways at ten European bases in FY 79 and six in FY 80.

Millions of Dollars  
FY 79      FY 80

POM	0	0
Amendment	60.0	36.0
Difference	+60.0	+36.0

Alternate Launch and Recovery Capability. Provides for the acceleration of development of a Mobile Catapult Launch System and a Mobile Barrier Recovery System. Provides procurement funding for mobile catapult systems and mobile barrier recovery systems.

Millions of Dollars  
FY 79      FY 80      FY 81      FY 82      FY 83

POM	3.3	9.0	0	0	0
Amendment	9.8	43.5	45.9	10.9	10.9
Difference	+ 6.5	+34.5	+45.9	+10.9	+10.9

Survival Enhancement Facilities. Provides funding for aircraft shelters, collocated operating bases, chemical/biological defense, hardened logistics, munitions and POL storage.

Millions of Dollars  
FY 79      FY 80      FY 81      FY 82      FY 83

POM	119.5	109.0	105.0	103.5	77.5
Amendment	185.6	175.6	195.0	197.5	171.5
Difference	+66.1	+66.6	+90.0	+94.0	+94.0

Wide Area Anti-Armor Munitions. Provides increased funding for the U.S. share of the US, UK, and FRG development of the wide area anti-armor munitions and procurement in FY 83.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	28.3	52.0	42.5	37.0	36.0
Amendment	46.9	69.5	64.6	79.0	93.0
Difference	+18.6	+17.5	+22.1	+42.0	+57.0

PAVE TACK. Provides for a total of 149 pods with initial spares for F/RF-4s and F-111Fs providing for an FY 80 initial operating capability.

	Millions of Dollars			
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>
POM	43.1	16.7	9.6	5.6
Amendment	67.9	59.1	9.6	5.6
Difference	+24.8	+42.4		

Close Air Support Weapons Systems. Provides funds in FY 79 to conduct the Laser Seeker cost reduction effort as directed by DDR&E and restructure the IIR Maverick program.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	70.2	25.4	23.0	47.0	38.0
Amendment	74.2	55.4	39.5	47.0	38.0
Difference	+ 4.0	+30.0	+16.5		

Low Altitude Airfield Attack System (JP-233). Funds are included for the joint development and procurement of the United Kingdom low altitude airfield attack munition. Procurement of this system will improve interoperability with NATO allies.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	18.0	18.0	10.0	9.0	37.5
Amendment	26.0	26.5	23.0	22.0	67.5
Difference	+ 8.0	+ 8.5	+13.0	+13.0	+30.0

Ground Launched Cruise Missile - (GLCM). Additional funds required to provide a January 81 IOC and certify B-61 warhead and provide nuclear hardened guidance system.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	8.0	18.0	26.0	18.0	0
Amendment	81.6	205.6	212.9	207.6	208.9
Difference	+73.6	+187.6	+186.9	+207.6	+208.9

NATO AEW&C. Provides production funds for the NATO AEW&C program. Previously only RDT&E funds were identified. Production funding provides probable U.S. share of this joint program.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM*	0	0	0	0	0
Amendment	100.0	250.0	200.0	100.0	100.0
Difference	+100.0	+250.0	+200.0	+100.0	+100.0

\* No procurement in POM.

Aircraft Replenishment Spares. Prepositioned war reserve spares included in the POM support wartime tasking at War and Mobilization Plan (WMP) activity rates. However, there is an increasing likelihood that activity in the NATO scenario will be highly intense in the initial stages of engagement. This level of intensity requires additional war reserves to support the surge of the tactical fighter force. Additional funding would provide an enhanced surge capability.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	867.0	871.6	988.9	1145.9	1184.7
Amendment	932.6	923.0	997.0	1149.9	1193.8
Difference	+65.6	+51.4	+ 8.1	+ 4.0	+ 9.1

Tactical Air Control Centers (TACC) Automation. Restores funding to automate essential command and control functions of Tactical Air Control Centers. Provides high speed information processing, data storage and retrieval and real time situation display for effective air battle management.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	0	0	0	0	0
Amendment	17.0	31.7	30.7	31.5	32.3
Difference	+17.0	+31.7	+30.7	+31.5	+32.3

Threat Simulator Requirements. Funding for threat simulators is increased. These simulators are the means for providing a realistic training environment and approximating the dynamics of battlefield defense.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	24.3	28.7	39.2	40.8	42.4
Amendment	48.8	40.9	45.9	45.0	39.5
Difference	+24.5	+12.2	+ 7.7	+ 4.2	- 2.9



Scope Response. Provides increased funding for combat essential USAFE communications requirements.

	Millions of Dollars			
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>
POM	5.0	3.0	3.3	2.3
Amendment	17.1	6.5	6.1	5.7
Difference	+12.1	+ 3.5	+ 2.3	+ 3.4

Jam Resistant Secure Voice Communications (SEEK TALK). Increased funding provides for engineering development in FY 79 and provides laboratory test support.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	10.3	14.6	22.6	15.0	10.9
Amendment	12.2	14.6	22.6	15.0	10.9
Difference	+ 1.9				

UPD-4. Restores 3 ground stations to provide data linked near-real-time Side-Looking Airborne Radar imagery to commanders in support of strike operations on time-sensitive, perishable targets.

	Millions of Dollars		
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>
POM	2.4	4.7	2.1
Amendment	8.6	16.0	8.2
Difference	+ 6.2	+11.3	+ 6.1

Side-Looking Airborne Radar. Restores funding to achieve an FY 83 IOC accelerating corrections of major exploitation deficiencies and the development of electronic scanned antenna.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	8.2	8.0	9.3	2.0	0.7
Amendment	16.4	16.0	9.3	2.0	0.7
Difference	+ 8.2	+ 8.0			

JCS Exercises. Increases funding to support REDCOM's increased training responsibilities and provides full funding support for REFORGER 79.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	87.5	88.2	88.8	89.4	94.7
Amendment	99.2	86.4	93.7	94.3	99.7
Difference	+11.5	- 1.8	+ 4.9	+ 4.9	+ 5.0

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Defense Dissemination Program. Increases funding to develop and acquire improvements to accommodate higher data rates and additional types of data.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	16.1	7.2	31.8	54.3	56.4
Amendment	19.8	18.3	36.7	59.2	58.3
Difference	+ 3.7	+11.1	+ 4.9	+ 4.9	+ 1.9

Intra-Theater Imagery Transmission System (IITS). Provides TAF with a new capability to electrically distribute high priority reconnaissance imagery to commanders and strike crews.

	Millions of Dollars			
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>
POM	2.3	.6		
Amendment	2.3	3.2	7.7	7.7
Difference		+ 2.6	+ 7.7	+ 7.7

U-2. Not included as a specific line item in this amendment, but recommended to you, is the establishment of a permanent U-2 operating location in the European theater. Such a deployment would allow for support of the Transportable Ground Intercept Facility (TGIF). Since the TGIF provides direct support to commanders in the field your ASD (C3I) may wish to consider accommodation of this within the General Defense Intelligence Program.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	0	0	0	0	0
Amendment	8.5	8.3	8.4	8.6	8.7
Difference	+ 8.5	+ 8.3	+ 8.4	+ 8.6	+ 8.7

#### COMBAT SUSTAINING CAPABILITY

Depot Purchased Equipment, Maintenance (DPEM): Increases provide funds to eliminate the FY 78 backlog of exchangeables in FY 79 and fully funds the projected FY 80-83 requirements as stipulated in your guidance. This will increase our readiness levels and decrease reliance on abnormal supply actions. Also, increases provide a balance between repair and procurement previously not accommodated due to funding constraints. Additionally, the revision will provide adequate support of NATO and strategic forces.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
PCM	1250.1	1263.4	1223.8	1584.3	1573.4
Amendment	1424.1	1440.4	1478.8	1569.3	1537.4
Difference	+174.0	+177.0	+255.0	- 15.0	- 36.0

Electronic Counter-Measure (ECM) Pod Procurement: Provides self-protection ECM pods for tactical combat aircraft, not equipped with internal ECM. Only the ALQ-131 or a modernized ALQ-119 satisfies the tactical requirement for an effective ECM pod. Changes will reduce the unsatisfied large early year requirement by accelerating and increasing ALQ-131 ECM Pod procurement, and implement reliability/maintainability and threat updates to the ALQ-119 ECM Pods.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	84.5	111.5	138.2	143.7	150.0
Amendment	125.3	153.2	240.0	240.0	200.0
Difference	+40.8	+41.7	+101.8	+96.3	+50.0

Aircraft Modification Program (Class IV and V):

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	488.5	752.4	745.2	1057.2	1139.4
Amendment	597.5	847.9	778.7	1036.9	1131.3
Difference	+109.0	+ 95.5	+ 33.5	- 20.3	- 8.1

a. Class V Modifications. Due to the austere funding profile in FY 79, no provision was made for new initiations to improve mission capability. Completion of development and test programs that will provide enhanced capability, particularly in a NATO environment such as Compass Tie Improvement for F-4E, A-10, A-7D, MEECN VLF Modems for EC-135 and E-4, etc. are a high priority for accomplishment. Increased funding in FY 79, with corresponding reductions in FY 82 and FY 83, will provide for earlier procurement of vital improvements.

b. Class IV Miscellaneous Safety/Mission Essential. In the FY 79-83 POM, no monies were reserved for initiation in FY 79 of new modifications to correct safety-of-flight or priority mission essential deficiencies due to critical funding limitations. Examples of modifications to be accomplished

with the increased funding are an F-111 LARA override, Shields to Protect Fuel Tanks, and F-5E modifications such as Turbine Shroud Wear, Vent Oil Cooler, A/B Diffuser Center Body Cracking, and A/B Control P3 Water Trap.

\$M	<u>FY 79</u>	<u>FY 80</u>
Difference	+20.0	+11.0

c. Update Modifications. Provides funds to retrofit aircraft to production line configuration for new weapon systems. Modifications are to improve safety, reliability, and maintainability and assure standard base line configuration with production lines. Funds to initiate newly identified improvements were very limited in FY 79 and FY 80 for the A-10, and were non-existent for the F-15 and F-16. Examples of the requirements for new initiations in FY 79 for the A-10 include improved Heads-up Display, Tailhook, Side Opening/Manual Canopy, and Accelerometer Improvements. The F-15 and F-16 engine improvements being identified and tested in the component improvement program require retrofit on an urgent basis to assure safe flight.

	Millions of Dollars		
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>
Difference	+62.0	+84.5	+33.5

Engine Component Improvement Program (CIP):

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	83.0	111.3	95.0	93.5	93.6
Amendment	100.0	123.8	98.0	93.5	93.6
Difference	+17.0	+12.5	+ 3.0	-----	-----

The F100, TF30, and TF 34 engines are encountering difficulties. Expanded funding within the CIP budget profile is required to address the following:

a. F100. Problems have occurred with stall, containment controls and other components causing deferral of on-going projects.

b. TF30. Problems have occurred with fan containment and evaluation of the engine has determined that accelerated mission cycle testing will be required for each of the four models (P-3, 7, 9, and I00).

c. TF34. Bearing problems and early evidence of a stall phenomenon have been experienced requiring an engineering solution.

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OTHER PROGRAM CHANGES

E-3A AWACS: Increased funding reduces the impact of the FY 78 Congressional reduction providing for a continued orderly and timely development of Block II enhancements (Joint Tactical Information and Dissimination System (JTIDS), Maritime Surveillance, consoles and radios, Data Remoting Enhancement (DRE)). Maintains an acceptable level of development of Block III enhancements (Electronic Counter-Countermeasures (ECCM), Increased Track Capacity, Self-Defense Subsystem (hardpoints and radar warning receiver)). Also, this permits correction of deficiencies discovered in Development and Initial Operational Test and Evaluation.

	Millions of Dollars			
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>
POM	98.6	62.2	23.6	12.6
Amendment	119.5	59.0	15.6	.5
Difference	+20.9	- 3.2	- 8.0	-12.1

Coronet Solo and DC-130H Modifications: Coronet Solo used FY 77 funds originally provided for DC-130 H modifications. Increased funding replaces this deficit providing for two DC-130H modification kits. In addition, Air National Guard O&M funds are adjusted so that the ANG can pay for installation of three Coronet Solo Kits in ANG EC-130E aircraft.

	Millions of Dollars	
	<u>FY 79</u>	<u>FY 80</u>
POM	0	0
Amendment	3.8	16.0
Difference	+ 3.8	+16.0

Distant Early Warning (DEW) Stations. To enhance the DEW line, unattended radar sites are required. Funding increases will provide for full competitive development and test of unattended radar, prime power, communications, and site security equipment.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	5.0	8.5	3.5	68.9	70.4
Amendment	7.5	12.0	12.0	74.7	72.4
Difference	+ 2.5	+ 3.5	+ 8.5	+ 5.8	+ 2.0

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F-15 Production: F-15 production is increased from 78 to 96 per year providing a stable F-15 production rate while accelerating their introduction into the force. (Final procurement will be in FY 81 vice FY 82). The increased F-15 production will require a corresponding acceleration in the F-15 Follow-on Interceptor procurement to preclude a break in production.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	1395.5	1418.0	1509.8	1421.4	937.1
Amendment	1667.0	1661.3	1474.5	1326.4	925.1
Difference	+271.5	+243.3	- 35.3	- 95.0	- 12.0

Defense Support Program (DSP): To ensure survivability of the bomber force, improvements are required to increase system survivability. This can be accomplished through satellite hardening and cross link of mission data from the Eastern to the Western Hemisphere without dependence on an overseas ground station for data reduction and launch warning message transmission. Satellites will be hardened to JCS goals.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	171.1	174.7	66.2	128.5	135.3
Amendment	178.1	212.7	101.2	138.5	135.3
Difference	+ 7.0	+38.0	+35.0	+10.0	-----

Satellite Data System: Increased funding is required to provide required satellites number six and seven. Also, Shuttle and Titan III D Interim Upper Stage compatibility is insured.

	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	20.9	87.1	21.0	104.6	10.2
Amendment	29.1	89.4	28.8	94.8	24.1
Difference	+ 8.2	+ 2.3	+ 7.8	- 9.8	+13.9

F-5F: Current F-5 aircraft inventory is not sufficient to meet Foreign Military sales student training requirements. To alleviate this situation, funding will procure 13 F-5F two-seat aircraft to replace a like number of F-5B/F-5E aircraft for a more optimum mix of total aircraft.

Millions of Dollars  
FY 79

POM	0
Amendment	67.0
Difference	+67.0

F-16: The additional funds restore the F-16 production buildup rate to the planned level avoiding cost increases to both U.S. and European programs.

Millions of Dollars  
FY 79

POM	1,513.3
Amendment	1,585.3
Difference	+ 72.0

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	Millions of Dollars				
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	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
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	Millions of Dollars				
	<u>FY 79</u>	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>
POM	48.1	119.4	50.8	131.7	27.2
Amendment	56.3	121.7	58.6	121.9	41.1
Difference	+ 8.2	+ 2.3	+ 7.8	- 9.8	+13.9

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