



DEPARTMENT OF THE AIR FORCE  
WASHINGTON, DC

Office Of The Assistant Secretary

19 May 2010

MEMORANDUM FOR: SAF/FM

FROM: SAF/FMC

SUBJECT: Request to Terminate For Official Use Only (FOUO) Markings

1. We respectfully request approval to remove the subject markings on the following documents.

USAF Summaries 1976/77/79/80/81/82/83/84/85 – Remove FOUO markings

USAF Summary 1978

(1) Remove FOUO markings

(2) Remove Statement: "This material contains information affecting the national defense of the United States and transmission or revelation of which in any manner to unauthorized persons is prohibited by law."

2. Current circumstances indicate the information no longer requires the protection from public disclosure and our organization would like to allow these documents to be made available on a public reading room website sponsored by Ms. Helen T. Kiss, Air Force History Office via the Defense Technical Information Center. The Air Force Declassification Office reviewed these documents and determined that they, in fact, can be considered unclassified and releasable.

3. These documents no longer meet the criteria assigned to protect documents under Exemptions 2-9 as indicated in DoD 5400.7, AF SUP 1, DoD Freedom of Information Act Program.

4. My Point of Contact for this request is Major Eli V. Brown, SAF/FMCE, e-mail: [Eli.Brown@pentagon.af.mil](mailto:Eli.Brown@pentagon.af.mil), DSN: 225-5076, Commercial: 703-695-5076.

  
RICHARD K. HARTLEY  
Deputy Assistant Secretary  
(Cost and Economics)

Attachments:

1. AFDO Memo, Dated 1 April 2010
2. USAF Summary (Cover sheets) dated: 1976 - 1985
3. DoD 5400.7, AF Supplement 1, DoD FOIA Program (C4.5.1 – Termination of FOUO markings and Exemptions 2-9)

# Report Documentation Page

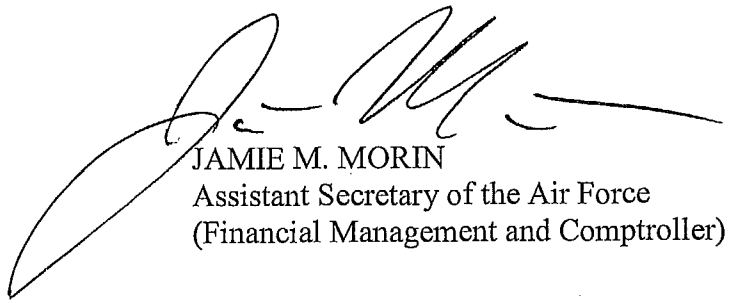
*Form Approved*  
*OMB No. 0704-0188*

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1. REPORT DATE <b>MAR 1979</b>		2. REPORT TYPE		3. DATES COVERED <b>00-00-1979 to 00-00-1979</b>	
4. TITLE AND SUBTITLE <b>United States Air Force Summary, Fifth Edition</b>				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>Managment Information Division, Directorate of Management Analysis, Comptroller of the Air Force, Headquarters, USAF, Washington, DC, 20330</b>				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release; distribution unlimited</b>					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT <b>Same as Report (SAR)</b>	18. NUMBER OF PAGES <b>110</b>	19a. NAME OF RESPONSIBLE PERSON
a. REPORT <b>unclassified</b>	b. ABSTRACT <b>unclassified</b>	c. THIS PAGE <b>unclassified</b>			

1<sup>st</sup> Ind, SAF/FM

Concur/Nonconcur



JAMIE M. MORIN  
Assistant Secretary of the Air Force  
(Financial Management and Comptroller)



DEPARTMENT OF THE AIR FORCE

WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

April 1, 2010

MEMORANDUM FOR AF/HOH (MS. HELEN T. KISS)

FROM: Air Force Declassification Office  
1720 Air Force Pentagon  
Washington, DC 20330-1720

SUBJECT: AFDO Review-USAF Summaries 1979 through 1985

This office conducted a security review of USAF Summaries, January 1979 through 1985 and determined that they do not contain any information requiring exemption under the FOIA and can be considered unclassified and releasable. The POC for the review is Mr. George Gordon, 301-837-0720 or [George.gordon@pentagon.af.mil](mailto:George.gordon@pentagon.af.mil).

//s//

JOANNE COLLINS,  
Deputy Director, AFDO

March 1979



# USAF SUMMARY

MARCH 1979

DIRECTORATE OF COST & MANAGEMENT ANALYSIS  
COMPTROLLER OF THE AIR FORCE

~~FOR OFFICIAL USE ONLY~~

FOREWORD

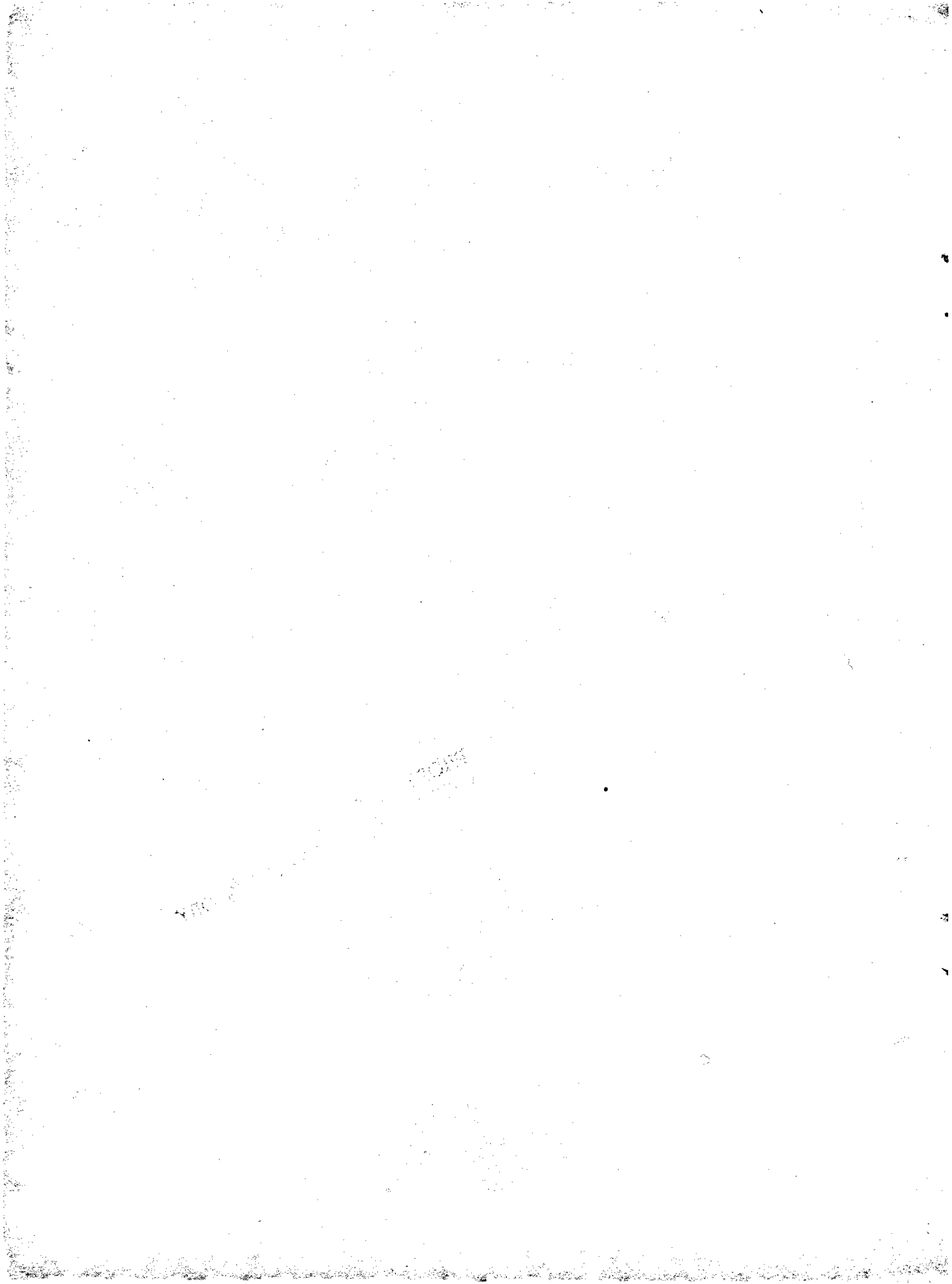
This is the fifth edition of the USAF Summary. This edition provides fiscal year 1978 actual data. It also provides revised estimates for fiscal year 1979 and information for fiscal year 1980 based on the President's FY 1980 budget.

The USAF Summary is compiled and published by the Directorate of Cost and Management Analysis, Comptroller of the Air Force. Air Staff offices provide current information for each update. The office of origin indicated on individual pages should be contacted if further information is required.

Comments or suggestions on the USAF Summary are most welcome. If you have any suggestions on information that should be added or deleted in future editions, please contact HQ USAF/ACMC (697-2331, Autovon 227-2331).

PROPERTY OF  
OFFICE OF AIR FORCE HISTORY

K131.61  
March 1979



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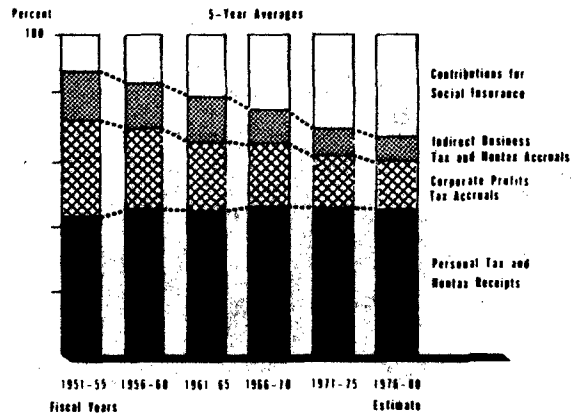
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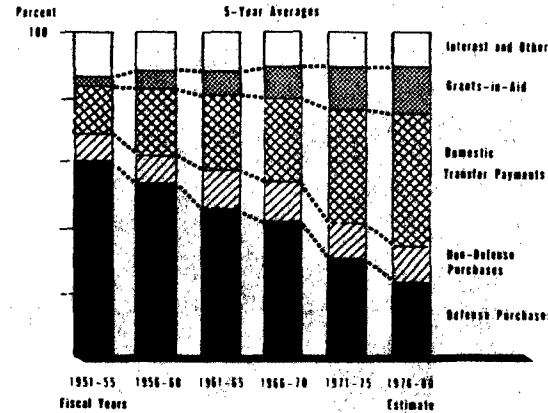
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# THE FEDERAL BUDGET

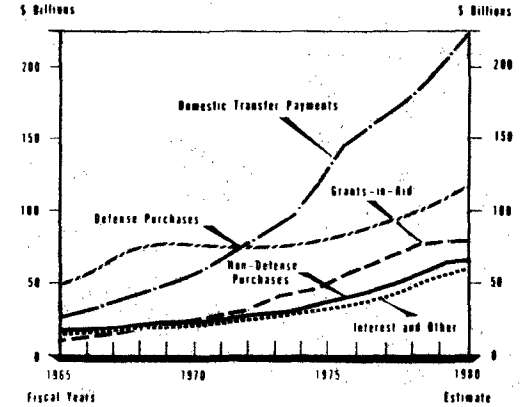
Distribution of Federal Sector Receipts by Category



Distribution of Federal Sector Expenditures by Category



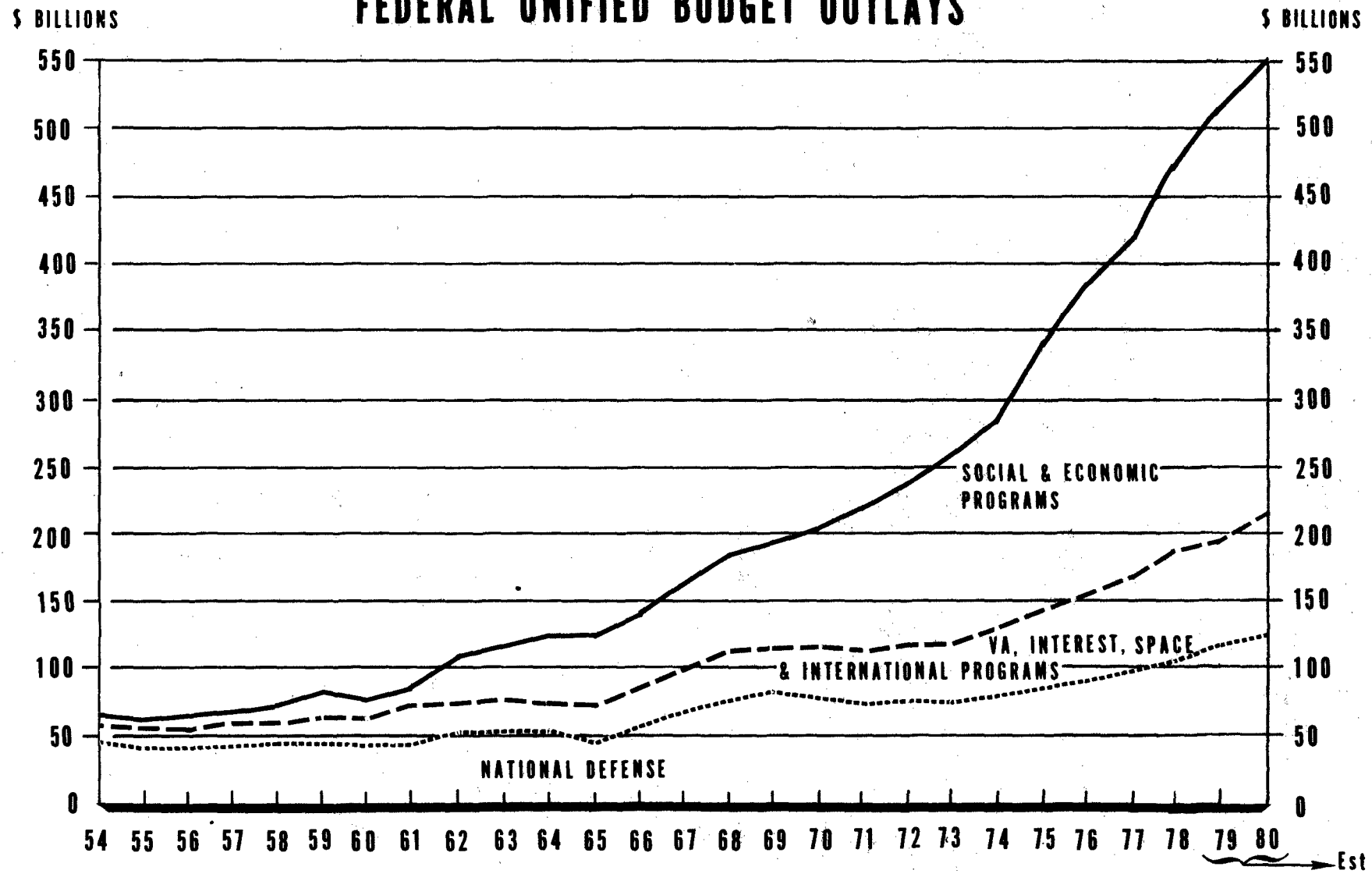
Composition of Federal Sector Expenditures



## FEDERAL FINANCES; GNP, AND OUTLAYS (\$ Billions)

Fiscal Year	Gross National Product	Budget Receipts		Outlays		Current Prices			Constant (FY 72) Prices		
		Amount	Percent of GNP	Unified Budget Amount	Percent of GNP	Total Outlays	National Defense	Total Non-Defense	Total Outlays	National Defense	Total Non-Defense
1956	411.0	74.5	18.1	70.5	17.1	70.5	39.7	30.7	133.0	72.9	60.1
1957	432.7	80.0	18.5	76.7	17.7	76.7	42.4	34.3	137.2	74.2	63.0
1958	442.1	79.6	18.0	82.6	18.7	82.6	43.7	38.9	141.9	74.0	67.9
1959	473.3	79.2	16.7	92.1	19.5	92.1	46.0	46.1	153.9	75.3	78.6
1960	497.3	92.5	18.6	92.2	18.5	92.2	45.2	47.1	150.8	73.8	77.0
1961	508.3	94.4	18.6	97.8	19.2	97.8	46.6	51.2	157.1	74.8	82.2
1962	546.9	99.7	18.2	106.8	19.5	106.8	49.0	57.8	168.7	77.2	91.5
1963	576.3	106.6	18.5	111.3	19.3	111.3	50.1	61.2	170.7	76.8	93.9
1964	616.2	112.7	18.3	118.6	19.2	118.6	51.5	67.1	177.4	77.0	100.4
1965	657.1	116.8	17.8	118.4	18.0	118.4	47.5	71.0	173.3	69.3	103.9
1966	721.1	130.9	18.1	134.7	18.7	134.7	54.9	79.8	187.9	76.3	111.6
1967	774.4	149.6	19.3	158.3	20.4	158.3	68.2	90.0	212.1	92.0	120.1
1968	829.9	153.7	18.5	178.8	21.5	178.8	78.8	100.1	229.5	101.4	128.1
1969	903.7	187.8	20.8	184.5	20.4	184.5	79.4	105.1	223.1	97.9	125.3
1970	959.0	193.7	20.2	196.6	20.5	196.6	78.6	118.0	220.8	90.3	130.5
1971	1,019.3	188.4	18.5	211.4	20.7	211.4	75.8	135.6	223.0	81.2	141.8
1972	1,110.5	208.6	18.8	232.0	20.9	232.0	76.6	155.5	232.0	76.6	155.5
1973	1,237.5	232.2	18.8	247.1	20.0	247.1	74.5	172.5	233.2	70.0	163.2
1974	1,359.2	264.9	19.5	269.6	19.8	269.6	77.8	191.9	231.9	67.9	164.0
1975	1,457.3	281.0	19.3	326.1	22.4	326.2	85.6	240.5	253.5	67.1	186.4
1976	1,621.7	300.0	18.5	366.4	22.6	366.4	89.4	277.0	266.6	65.6	201.0
1977	1,834.0	357.8	19.5	402.7	22.0	402.7	97.5	305.2	272.7	66.7	206.0
1978	2,043.4	402.0	19.7	450.8	22.1	450.8	105.2	345.6	283.2	67.3	216.0
1979 (Est)	2,289.4	456.0	19.9	493.4	21.6	493.4	114.5	378.9	284.1	68.3	215.9
1980 (Est)	2,505.7	502.6	20.1	531.6	21.2	531.6	125.8	405.7	286.2	70.4	215.9

# FEDERAL UNIFIED BUDGET OUTLAYS\*



\* Undistributed offsetting receipts have not been deducted.

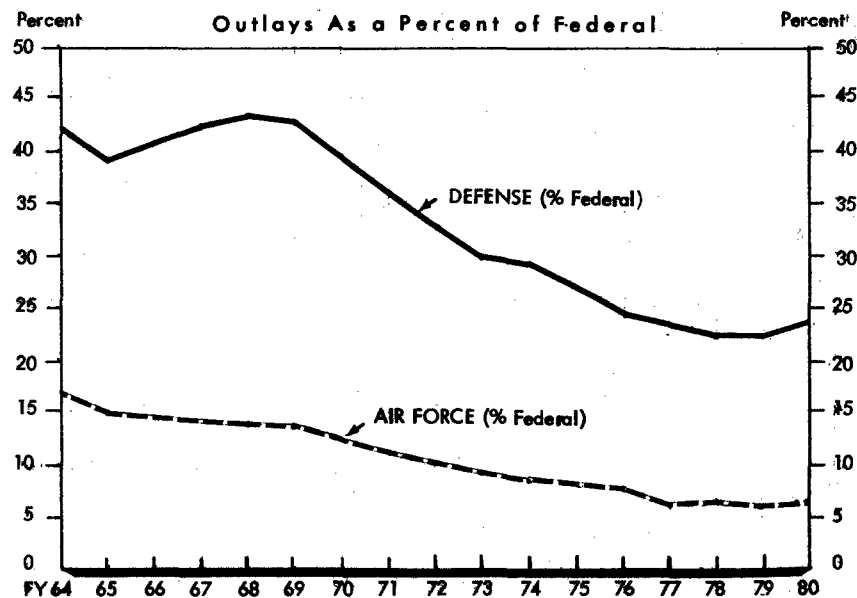
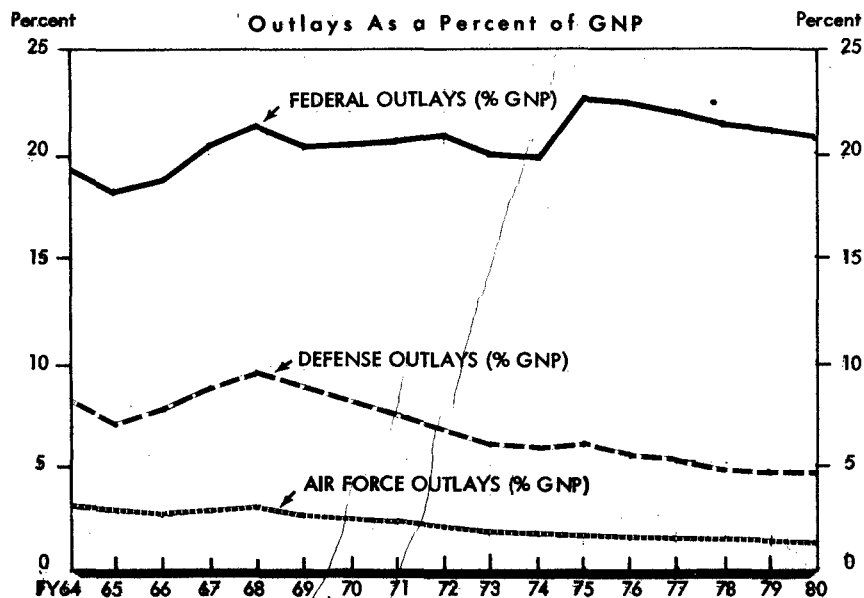
FISCAL YEARS

Source: Economic Report of the President  
The U.S. Budget in Brief.

## COMPARATIVE FINANCIAL STATISTICS (\$ BILLIONS)

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 Est	Pres Budget 1980 Est
Gross National Product	616.2	829.9	959.0	1019.3	1110.5	1237.5	1359.2	1454.6	1625.4	1838.0	2,106.0	2,343.0	2,565.0
Federal Outlays	118.6	178.8	196.6	211.4	232.0	247.1	269.6	326.1	365.6	401.9	450.8	493.4	531.6
% of GNP	19.2	21.5	20.5	20.7	20.9	20.0	19.8	22.4	22.5	21.9	21.4	21.1	20.7
DOD - Outlays	51.2	78.1	77.9	75.5	76.0	73.8	78.4	86.0	88.5	95.1	103.0	111.9	122.7
% of GNP	8.3	9.4	8.1	7.4	6.8	6.0	5.8	5.9	5.4	5.2	4.9	4.8	4.8
% of Federal	43.2	43.7	39.6	35.7	32.8	29.9	29.1	26.4	24.2	23.7	22.8	22.7	23.1
AIR FORCE - Outlays	20.5	25.8	24.9	23.8	24.0	23.6	23.9	25.0	26.4	27.9	29.2	31.5	34.3
% of GNP	3.3	3.1	2.6	2.3	2.2	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
% of Federal	17.3	14.4	12.7	11.3	10.3	9.6	8.9	7.7	7.2	6.9	6.5	6.4	6.5
% of DOD	40.0	33.0	32.0	31.5	31.6	32.0	30.5	29.1	29.8	29.3	28.3	28.2	28.0
Constant FY 80 \$													
Federal Outlays	323.1	418.0	402.1	406.2	422.5	424.7	422.4	461.6	475.1	495.4	522.5	532.9	531.6
DOD - Outlays	135.1	176.9	158.0	143.4	134.0	122.5	119.6	118.4	114.6	116.5	117.4	119.0	122.7
Air Force - Outlays	53.5	58.1	50.6	45.6	43.0	39.7	36.9	34.7	34.5	34.0	33.3	33.5	34.3

Source: OSD(C)



# TOTAL DOD OUTLAYS

FY 64-80

BILLIONS CURRENT DOLLARS

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
RDT&E	7.0	7.7	7.2	7.3	7.9	8.1	8.6	8.9	8.9	9.8	10.5	11.7	13.1
PROCUREMENT/MIL CON	17.0	25.3	23.6	21.1	19.2	17.5	17.7	18.8	18.8	20.7	22.7	22.5	25.8
OPERATIONS	26.8	45.1	47.1	47.1	48.9	48.2	52.1	58.3	60.8	64.6	69.8	77.7	83.8
TOTAL <sup>2</sup>	50.5	78.1	77.9	75.5	76.0	73.8	78.4	86.0	88.5	95.1	103.0	111.9	122.7

President's Budget

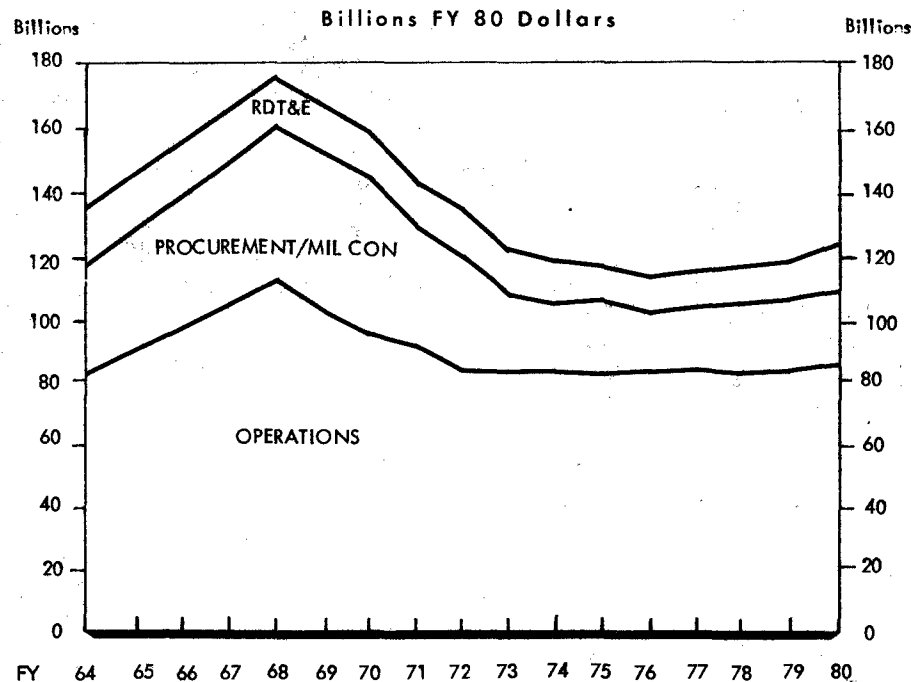
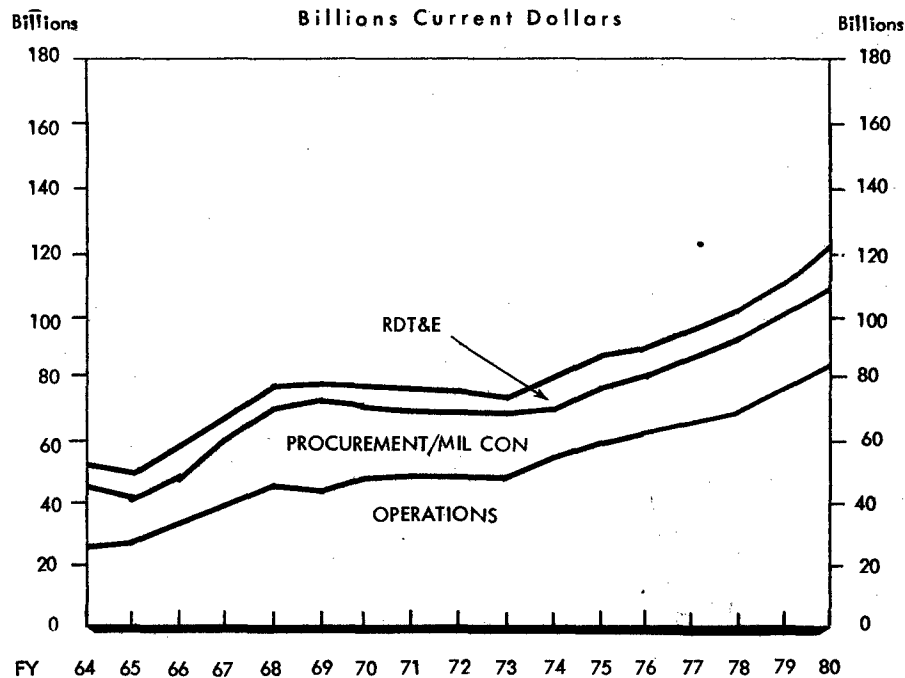
BILLIONS FY 80 DOLLARS

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
RDT&E	17.0	16.7	13.9	13.4	13.7	13.6	13.2	12.4	11.6	12.0	12.1	12.5	13.1
PROCUREMENT/MIL CON	37.5	47.7	41.3	34.5	30.0	26.3	24.0	23.1	26.2	22.5	23.0	24.1	25.8
OPERATIONS	80.6	112.5	102.8	95.5	90.3	82.6	82.4	82.9	81.8	82.0	82.3	82.5	83.8
TOTAL	135.1	176.9	158.0	143.4	134.0	122.5	119.6	118.4	114.6	116.5	117.4	119.1	122.7

<sup>1</sup> Outlays: Checks issued or other payments made, net of refunds and reimbursements.

<sup>2</sup> Total includes MAP.

Source: OASD(C)P&S



# TOTAL DOD OUTLAYS \*

AF/ACBM/74776

## BILLIONS OF CURRENT DOLLARS

FY	Air Force	Army	Navy	DOD Total
1950	3.6	4.0	4.1	12.0
1951	6.4	7.5	5.6	20.7
1952	12.7	15.6	10.2	41.3
1953	15.2	16.3	11.7	47.5
1954	15.6	12.8	11.2	43.6
1955	16.2	8.8	9.7	37.4
1956	16.6	8.6	9.6	38.0
1957	18.2	9.0	10.3	40.2
1958	18.4	9.1	11.0	41.4
1959	19.2	9.5	11.8	43.7
1960	19.3	9.4	11.7	43.1
1961	19.8	10.1	12.2	44.6
1962	20.8	11.4	12.4	48.2
1963	20.6	11.5	14.0	50.0
1964	20.5	12.0	14.5	51.2
1965	18.2	11.6	13.4	47.4
1966	20.1	14.8	16.0	55.4
1967	22.9	21.0	19.3	68.5
1968	25.8	25.3	22.1	78.1
1969	25.9	25.0	22.5	78.7
1970	24.9	24.7	22.5	77.9
1971	23.8	23.1	22.1	75.5
1972	24.0	22.6	22.3	76.0
1973	23.6	20.2	22.5	73.8
1974	23.9	21.4	24.0	78.4
1975	25.0	21.9	27.4	86.0
1976	26.4	21.4	28.5	88.5
1977	27.9	23.9	30.9	95.1
1978	29.2	26.0	33.5	103.2
1979	31.5	27.7	36.9	111.9
1980	34.9	30.4	39.5	122.7

## BILLIONS OF CONSTANT FY 80 DOLLARS

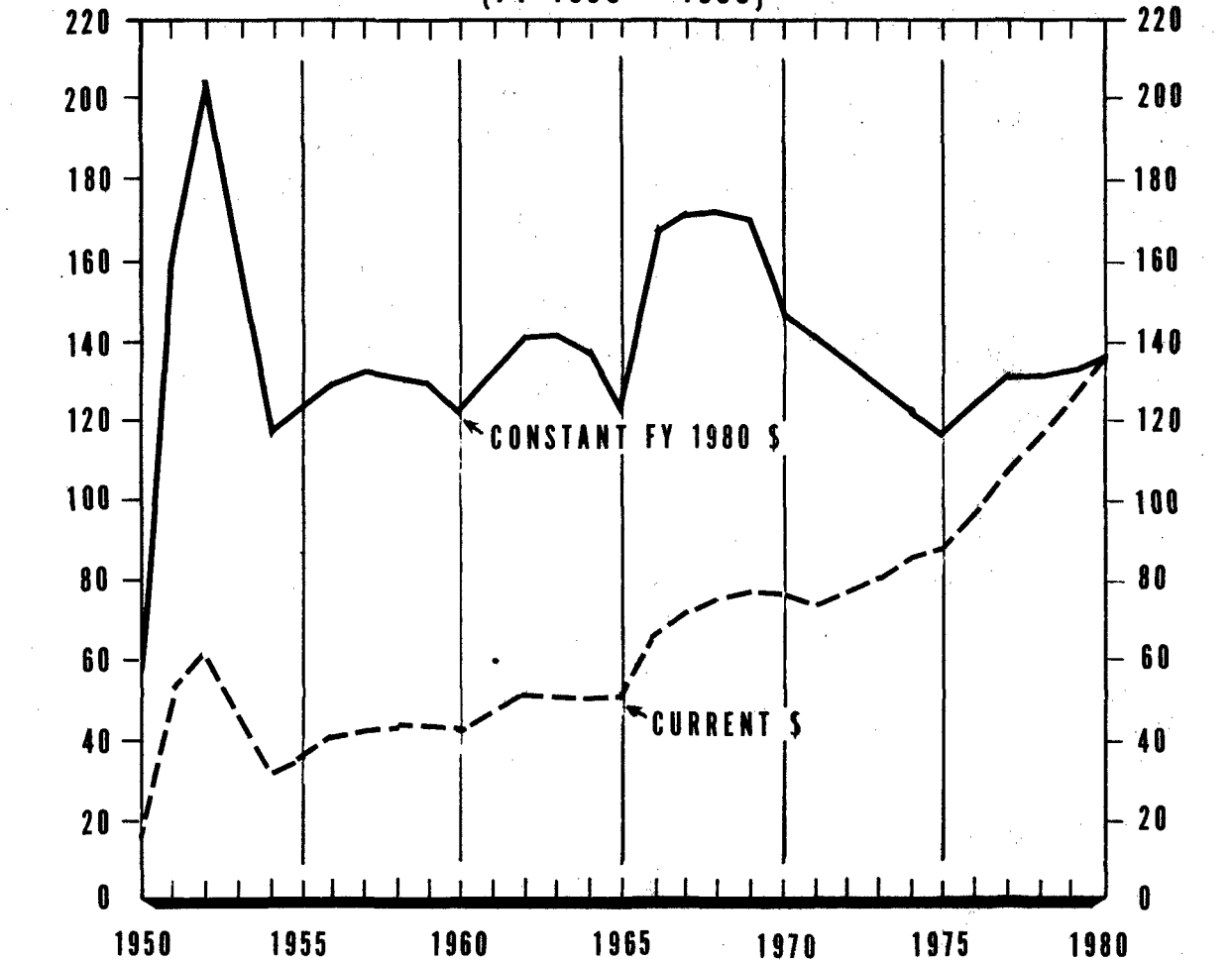
FY	Air Force	Army	Navy	DOD Total
1950	14.6	18.1	18.2	52.0
1951	23.6	31.1	23.8	79.8
1952	45.2	58.5	39.4	144.5
1953	51.6	58.4	44.5	156.0
1954	52.9	47.9	42.8	145.3
1955	52.5	34.4	36.5	125.1
1956	52.7	31.6	34.7	120.9
1957	54.8	32.0	35.5	124.1
1958	53.2	30.3	35.5	121.1
1959	53.7	29.9	36.9	123.0
1960	53.3	29.1	36.6	122.1
1961	53.6	30.2	37.0	124.1
1962	56.2	33.2	39.5	133.4
1963	55.1	33.1	41.9	135.5
1964	53.5	33.2	41.4	135.1
1965	47.2	31.2	37.3	123.4
1966	49.7	37.4	41.7	137.5
1967	54.2	50.1	47.4	162.1
1968	58.1	57.4	51.1	176.9
1969	56.3	54.6	50.5	171.6
1970	50.6	49.9	46.6	158.0
1971	45.6	43.8	42.8	143.4
1972	43.0	39.3	40.1	134.0
1973	39.7	32.6	37.6	122.5
1974	36.9	32.2	37.0	119.6
1975	34.7	30.1	38.2	118.4
1976	34.5	27.6	37.1	114.6
1977	34.0	28.9	37.5	116.5
1978	33.2	29.4	38.1	117.4
1979	33.5	29.3	39.2	119.1
1980	34.9	30.4	39.5	122.7

\* Includes MAP

FIN 5

# DOD CURRENT AND CONSTANT DOLLAR TOA<sup>1</sup> INCLUDING MILITARY RETIRED PAY

(FY 1950 - 1980)



FISCAL YEARS

<sup>1</sup> Total Obligational Authority (TOA): The total financial requirements of the Five Year Defense Program or any component thereof required to support the approved program of a given fiscal year.

# TOTAL OBLIGATION AUTHORITY (TOA)

## BILLIONS OF CURRENT DOLLARS

FY	Air Force	Army	Navy	DOD Total
1950	5.3	4.3	4.5	15.4
1951	15.1	17.5	12.2	49.6
1952	20.0	21.7	15.1	62.7
1953	18.7	13.5	11.8	47.1
1954	12.0	9.9	8.1	32.2
1955	12.5	10.8	10.0	35.6
1956	17.0	9.9	10.6	40.4
1957	18.4	9.9	10.8	41.8
1958	19.2	9.8	11.6	43.1
1959	19.6	9.6	12.1	43.7
1960	17.7	9.9	11.7	41.6
1961	20.1	10.5	12.8	46.4
1962	19.7	12.5	14.6	50.2
1963	20.4	11.8	14.7	50.9
1964	20.0	12.3	14.5	50.6
1965	19.4	12.2	14.9	50.7
1966	23.3	18.5	19.2	65.6
1967	24.3	22.4	21.2	72.4
1968	25.0	25.0	20.8	75.6
1969	25.9	25.8	21.6	78.5
1970	23.9	24.0	22.5	76.0
1971	23.0	22.3	21.7	74.3
1972	23.8	22.1	24.0	77.5
1973	24.7	21.5	25.3	80.2
1974	24.8	21.5	26.9	85.1
1975	26.1	21.7	27.9	87.9
1976	28.4	24.0	31.5	97.5
1977	32.3	26.9	36.4	108.3
1978	32.6	28.3	39.5	117.2
1979	35.4	31.6	41.5	125.7
1980	39.0	34.0	44.0	135.5

## BILLIONS OF CONSTANT FY 80 DOLLARS

FY	Air Force	Army	Navy	DOD Total
1950	20.0	19.2	19.6	60.0
1951	51.0	61.1	45.1	158.7
1952	68.0	77.2	58.1	204.6
1953	63.2	51.9	45.3	162.2
1954	43.2	39.7	33.3	117.8
1955	43.7	40.1	37.5	123.2
1956	53.8	35.1	38.5	129.3
1957	56.9	34.6	38.8	132.1
1958	56.3	32.2	39.6	130.3
1959	56.1	30.3	40.4	129.4
1960	50.7	30.4	37.8	121.9
1961	55.8	31.4	40.9	131.8
1962	54.8	36.5	45.4	141.4
1963	56.0	34.3	44.7	142.2
1964	53.2	34.1	42.0	137.2
1965	50.4	33.0	41.3	133.1
1966	57.4	46.4	49.5	162.6
1967	57.5	53.5	52.5	172.8
1968	57.0	57.2	48.7	173.3
1969	56.4	56.3	47.9	171.2
1970	48.9	48.5	46.7	155.4
1971	44.4	42.4	42.0	140.5
1972	42.7	38.4	42.7	136.2
1973	41.0	34.6	41.4	130.2
1974	37.4	32.0	40.5	123.7
1975	36.0	29.7	38.7	119.7
1976	36.9	30.7	41.0	124.8
1977	38.1	32.2	44.2	131.2
1978	37.4	32.5	44.8	131.8
1979	37.5	33.4	43.9	133.2
1980	39.0	34.0	44.0	135.5

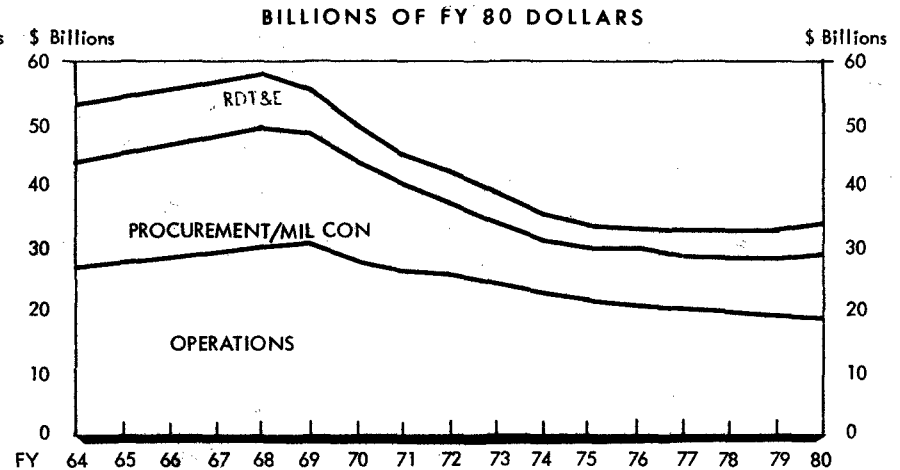
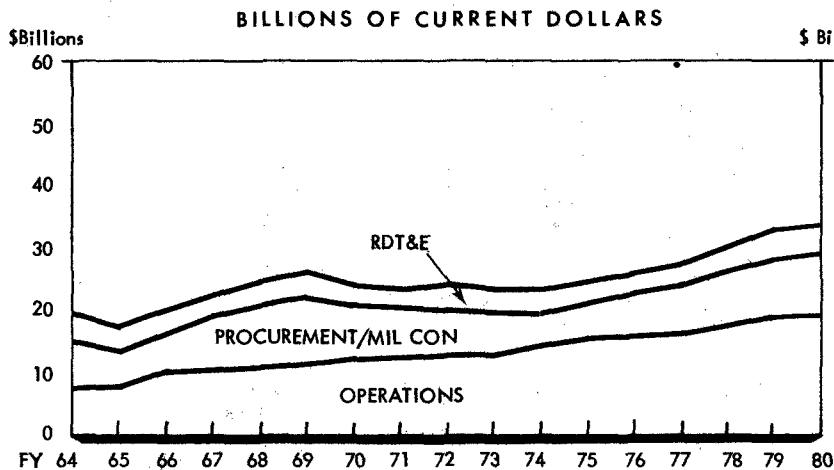
# AIR FORCE OUTLAYS

## FY 64 — 80

	BILLIONS OF CURRENT DOLLARS												President's Budget
	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
RDT&E	3.7	3.8	2.9	2.8	3.2	3.4	3.2	3.3	3.3	3.6	3.6	4.2	4.8
PROCUREMENT/MIL CON	7.5	9.9	8.7	7.4	6.4	6.1	5.7	5.7	6.9	7.4	7.9	8.8	10.1
OPERATIONS	9.3	12.1	13.2	13.6	14.4	14.1	15.0	16.0	16.2	16.9	17.7	18.5	19.4
<b>TOTAL</b>	<b>20.5</b>	<b>25.8</b>	<b>24.9</b>	<b>23.8</b>	<b>24.0</b>	<b>23.6</b>	<b>23.9</b>	<b>25.0</b>	<b>26.4</b>	<b>27.9</b>	<b>29.2</b>	<b>31.5</b>	<b>34.3</b>

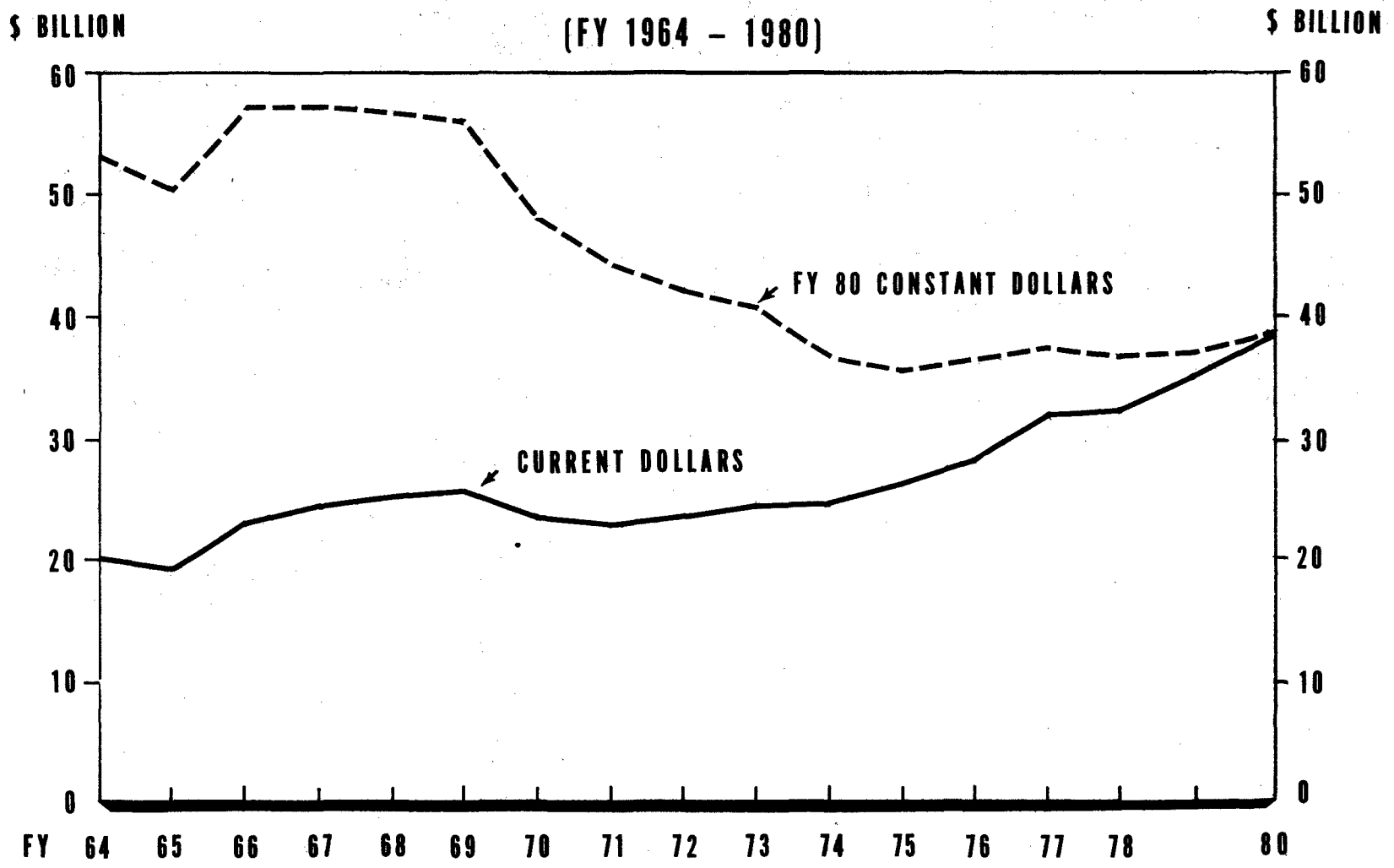
	BILLIONS OF FY 80 DOLLARS												
	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
RDT&E	8.9	8.1	5.7	5.1	5.6	5.6	5.0	4.6	4.4	4.3	4.2	4.5	4.8
PROCUREMENT/MIL CON	16.9	19.8	16.2	13.5	10.9	9.9	8.7	8.0	9.1	9.1	9.1	9.4	10.1
OPERATIONS	27.7	30.2	28.7	27.0	26.5	24.2	23.2	22.1	21.0	20.6	20.0	19.6	19.4
<b>TOTAL</b>	<b>53.5</b>	<b>58.1</b>	<b>50.6</b>	<b>45.6</b>	<b>43.0</b>	<b>39.7</b>	<b>36.9</b>	<b>34.7</b>	<b>34.5</b>	<b>34.0</b>	<b>33.3</b>	<b>33.5</b>	<b>34.3</b>

Source: AF/ACB



# AIR FORCE TOA IN CURRENT & CONSTANT FY 80 DOLLARS (FY 1964 - 1980)

AF/ACBM/74776



## AIR FORCE TOA BY MAJOR FORCE PROGRAMS AND APPROPRIATION

(\$ MILLIONS)

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	Revised Estimate 1979	Pres Budget 1980
By MFP													
I Strategic Forces	6,525	5,176	4,384	4,299	4,712	4,587	4,315	4,460	4,653	5,378	4,508	4,961	5,989
II General Purpose Forces	3,030	7,273	6,157	5,485	5,327	5,508	5,611	5,972	7,068	8,169	9,921	10,533	11,133
III Intelligence & Communications	2,979	3,622	3,376	3,218	3,125	3,204	3,340	3,479	3,499	3,836	4,117	4,100	4,654
IV Airlift & Sealift	1,010	1,736	1,637	1,291	1,102	851	756	886	1,247	1,515	1,607	1,795	1,814
V Guard & Reserve Forces	502	621	743	823	915	1,013	1,223	1,399	1,626	1,718	2,357	2,372	2,394
VI Research & Development	2,063	1,556	1,853	1,838	2,182	2,419	2,400	2,857	3,214	3,656	3,471	3,916	4,140
VII Central Supply & Maintenance	1,768	2,375	2,615	2,629	2,732	2,672	2,763	2,976	3,093	3,590	3,402	3,848	4,014
VIII Trng, Med, Other Pers Act	1,726	2,079	2,343	2,499	2,727	3,113	3,441	3,389	3,411	3,170	3,195	3,260	3,384
IX Administrative & Associated Act	342	352	428	451	510	506	568	572	585	495	512	525	580
X Support Other Nations	12	182	343	452	502	823	362	52	46	25	29	116	281
<b>TOTAL</b>	<b>19,958</b>	<b>24,974</b>	<b>23,883</b>	<b>22,986</b>	<b>23,834</b>	<b>24,696</b>	<b>27,779</b>	<b>26,042</b>	<b>28,442</b>	<b>31,550</b>	<b>33,118</b>	<b>35,427</b>	<b>38,382</b>
By Appropriation													
3010 Aircraft Procurement	3,620	5,306	3,764	3,497	3,038	2,604	2,837	3,070	3,964	5,632	6,372	7,145	7,931
3020 Missile Procurement	2,220	1,408	1,469	1,423	1,666	1,681	1,419	1,522	1,708	1,791	1,797	1,514	2,289
3080 Other Procurement	876	2,358	1,762	1,529	1,574	2,071	1,651	1,643	2,035	2,263	2,268	2,405	2,671
3300 Military Construction	496	481	262	265	281	296	321	392	539	823	491	558	540
3600 RDT&E	3,627	3,412	3,056	2,817	2,929	3,120	3,062	3,299	3,606	3,816	4,222	4,598	5,005
3400 O&M	4,339	5,904	6,520	6,329	6,610	6,633	6,882	7,285	7,669	8,273	8,682	9,406	10,092
3500 Military Personnel	4,423	5,678	6,498	6,524	7,040	7,336	7,479	7,487	7,405	7,316	7,547	7,908	7,876
3700 Reserve Personnel	57	64	82	97	109	119	126	142	160	158	181	199	215
3730 Military Construction - AFR	3	4	4	5	9	7	11	13	16	16	12	13	10
3740 O&M - AFR <sup>2</sup>	-	-	-	-	-	187	239	296	332	355	384	393	411
3830 Military Construction - ANG	17	10	12	10	12	18	19	38	61	37	42	45	30
3840 O&M - ANG	220	266	345	369	417	459	551	653	714	790	848	952	1,040
3850 NG Personnel	60	84	111	123	149	165	182	202	218	222	237	265	274
4921 AFSF	-	-	-	-	-	-	-	-	15	59	35	27	-
<b>TOTAL</b>	<b>19,958</b>	<b>24,974</b>	<b>23,883</b>	<b>22,986</b>	<b>23,834</b>	<b>24,696</b>	<b>24,779</b>	<b>26,042</b>	<b>28,442</b>	<b>31,550</b>	<b>33,118</b>	<b>35,427</b>	<b>38,382<sup>3</sup></b>
Constant FY 80 \$	53,174	56,970	48,896	44,400	42,740	41,034	37,436	35,959	36,938	38,142	37,352	37,476 <sup>3</sup>	38,382 <sup>3</sup>

<sup>1</sup> Total includes \$175M transferred to FY TQ.<sup>2</sup> Part of 3400 prior to 1973.<sup>3</sup> Excludes AF portion of OSD contingency - \$625M.

NOTE: Totals may not add due to rounding.

Source: Historical FYDP  
AF/ACB

AF/ACBM/74776

# SHIFT IN AF EXPENDITURES FROM FY 1964 TO FY 1980 (\$ BILLIONS)

## OUTLAYS

	THEN DOLLARS			CONSTANT 1980 DOLLARS		
	1964	1980	TREND	1964	1980	TREND
OPERATIONS	9.3	19.4	+107%	27.7	19.4	-30%
RDT&E	3.7	4.8	+ 30%	8.9	4.8	-46%
PROCUREMENT/MIL CON	7.5	10.1	+ 35%	16.9	10.1	-40%
TOTAL	20.5	34.3	+ 67%	53.5	34.3	-36%

## TOA

	THEN DOLLARS			CONSTANT 1980 DOLLARS		
	1964	1980	TREND	1964	1980	TREND
OPERATIONS	9.1	20.4	+124%	27.4	20.4	-26%
RDT&E	3.6	4.5	+ 25%	8.8	4.5	-49%
PROCUREMENT/MIL CON	7.3	14.1	+ 93%	17.0	14.1	-17%
TOTAL	20.0	39.0	+ 95%	53.2	39.0	-27%

(1980=President's Budget, including anticipated supplementals & AF portion of OSD contingencies.)

AF/ACMC/54849

## ECONOMIC ESCALATION

	FY 1964 - 1980	
	<u>PURCHASING POWER DECREASES</u>	<u>PRICE INCREASES</u>
RDT&E	75%	+132.5%
PROCUREMENT	78%	+128.8%
MILITARY CONSTRUCTION	54%	+185.2%
MILITARY PERSONNEL	47%	+212.8%
O & M	75%	+134.2%

Source: OSD Inflation Indices  
ACMC 15 Feb 79

## AIR FORCE BUDGET TRENDS

(TOA \$ BILLIONS)

	<u>FY 1964</u>	<u>FY 1974</u>	<u>FY 1975</u>	<u>FY 1976</u>	<u>FY 1977</u>	<u>FY 1978</u>	<u>FY 1979<sup>1</sup></u>	<u>FY 1980<sup>2</sup></u>
<u>THEN YEAR DOLLARS</u>								
President's Budget (Including Supplementals)	20.3	26.6	28.3	30.6	32.5	34.7	35.6	39.0
Appropriated	20.0	24.7	26.1	28.6	31.7	31.9	34.1*	-
Percent Increase Over FY 1964		+24%	+31%	+43%	+59%	+60%	+70%	-
*Excludes pay and program supplemental								
<u>CONSTANT FY 1980 DOLLARS</u>								
Appropriated								
Operating and Personnel	27.0	23.5	22.2	21.3	20.7	20.4	20.1	21.4
Procurement/Mil Cons/RDT&E	24.8	13.8	13.7	15.6	17.9	16.4	17.2	17.5
TOTAL	51.8	37.3	35.9	36.9	38.6	36.8	37.3	38.9
Percent Decrease from FY 1964		-28%	-31%	-29%	-25%	-29%	-28%	-25%

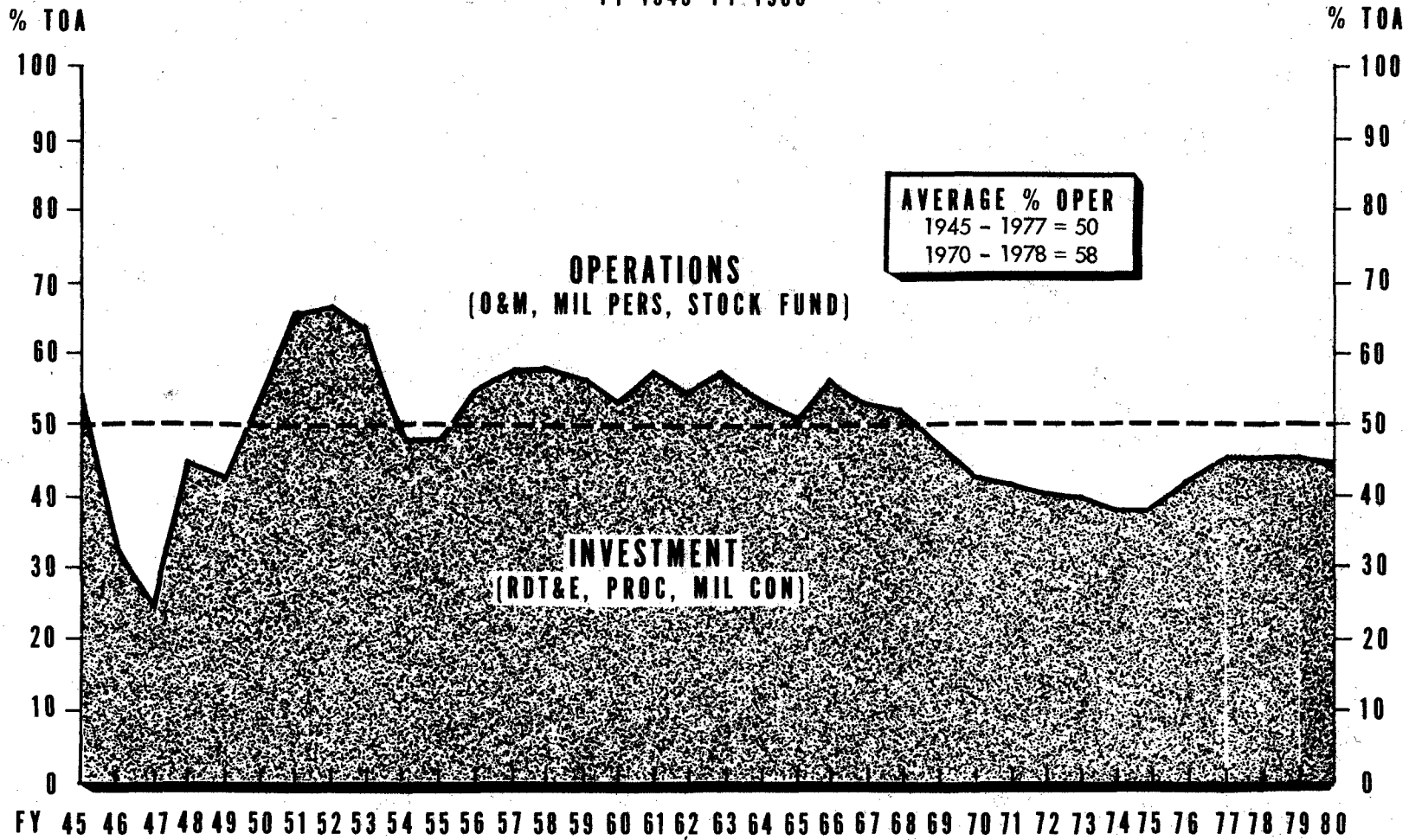
<sup>1</sup> Revised Estimate  
<sup>2</sup> President's Budget

# DEPARTMENT OF THE AIR FORCE

## INVESTMENT & OPERATIONS COSTS AS % TOA

FY 1945-FY 1980

AF/ACBM/74776



Source: OSD Detailed Report, 24 Jan 79

FIN 13

## PAY INCREASES &amp; PAY &amp; PRICE INDICES SINCE 1945

Military and Civilian Pay Increase			Pay & Purchase Price Indices (FY 1980=100)			
Effective Date	Military Pay Base	Civilian Salaries	Fiscal Year	Military Pay Base	Civilian Salaries	Purchase Price <sup>1</sup>
Jul 1, 1945	-	15.9%	1946	16.4	13.4	22.0
Jul 1, 1946	23.7%	14.2%	1947	19.8	14.7	24.6
Jul 1, 1948	-	11.0%	1948	19.9	15.0	28.6
Oct 1, 1949	21.6%	-	1949	19.4	16.1	31.0
Oct 28, 1949	-	4.1%	1950	21.8	16.8	30.6
Jul 1, 1951	-	10.0%	1951	22.1	16.5	33.4
May 1, 1952	10.9%	-	1952	22.9	17.6	33.5
Mar 1, 1955	-	7.5%	1953	24.0	18.2	34.3
Apr 1, 1955	2.8%	-	1954	23.9	19.2	33.4
Jan 1, 1958	-	10.0%	1955	24.5	20.5	34.9
Jun 1, 1958	6.3%	-	1956	25.9	21.9	35.7
Jul 1, 1960	-	7.7%	1957	25.4	22.9	38.4
Oct 14, 1962	-	5.5%	1958	27.3	25.8	39.0
Oct 1, 1963	8.4%	-	1959	28.9	27.5	39.2
Jan 5, 1964	-	4.1%	1960	29.3	28.4	39.0
Jul 1, 1964	-	4.2%	1961	29.7	30.6	39.7
Sep 1, 1964	1.4%	-	1962	29.5	31.4	39.9
Sep 1, 1965	6.4%	-	1963	29.7	32.5	39.7
Oct 1, 1965	-	3.6%	1964	32.0	34.0	40.4
Jul 1, 1966	2.8%	2.9%	1965	33.2	36.1	40.6
Oct 1, 1967	4.5%	4.5%	1966	35.5	37.4	42.6
Jul 1, 1968	4.9%	4.9%	1967	37.6	38.9	44.8
Jul 1, 1969	9.1%	9.1%	1968	39.7	40.4	47.0
Jan 1, 1970	6.0%	6.0%	1969	42.4	43.0	48.0
Jan 1, 1971	6.0%	6.0%	1970	47.8	48.1	50.1
Nov 14, 1971	13.1%	-	1971	51.5	52.2	52.5
Jan 1, 1972	5.5%	5.5%	1972	59.0	56.6	54.6
Jan 1, 1973	5.1%	5.1%	1973	66.3	59.9	56.5
Oct 1, 1973	4.8%	4.8%	1974	70.8	65.3	61.9
Oct 1, 1974	5.5%	5.5%	1975	75.7	70.7	70.5
Oct 1, 1975	5.0%	5.0%	1976	79.6	76.1	75.5
Oct 1, 1976	4.5%	4.8%	1977	84.0	83.4	80.9
Oct 1, 1977	7.0%	7.0%	1978	89.6	89.7	86.5
Oct 1, 1978	5.5%	5.5%	1979	94.7	95.0	93.5
			1980	100.0	100.0	100.0

<sup>1</sup> Non-compensation component of the deflator for federal purchases of goods and services.

# DOD PERSONNEL TRENDS (THOUSANDS) (END FISCAL YEAR)

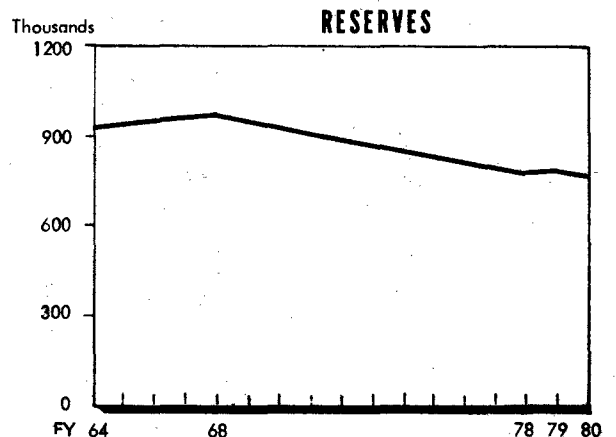
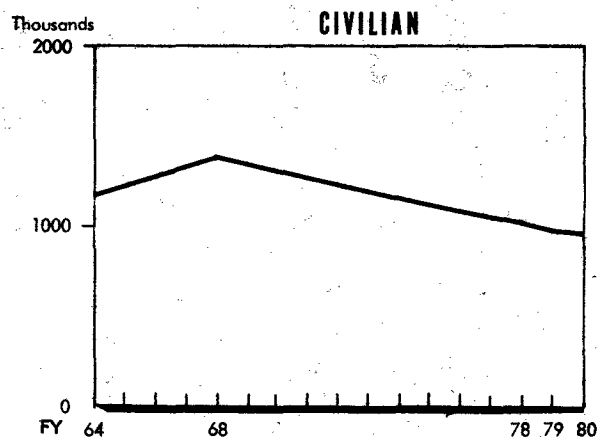
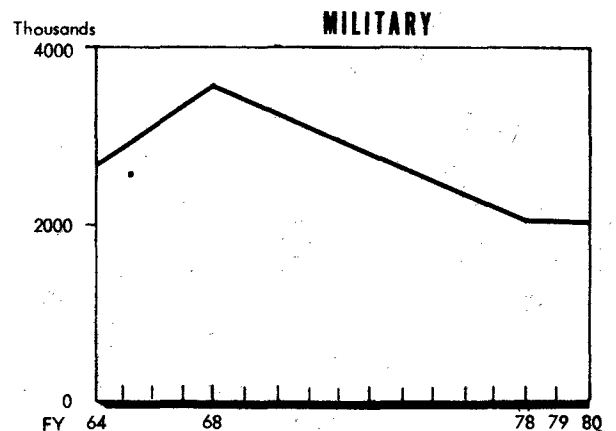
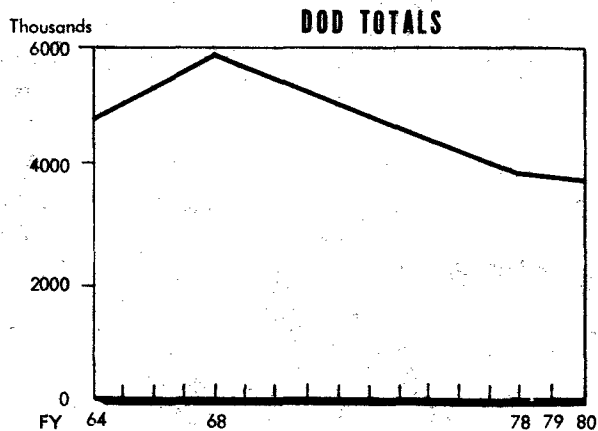
	FY 1964	1968	1978 <sup>1</sup>	PROJ 1979 <sup>1</sup>	PROJ 1980 <sup>1</sup>	CHANGE 1964-78	CHANGE 1968-78	CHANGE 1978-80
<b>ACTIVE DUTY MILITARY(End Strength)</b>								
Air Force	857	905	569	563	559	- 33.6%	- 37.1%	- 1.8%
Army	973	1,570	771	774	774	- 20.8%	- 50.9%	+ .4%
Navy	668	765	530	523	528	- 20.7%	- 30.7%	- .4%
Marine Corps	190	307	191	190	189	+ .5%	- 37.8%	- 1.0%
TOTAL	2,688	3,547	2,061	2,050	2,050	- 23.3%	- 41.9%	- .5%
<b>DIRECT AND INDIRECT HIRE CIVILIANS(End Strength)<sup>2</sup></b>								
Air Force	338	356	251	248	241	- 25.7%	- 29.5%	- 4.0%
Army	452	533	371	358	360	- 17.9%	- 30.4%	- 3.0%
Navy/Marine Corps	347	430	317	310	305	- 8.6%	- 26.3%	- 3.8%
Defense Agencies <sup>4</sup>	38	76	78	78	79	+105.3%	+ 2.6%	+ 1.3%
TOTAL	1,175	1,395	1,017	994	985	- 13.4%	- 27.1%	- 3.1%
(Indirect Included)	( 140)	( 120)	( 81)	( 78)	( 78)	- 42.1%	- 32.5%	- 3.7%
<b>RESERVE COMPONENTS(Average Strength)<sup>3</sup></b>								
Air National Guard	74	81	91	92	93	+ 23.0%	+ 12.3%	+ 2.2%
Air Force Reserve	59	45	51	55	57	- 13.6%	+ 13.3%	+ 11.8%
Army National Guard	373	411	347	344	356	- 7.0%	- 15.6%	+ 2.6%
Army Reserve	253	256	189	187	197	- 25.3%	- 26.2%	+ 4.2%
Naval Reserve	121	126	86	87	49	-28.9%	- 31.7%	- 43.0%
Marine Corps Reserve	46	48	32	33	34	- 30.4%	- 33.3%	+ 6.3%
TOTAL	926	967	796	798	786	- 14.0%	- 17.7%	- 1.3%

<sup>1</sup> Excludes approximately 427 military on active duty who are paid from the Civil Works appropriation.

<sup>2</sup> Excludes Civil Functions, NSA, and special programs for disadvantaged youths.

<sup>3</sup> Reserve data for FY78 and FY 79 include all people attending paid drills or receiving initial training. Beginning FY 80, the reserve data also include officers on statutory tours and other reservists on full-time duty for the purpose of organizing, administering, recruiting, instructing, or training the reserve forces.

<sup>4</sup> Includes OSD and JCS.



# USAF PERSONNEL COMPARISONS

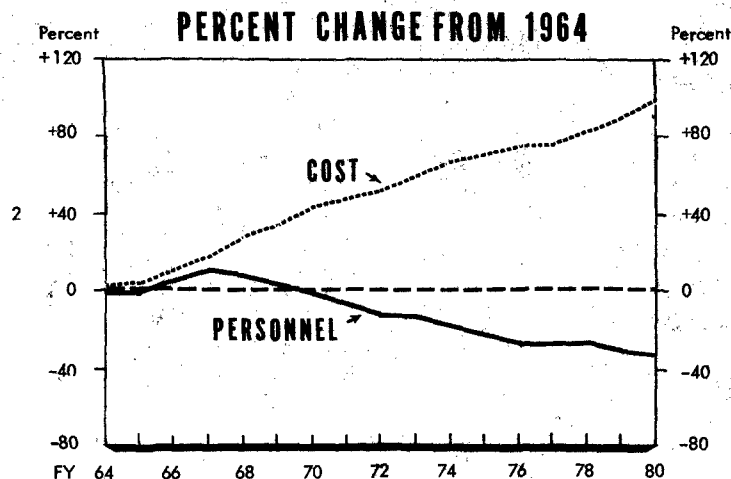
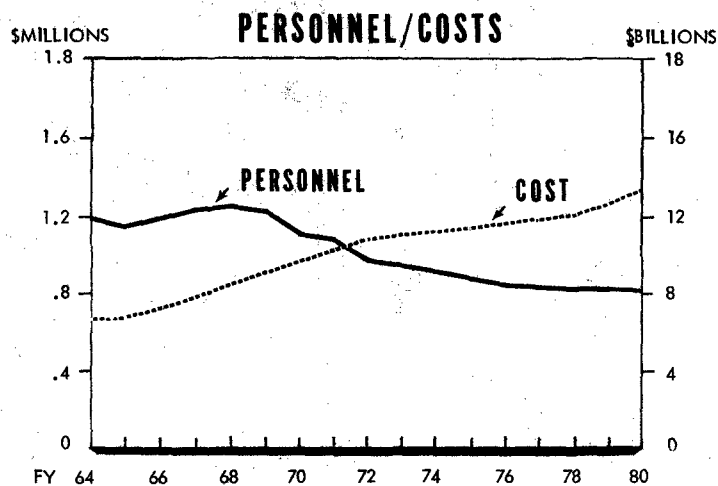
(Personnel in thousands; dollars in millions)

PERS 2

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	Revised Estimate 1979	President's Budget 1980
<b>Civilian Personnel</b>													
Indirect Hire	32.7	25.7	21.3	19.4	19.7	17.1	15.8	14.3	13.5	14.5	14.1	14.4	13.9
Direct Hire	289.7	316.0	306.3	293.1	279.9	270.5	273.6	263.7	248.2	240.8	237.0	233.9	227.5
<b>Total Civilian</b>	<b>322.4</b>	<b>341.7</b>	<b>327.6</b>	<b>312.5</b>	<b>299.6</b>	<b>287.6</b>	<b>289.4</b>	<b>278.0</b>	<b>261.7</b>	<b>255.3</b>	<b>251.1</b>	<b>248.3</b>	<b>241.4</b>
% of Total Personnel	27.4	27.4	29.3	29.3	29.2	29.4	31.0	31.2	30.9	30.9	30.6	30.6	30.2
<b>Military Personnel</b>													
Officer	133.0	139.6	129.5	125.7	121.5	114.8	110.3	105.0	99.6	96.0	95.5	96.6	96.8
Airman	720.0	761.5	657.4	625.0	599.7	571.8	529.1	503.2	481.2	469.9	469.9	461.9	458.0
USAFA Cadets	2.8	3.7	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.4	4.4	4.4
<b>Total Military</b>	<b>855.8</b>	<b>904.8</b>	<b>791.0</b>	<b>755.1</b>	<b>725.6</b>	<b>691.0</b>	<b>643.8</b>	<b>612.6</b>	<b>585.2</b>	<b>570.5</b>	<b>569.8</b>	<b>562.9</b>	<b>559.2</b>
Ratio: Officer:Airman	1:5.4	1:5.5	1:5.1	1:5.0	1:4.9	1:5.0	1:4.8	1:4.8	1:4.8	1:4.9	1:4.9	1:4.8	1:4.7
<b>TOTAL PERSONNEL</b>	<b>1178.2</b>	<b>1246.5</b>	<b>1118.6</b>	<b>1067.6</b>	<b>1025.2</b>	<b>978.6</b>	<b>933.2</b>	<b>890.6</b>	<b>846.9</b>	<b>825.8</b>	<b>820.8</b>	<b>811.1</b>	<b>800.6</b>
<sup>2</sup> Personnel Costs (Millions \$ - Outlays)													
Military Personnel (Includes PCS)	4550	5806	6659	6826	7283	7517	7659	7478	7405	7316	7937	8260	8707 <sup>3</sup>
Civilian Payroll (Direct Hire)	2140	2673	3014	3195	3349	3305	3464	3835	4019	4150	4313	4411	4694 <sup>3</sup>
<b>Total (Air Force)</b>	<b>6690</b>	<b>8479</b>	<b>9673</b>	<b>10021</b>	<b>10632</b>	<b>10822</b>	<b>11123</b>	<b>11313</b>	<b>11424</b>	<b>11466</b>	<b>12250</b>	<b>12671</b>	<b>13401</b>
Retirement (OSD Budget)	258	591	872	1086	1291	1507	1806	2240	2654	3014	3380	3797	4236

<sup>1</sup> Excludes Non-Chargeable Personnel.  
<sup>2</sup> Excluded Reimbursements.  
<sup>3</sup> Includes Projected Pay Raise.

Source: AF/ACB  
AF/MPK  
AF/MPP



## TOTAL USAF ACTIVE MANPOWER BY MAJOR FORCE PROGRAM (NUMBER of PERSONNEL)

Major Force Program	FY 1978				FY 1979 (Est)				FY 1980 (Est)			
	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian
Strategic Forces	18,777	107,302	126,079	17,939	18,347	104,782	123,129	17,735	17,934	101,868	119,802	16,043
General Purpose Forces	18,872	139,757	158,629	29,006	19,357	140,943	160,300	28,111	19,579	141,529	161,108	26,984
Intelligence & Communications	8,156	50,177	58,333	8,270	8,473	50,598	59,071	8,769	8,421	50,336	58,757	8,547
Airlift and Sealift	8,167	48,768	56,935	15,890	7,669	48,310	55,979	15,668	7,394	48,370	55,764	15,274
Guard & Reserve Forces	522	1,100	1,622	34,914	487	968	1,455	34,707	478	856	1,334	33,986
Research and Development	6,657	9,812	16,469	19,064	6,780	9,323	16,103	18,549	6,801	8,466	15,267	18,375
Central Supply & Maintenance	3,071	6,785	9,856	95,072	3,228	6,232	9,460	91,454	3,256	6,599	9,855	89,357
Training, Medical & Other Gen Pers Activities	24,086	97,189	121,275	22,653	25,053	92,529	117,582	24,125	25,785	91,799	117,584	23,805
Administration & Associated Activities	5,242	5,778	11,020	7,141	5,132	5,156	10,288	7,911	5,132	5,083	10,215	7,791
Support to Other Nations	1,692	3,194	4,886	1,142	1,810	3,056	4,866	1,235	1,808	3,089	4,897	1,238
Cadets		4,387	4,387			4,417	4,417			4,417	4,417	
<b>TOTAL AIR FORCE</b>	<b>95,242</b>	<b>474,249</b>	<b>569,491</b>	<b>251,091</b>	<b>96,336</b>	<b>466,314</b>	<b>562,650</b>	<b>248,264</b>	<b>96,588</b>	<b>462,412</b>	<b>559,000</b>	<b>241,400</b>

### (TOA in MILLIONS)

Major Force Program	FY 1978				FY 1979 (Est) <sup>1</sup>				FY 1980 (Est)			
	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian	Officer	Enlisted	Total Military	Total Civilian
Strategic Forces	\$ 448	\$1,087	\$1,535	\$ 317	\$ 466	\$1,152	\$1,618	\$ 318	\$ 453	\$1,127	\$1,580	\$ 320
General Purpose Forces	444	1,405	1,849	387	480	1,524	2,004	393	486	1,541	2,027	417
Intelligence & Communications	192	533	725	173	209	547	756	168	211	550	761	175
Airlift and Sealift	199	509	708	250	199	527	726	258	188	528	716	267
Guard and Reserve Forces	11	10	21	651	13	11	24	697	12	10	22	710
Research and Development	159	103	262	433	169	104	273	437	169	97	266	437
Central Supply and Maintenance	70	69	139	1,664	79	71	150	1,722	81	70	151	1,718
Training, Medical & Other Gen Pers Activities	609	1,049	1,658	376	617	1,030	1,647	394	635	1,006	1,641	409
Cadets			23				24				24	
PCS			422				472				480	
Administration & Associated Activities	121	58	179	146	127	59	186	161	125	55	180	165
Support to Other Nations	14	12	26	-	14	14	28	-	14	14	28	-
<b>TOTAL AIR FORCE</b>	<b>\$2,267</b>	<b>\$4,835</b>	<b>\$7,547</b>	<b>\$4,397</b>	<b>\$2,373</b>	<b>\$5,039</b>	<b>\$7,908</b>	<b>\$4,548</b>	<b>\$2,374</b>	<b>\$4,998</b>	<b>\$7,876</b>	<b>\$4,618</b>

NOTE: Columns may not add due to rounding.  
<sup>1</sup> Includes pay raise for FY 1979.

Source: FY 80 President's Budget for FY 79/80.  
FY 78 manpower is actual assigned end-year strength.

## USAF MANPOWER BY FUNCTIONAL AREA

(Totals in Thousands)

	FY 1978			FY 1979			FY 1980		
	MIL	CIV	AGG	MIL	CIV	AGG	MIL	CIV	AGG
Activities Outside the USAF	9.9	1.3	11.2	9.9	1.2	11.1	9.8	1.7	11.5
Civil Engineering	29.6	34.3	63.9	29.9	34.3	64.2	29.6	33.8	63.4
Comptroller	12.6	14.7	27.3	12.7	14.7	27.4	12.6	14.2	26.8
Depot Operations & Maint	3.3	60.2	63.5	3.4	60.1	63.5	3.3	57.9	61.2
Grnd Comm Elect Opns & Maint	52.0	6.8	58.8	50.2	6.8	57.0	49.0	6.7	55.7
Intelligence	15.1	2.0	17.1	14.7	2.0	16.7	14.5	2.0	16.5
Medical	33.8	7.1	40.9	32.4	7.0	39.4	32.2	6.9	39.1
Operations	52.3	6.2	58.5	52.6	6.3	58.9	52.3	6.2	58.5
Personnel	19.0	10.4	29.4	19.0	10.3	29.3	18.8	10.1	28.9
Research & Development	9.1	12.2	21.3	9.1	12.2	21.3	9.1	11.6	20.7
Security Police	34.2	3.1	37.3	34.0	3.1	37.1	33.9	3.0	36.9
Supply, Services & Procurement	37.0	29.7	66.7	37.0	29.2	66.2	36.7	27.7	64.4
Training	60.7	4.3	65.0	60.3	4.2	64.5	60.2	4.1	64.3
Transportation	19.0	10.1	29.1	17.7	10.1	27.8	17.6	9.7	27.3
Weapons Systems Maint	136.6	8.4	145.0	138.1	8.4	146.5	138.2	8.1	146.3
Command, Admin, Other	26.8	10.9	37.7	27.4	9.1	36.5	27.3	9.1	36.4
Transients & Patients	18.5		18.5	14.2		14.2	13.9		13.9
Air Reserve Forces									
ANG Tech		22.4	22.4		22.3	22.3		21.8	21.8
AF Reserve Tech		7.0	7.0		7.0	7.0		6.8	6.8
Aggregate	569.5	251.1	820.6	562.7	248.3	810.9	559.0	241.4	800.4

NOTE: Totals may not add due to rounding.

AF/MPMP/51963

## MANPOWER AUTHORIZATIONS BY COMMAND FY 79

COMMAND	TOTAL AUTHORIZATIONS		MILITARY AUTHORIZATIONS		CIVILIANS AUTHORIZATIONS	
		%		%		%
SAC	117.7	( 14.5)	104.2	( 18.5)	13.6	( 5.5)
TAC	95.4	( 11.8)	84.9	( 15.1)	10.5	( 4.2)
AFLC	87.3	( 10.8)	9.2	( 1.6)	78.1	( 31.5)
MAC	87.1	( 10.7)	69.8	( 12.4)	17.2	( 6.9)
ATC	86.9	( 10.7)	70.8	( 12.6)	16.1	( 6.5)
USAFE	65.1	( 8.0)	55.4	( 9.9)	9.8	( 4.0)
AFSC	52.1	( 6.4)	25.8	( 4.6)	26.3	( 10.6)
AFCS	47.5	( 5.9)	40.0	( 7.1)	7.5	( 3.0)
PACAF	35.2	( 4.3)	24.9	( 4.4)	10.3	( 4.1)
ANG	23.7	( 2.9)	-	( -)	23.7	( 9.5)
ADCOM	23.7	( 2.9)	20.0	( 3.6)	3.8	( 1.5)
USAFSS	12.0	( 1.5)	11.0	( 2.0)	1.0	( .4)
AFRES	11.3	( 1.4)	.5	( .1)	10.8	( 4.4)
AAC	8.9	( 1.1)	7.7	( 1.4)	1.3	( .5)
AFA	8.6	( 1.1)	6.9	( 1.2)	1.8	( .7)
OTHER	34.2	( 4.2)	17.4	( 3.0)	16.5	( 6.7)
TRANSIENTS & PATIENTS	14.2	( 1.8)	14.2	( 2.5)	-	-
TOTAL ACTIVE	810.9	(100.0)	562.7	(100.0)	248.3	(100.0)
AFRES			56.5	( 37.7)		
ANG			93.5	( 62.3)		
TOTAL RESERVE FORCES			150.0	(100.0)		

NOTE: Totals may not add due to rounding.

SOURCE: FY 80 President's Budget for FY 79/80.  
FY 78 Derived from assigned strength totals.

**USAF PERSONNEL  
ASSIGNED STRENGTH BY COMMAND/ SOA'  
(END OF FISCAL YEAR)  
(IN THOUSANDS)**

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976	1977	1978
<u>AAC</u>															
Military	10.4	9.9	10.0	9.8	9.9	9.5	8.1	8.5	8.9	9.0	9.1	8.7	8.4	7.5	7.7
Civilian	1.8	1.9	2.2	2.3	2.5	2.4	2.1	2.3	2.2	2.1	2.2	1.9	1.7	1.2	1.3
Total AAC	12.2	11.8	12.2	12.1	12.5	11.9	10.2	10.8	11.1	11.1	11.3	10.6	10.1	8.7	9.0
<u>ADC</u>															
Military	96.2	88.1	81.6	82.1	73.3	59.4	50.9	41.6	37.0	34.0	31.3	28.6	25.4	23.7	22.9
Civilian	10.3	10.3	11.2	13.3	14.5	12.6	9.7	8.2	7.3	6.1	5.3	5.5	5.3	4.2	4.1
Total ADC	106.5	98.4	92.8	95.4	87.8	72.0	60.6	49.8	44.3	40.1	36.6	34.1	30.7	27.9	27.0
<u>AFAA</u>															
Military	-	-	-	-	-	-	-	-	.6	.6	.5	.5	.5	.5	.4
Civilian	-	-	-	-	-	-	-	-	.5	.5	.5	.5	.5	.5	.6
Total AFAA	-	-	-	-	-	-	-	-	1.1	1.1	1.0	1.0	1.0	1.0	1.0
<u>AFAFC</u>															
Military	.1	.1	.1	.1	.3	.3	.4	.4	.3	.3	.3	.2	.2	.3	.3
Civilian	1.7	1.8	1.7	1.8	1.9	1.9	1.8	1.8	1.8	2.1	2.2	2.0	1.9	1.8	1.8
Total AFAFC	1.8	1.9	1.9	1.9	2.2	2.2	2.2	2.2	2.1	2.4	2.5	2.2	2.1	2.1	2.1
<u>AFCS</u>															
Military	42.7	41.5	46.5	47.9	48.6	46.7	49.0	48.4	45.5	42.7	41.3	39.6	41.1	42.5	41.3
Civilian	6.2	6.0	5.9	6.2	5.9	5.6	8.0	7.2	6.8	6.6	6.8	7.1	7.1	7.3	7.0
Total AFCS	48.9	47.5	52.4	54.1	54.6	52.3	57.0	55.6	52.3	49.3	48.1	46.7	48.2	49.8	48.3
<u>AFDAA</u>															
Military	-	-	-	-	-	-	-	-	.7	.9	1.1	1.2	1.3	1.1	-
Civilian	-	-	-	-	-	-	-	-	.5	.6	.6	.8	.9	.9	-
Total AFDAA	-	-	-	-	-	-	-	-	1.2	1.4	1.7	2.0	2.2	2.0	-
<u>AFDSDC</u>															
Military	-	-	-	-	.4	.5	.5	.5	-	-	-	-	-	-	-
Civilian	-	-	-	-	-	-	.3	.3	-	-	-	-	-	-	-
Total AFDSDC	-	-	-	-	.4	.5	.8	.8	-	-	-	-	-	-	-
<u>AFIS</u>															
Military	-	-	-	-	-	-	-	-	-	.4	.4	.4	.4	.4	.4
Civilian	-	-	-	-	-	-	-	-	-	.2	.1	.2	.2	.1	.1
Total AFIS	-	-	-	-	-	-	-	-	-	.6	.5	.6	.6	.5	.5

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**USAF PERSONNEL  
ASSIGNED STRENGTH BY COMMAND/SOA<sup>1</sup>  
(END OF FISCAL YEAR)**

(Continued)

(IN THOUSANDS)

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976	1977	1978
<u>AFISC</u>															
Military	-	-	-	-	-	-	-	-	.3	.3	.3	.4	.4	.4	.4
Civilian	-	-	-	-	-	-	-	-	.1	.1	.1	.1	.1	.1	.1
Total AFISC	-	-	-	-	-	-	-	-	.4	.4	.4	.5	.5	.5	.5
<u>AFLC</u>															
Military	16.3	15.9	15.7	15.3	16.2	15.4	11.1	10.1	10.5	10.7	10.6	9.9	9.2	9.1	9.5
Civilian	124.8	125.0	134.8	130.6	125.2	124.9	114.0	107.9	103.5	100.7	97.2	90.5	83.0	81.9	82.1
Total AFLC	141.1	140.9	150.5	145.8	141.3	140.3	125.1	117.9	114.0	114.4	107.8	100.4	92.2	91.0	91.6
<u>AFMPC</u>															
Military	-	-	-	-	-	-	-	-	.9	1.1	1.2	1.2	1.3	1.4	1.7
Civilian	-	-	-	-	-	-	-	-	.6	.6	.6	.6	.6	.7	.8
Total AFMPC	-	-	-	-	-	-	-	-	1.5	1.7	1.8	1.8	1.9	2.1	2.5
<u>AFOAR</u>															
Military	.5	.5	.5	.5	.5	.5	.05	-	-	-	-	-	-	-	-
Civilian	1.5	1.5	1.5	1.6	1.5	1.5	1.5	-	-	-	-	-	-	-	-
Total AFOAR	2.0	2.0	2.0	2.1	2.0	2.1	1.6	-	-	-	-	-	-	-	-
<u>AFOSI</u>															
Military	-	-	-	-	-	-	-	-	2.4	1.5	1.5	1.5	1.6	1.7	1.5
Civilian	-	-	-	-	-	-	-	-	.6	.4	.4	.4	.3	.3	.3
Total AFOSI	-	-	-	-	-	-	-	-	3.0	1.9	1.9	1.9	1.9	2.0	1.8
<u>AFRES/ARPC</u>															
Military	2.4	1.7	1.5	1.3	1.3	1.0	1.0	1.0	1.0	1.0	.9	1.0	.5	.6	.6
Civilian	9.0	9.0	8.6	8.9	8.4	8.0	8.4	9.5	9.3	10.3	11.5	11.5	10.9	10.9	10.9
Total AFRES/ARPC	11.4	10.7	10.2	10.3	9.7	9.0	9.4	10.5	10.3	11.3	12.4	12.5	11.4	11.5	11.5
<u>AFSC</u>															
Military	29.1	29.7	29.1	29.5	30.2	27.4	27.8	26.2	28.0	27.7	26.5	26.2	26.5	24.9	26.0
Civilian	37.3	36.9	32.6	31.9	33.3	31.6	29.5	29.4	28.9	28.5	29.6	29.0	28.1	26.1	26.2
Total AFSC	66.4	66.6	61.7	61.5	63.5	59.0	57.3	55.6	56.9	56.2	56.1	55.2	54.6	51.0	52.2
<u>AFTEC HQ</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	.2	.2	.2	.2
Civilian	-	-	-	-	-	-	-	-	-	-	-	.04	.05	.07	.07
Total AFTEC HQ	-	-	-	-	-	-	-	-	-	-	-	.2	.2	.3	.3

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**USAF PERSONNEL**  
**ASSIGNED STRENGTH BY COMMAND/SOA'**  
**(END OF FISCAL YEAR)**

(Continued)  
 (IN THOUSANDS)

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976	1977	1978
<u>ATC</u>															
Military	58.1	56.0	56.4	57.2	55.0	53.2	53.9	51.2	63.5	60.1	61.0	55.2	50.0	48.7	70.9
Civilian	20.2	20.5	23.1	21.4	22.1	20.0	19.6	19.5	18.8	18.3	18.7	17.9	16.8	14.4	15.0
Total ATC	78.3	76.5	79.5	78.6	77.2	73.3	73.5	70.7	82.3	78.4	79.7	73.1	66.8	63.1	85.9
<u>AU</u>															
Military	5.3	5.2	5.0	4.9	4.7	4.7	4.5	4.4	4.6	4.5	5.0	4.7	4.3	4.0	-
Civilian	2.2	2.3	2.4	2.6	2.6	2.4	2.4	2.4	2.3	2.2	2.3	2.2	2.1	2.0	-
Total AU	7.5	7.6	7.4	7.5	7.4	7.1	6.9	6.8	6.9	6.7	7.3	6.9	6.4	6.0	-
<u>HQ COMD</u>															
Military	22.8	24.2	22.2	25.5	29.7	29.8	29.8	28.6	21.3	19.9	19.5	17.3	15.4	-	-
Civilian	7.3	8.0	6.8	7.4	7.2	6.9	7.0	6.9	4.2	3.7	3.5	3.2	2.8	-	-
Total HQ COMD	30.1	32.2	29.0	32.9	36.9	36.7	36.8	35.5	25.5	23.6	23.0	20.5	18.2	-	-
<u>HQ USAF</u>															
Military	2.8	2.8	2.9	3.1	3.2	3.3	3.0	2.9	3.9	3.9	3.9	3.9	3.9	See	See
Civilian	3.4	3.3	3.4	3.7	3.6	3.2	2.7	2.5	2.8	2.8	2.6	2.5	2.3	Below	Below
Total HQ USAF	6.2	6.1	6.4	6.8	6.8	6.5	5.7	5.4	6.7	6.7	6.5	6.4	6.2	-	-
<u>OSAF/AIR STAFF</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	1.7
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	1.4
Total OSAF/AIR STAFF	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	3.1
<u>OTHER HAF ELEMENTS</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	-	-	.8	.9
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	-	.5	.4
Total Other HAF Elements	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	1.3
<u>AF ELEMENTS</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	5.3
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	-	.2	.3
Total AF Elements	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	5.6
<u>AF ELEMENTS, EUROPE</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	2.3
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*
Total AF Elements	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	2.3

(Continued on next page)

**USAF PERSONNEL  
ASSIGNED STRENGTH BY COMMAND/SOA  
(END OF FISCAL YEAR)**

(Continued)

(IN THOUSANDS)

<u>COMMAND/SOA</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u> <sup>2</sup>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
<u>MAC/ACIC</u>															
Military	72.3	72.2	76.0	82.2	89.7	76.2	74.4	70.3	69.5	60.9	54.9	70.0	71.8	72.6	71.0
Civilian	18.7	18.5	19.5	22.7	22.7	23.9	22.0	20.6	19.9	16.0	15.0	16.3	16.4	17.5	17.4
Total MAC/ACIC	91.0	90.7	95.4	104.9	112.4	100.0	96.4	90.9	89.4	76.9	69.9	86.3	88.2	90.1	88.4
<u>PACAF</u>															
Military	41.2	40.6	92.3	114.8	123.1	129.8	110.3	88.5	65.1	51.5	48.8	38.6	24.6	24.0	23.1
Civilian	20.2	24.9	28.9	44.3	43.6	43.9	34.1	25.7	21.0	16.7	16.1	13.5	10.8	10.0	9.6
Total PACAF	61.4	65.5	121.2	159.2	166.7	173.6	144.4	114.2	86.1	68.2	64.9	52.1	35.4	34.0	32.7
<u>SAC</u>															
Military	241.8	213.5	176.6	167.5	158.0	141.8	139.6	136.3	142.3	143.4	133.3	128.5	119.7	107.0	105.5
Civilian	22.2	22.0	20.9	23.4	20.5	20.1	17.5	19.6	19.6	18.9	20.5	19.9	19.2	14.8	13.4
Total SAC	263.9	235.5	197.5	190.9	178.5	161.9	157.1	155.9	161.9	162.3	153.8	148.4	138.9	121.8	118.9
<u>TAC</u>															
Military	65.1	74.7	73.0	88.6	104.2	94.9	93.0	94.7	98.4	88.9	81.1	69.9	80.3	84.9	87.0
Civilian	7.7	8.2	9.9	12.3	11.7	11.3	11.4	13.0	11.8	11.2	11.8	11.0	11.4	10.6	10.4
Total TAC	72.8	82.9	82.9	100.9	115.9	106.2	104.4	107.7	110.2	100.1	92.9	80.9	91.7	95.5	97.4

**USAF PERSONNEL  
ASSIGNED STRENGTH BY COMMAND/SOA'  
(END OF FISCAL YEAR)**

(Continued)

(IN THOUSANDS)

COMMAND/SOA	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>	1971	1972	1973	1974	1975	1976	1977	1978
<u>USAFA</u>															
Military	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.2	2.4
Civilian	1.8	1.8	1.8	1.9	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.8	1.8
Total USAFA	3.3	3.4	3.5	3.7	4.0	4.1	4.3	4.3	4.3	4.4	4.3	4.2	4.2	4.0	4.2
<u>USAFE</u>															
Military	59.4	57.3	58.8	57.4	53.6	52.7	46.2	44.3	46.6	47.0	46.4	46.7	45.6	50.4	50.8
Civilian	21.9	16.9	17.9	15.3	15.3	15.1	12.3	12.7	12.1	12.3	13.3	12.2	11.0	10.5	10.3
Total USAFE	81.3	74.1	76.6	72.7	68.9	67.8	58.5	57.0	58.7	59.3	59.7	58.9	56.6	60.9	61.1
<u>USAFSO</u>															
Military	1.7	2.3	2.5	2.7	2.8	2.8	2.5	2.1	1.9	1.6	1.6	1.5	-	-	-
Civilian	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	.9	.9	.8	.8	-	-	-
Total USAFSO	2.8	3.3	3.5	3.8	3.9	3.9	3.6	3.1	2.8	2.5	2.4	2.3	-	-	-
<u>USAFSS</u>															
Military	25.0	24.2	23.9	24.1	25.5	24.7	23.5	20.8	19.3	18.6	17.8	15.3	15.0	13.7	11.6
Civilian	3.2	2.3	2.1	2.4	2.5	2.5	2.1	2.0	2.0	2.5	2.5	2.6	2.6	2.2	2.0
Total USAFSS	28.2	26.5	26.1	26.5	28.0	27.1	25.6	22.8	21.4	21.1	20.3	17.9	17.6	15.9	13.6
<u>AFMEA</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	-	.1	.2	-
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	*	.07	-
Total AFMEA	-	-	-	-	-	-	-	-	-	-	-	-	.2	.3	-
<u>AFESC</u>															
Military	-	-	-	-	-	-	-	-	-	-	-	-	-	.9	.9
Civilian	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	9.6
Total AFESC	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2	10.5
CADETS	2.8	2.9	3.2	3.4	3.7	3.9	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.4
MIL PIPELINE	58.3	58.6	103.4	72.7	68.3	81.4	55.0	67.6	46.5	53.4	38.8	34.9	30.9	32.7	33.7
ANG CIV	-	-	-	-	-	16.7	18.0	18.1	19.7	21.3	23.0	23.6	23.5	22.0	23.8
TRANSIENTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.6

\* Less than 50.

<sup>1</sup> Military data excludes non-chargeables.

<sup>2</sup> Commencing 1970, civilian data excludes non-ceiling programs.

Source: AF/MPP and AF/MPK Strength Reports.

## MAJOR INSTALLATIONS AUTHORIZED STRENGTH (FY 4/78) BY STATE

State/Base	Mil	Civ	Total	State/Base	Mil	Civ	Total
<u>Alabama</u>				<u>Idaho</u>			
Gunter AFB	1,164	899	2,063	Mountain Home	4,297	458	4,755
Maxwell AFB	2,244	1,627	3,871	<u>Illinois</u>			
<u>Alaska</u>				Chanute AFB	2,626	1,361	3,987
Eielson AFB	2,483	342	2,825	Chicago O'Hara IAP	20	646	666
Elemendorf AFB	6,069	1,157	7,226	Scott AFB	6,322	3,155	9,477
Shemya AFS	621	24	645	<u>Indiana</u>			
<u>Arizona</u>				Grissom AFB	2,273	704	2,977
Davis-Monthan AFB	6,257	1,406	7,663	<u>Kansas</u>			
Luke AFB	5,998	1,095	7,093	McConnell AFB	3,780	777	4,557
Williams AFB	2,276	754	3,030	<u>Louisiana</u>			
<u>Arkansas</u>				Barksdale AFB	5,394	984	6,378
Blytheville AFB	2,601	368	2,969	England AFB	2,939	447	3,386
Little Rock AFB	6,384	809	7,193	New Orleans NAS	67	376	443
<u>California</u>				<u>Maine</u>			
Beale AFB	4,073	552	4,625	Loring AFB	3,459	621	4,080
Castle AFB	5,991	436	6,427	<u>Maryland</u>			
Edwards AFB	3,525	2,038	5,563	Andrews AFB	5,220	3,091	8,311
George AFB	5,186	507	5,693	<u>Massachusetts</u>			
Los Angeles AFS	1,348	1,018	2,366	L.G. Hanscom AFB	1,897	2,784	4,681
March AFB	4,065	917	4,982	Westover AFB	87	744	831
Mather AFB	3,793	1,315	5,108	<u>Michigan</u>			
McClellan AFB	2,879	12,801	15,680	K.I. Sawyer AFB	3,679	433	4,112
Norton AFB	5,243	2,808	8,051	Selfridge AFB	101	1,335	1,436
Travis AFB	8,432	2,443	10,875	Wurtsmith AFB	2,744	394	3,138
Vandenberg AFB	4,340	1,498	5,838	<u>Minnesota</u>			
<u>Colorado</u>				Duluth IAP	1,119	373	1,492
Lowry AFB	3,393	4,159	7,552	Minneapolis-St Paul IAP	32	818	850
Peterson AFB	1,882	931	2,813	<u>Mississippi</u>			
AF Academy	2,344	1,952	4,296	Columbus AFB	2,077	537	2,614
<u>Delaware</u>				Keesler AFB	5,443	2,810	8,253
Dover AFB	4,833	1,389	6,222	<u>Missouri</u>			
<u>District of Columbia</u>				Richards-Gebaur AFB	68	507	575
Bolling AFB	1,406	739	2,145	Whiteman AFB	3,162	507	3,669
<u>Florida</u>				<u>Montana</u>			
Eglin AFB	7,791	3,344	11,135	Malmstrom	4,800	544	5,344
Eglin O9 AAF	3,115	324	3,439	<u>Nebraska</u>			
Homestead AFB	4,891	814	5,705	Offutt AFB	11,778	1,746	13,524
MacDill AFB	5,052	824	5,876	<u>Nevada</u>			
Patrick AFB	3,061	1,785	4,846	Nellis AFB	7,090	1,062	8,152
Tyndall AFB	3,978	960	4,938	<u>New Hampshire</u>			
<u>Georgia</u>				Pease AFB	3,268	684	3,952
Dobbins AFB	124	809	933	<u>New Jersey</u>			
Moody AFB	2,660	461	3,121	McGuire AFB	4,789	2,172	6,961
Robins AFB	3,749	14,277	18,026	<u>Hawaii</u>			
<u>Hawaii</u>				Hickam AFB	4,963	2,194	7,157
Wheeler AFB	409	125	534	<u>New Mexico</u>			

<sup>1</sup> Includes Air Force active personnel & ANG & AFR technicians. Does not include students.  
SOURCE: PD 80-3 dated 23 May 78.

**MAJOR INSTALLATIONS  
AUTHORIZED STRENGTH (FY4/78)  
BY STATE  
(Continued)**

<u>State/Base</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>State/Base</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>
<u>New Mexico</u>				<u>South Dakota</u>			
Cannon AFB	4,079	405	4,484	Ellsworth AFB	6,006	591	6,597
Holloman AFB	5,321	1,133	6,454	<u>Tennessee</u>			
Kirtland AFB	3,826	2,881	6,707	<u>Arnold Engineering Dev Center</u>			
<u>New York</u>					95	154	249
Griffiss AFB	3,702	2,979	6,681	<u>Texas</u>			
Hancock Fld	893	257	1,150	Bergstrom AFB	4,757	757	5,514
Niagara Falls IAP	22	596	618	Brooks AFB	1,354	954	2,308
Plattsburg AFB	3,752	418	4,170	Carswell AFB	4,458	947	5,405
<u>North Carolina</u>				Dyess AFB	4,892	441	5,333
Pope AFB	3,561	327	3,888	Goodfellow AFB	966	305	1,271
Seymour Johnson AFB	4,946	539	5,485	Kelly AFB	1,567	16,081	17,648
<u>North Dakota</u>				Lackland AFB	6,467	2,408	8,875
Grand Forks AFB	5,090	486	5,576	Laughlin AFB	1,974	565	2,539
Minot AFB	5,429	534	5,963	Randolph AFB	4,590	2,460	7,050
<u>Ohio</u>				Reese AFB	1,810	660	2,470
Newark AFB	51	2,542	2,593	Sheppard AFB	3,516	1,734	5,250
Rickenbacker AFB	1,812	1,152	2,964	<u>Utah</u>			
Wright-Patterson AFB	7,012	15,793	22,805	<u>Hill AFB</u>			
Youngstown MPT	1	291	292		4,199	13,245	17,444
<u>Oklahoma</u>				<u>Virginia</u>			
Altus	3,514	624	4,138	Ft Lee AFS	508	62	570
Tinker AFB	4,410	16,058	20,468	Langley AFB	8,692	1,520	10,212
Vance AFB	680	137	817	<u>Washington</u>			
<u>Pennsylvania</u>				Fairchild AFB	3,847	865	4,712
Greater Pittsburg IAP	29	325	354	McChord AFB	5,006	1,410	6,416
Willow Grove NAS	4	380	384	<u>Wisconsin</u>			
<u>South Carolina</u>				<u>Gen B. Mitchell Fld</u>			
Charleston AFB	4,088	1,313	5,410		10	277	287
Myrtle Beach AFB	2,631	445	3,076	<u>Wyoming</u>			
Shaw AFB	5,606	553	6,159	<u>F. E. Warren AFB</u>			
					3,680	451	4,131

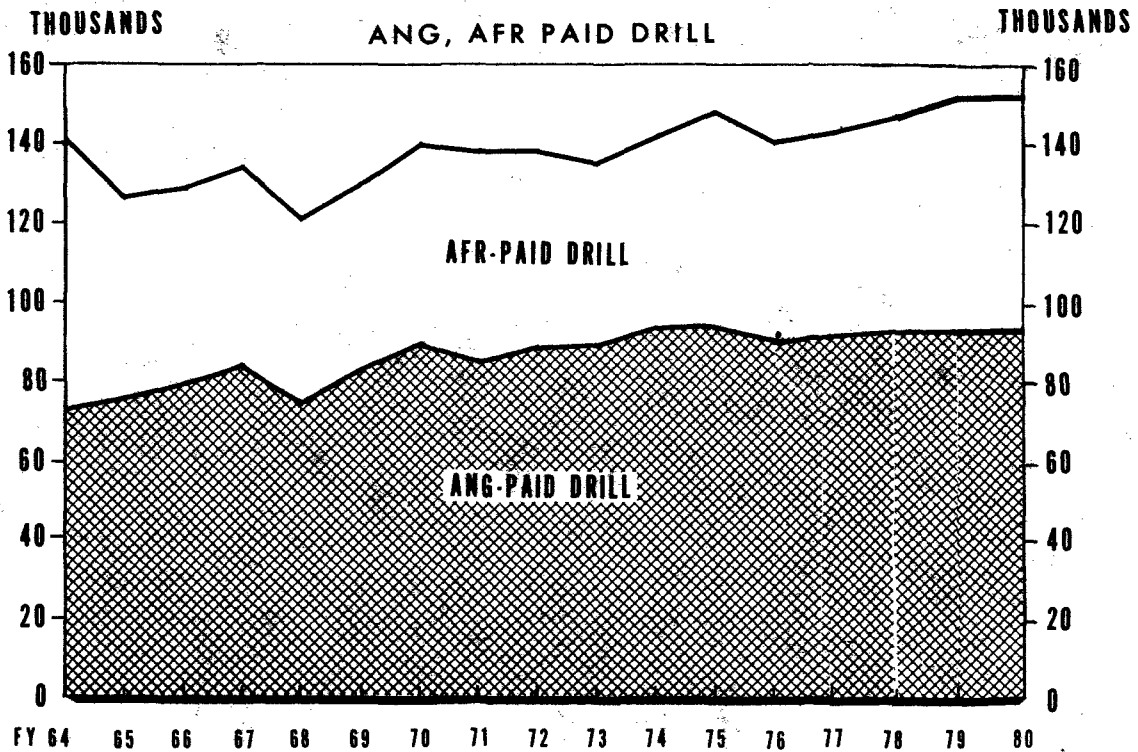
<sup>1</sup> Includes Air Force active personnel & ANG & AFR technicians. Does not include students.

## RESERVE AND ANG FORCES (THOUSANDS)

Air Reserve Forces	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>	1980 <sup>1</sup>
ANG Paid	73	75	90	86	89	90	94	95	91	92	92	93	93
AFR Paid*	67	46	52	52	49	45	48	52	49	51	55	58	59
AFR Non-Paid	97	145	208	193	155	135	119	85	82	61	45	40	38
<b>Total Ready Reserve</b>	<b>237</b>	<b>266</b>	<b>350</b>	<b>331</b>	<b>293</b>	<b>270</b>	<b>261</b>	<b>232</b>	<b>222</b>	<b>204</b>	<b>200</b>	<b>200</b>	<b>190</b>
Standby	130	101	88	107	64	46	46	45	44	44	43	43	43
<b>Total ANG &amp; Reserve</b>	<b>367</b>	<b>367</b>	<b>438</b>	<b>439</b>	<b>357</b>	<b>316</b>	<b>307</b>	<b>276</b>	<b>266</b>	<b>248</b>	<b>242</b>	<b>242</b>	<b>233</b>

\* Includes Selected Reserve plus Category D (Active Duty Training Only) Participants.  
<sup>1</sup> Projected Program.

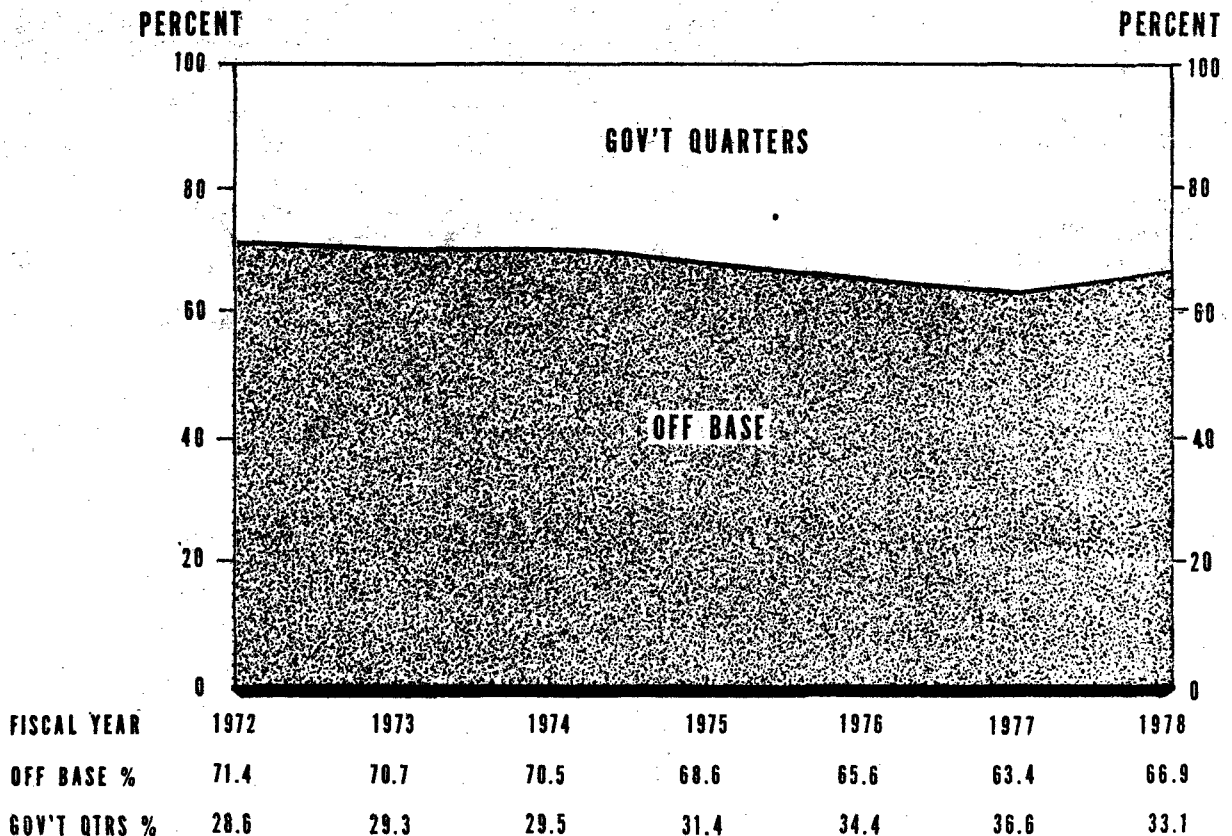
## RESERVE FORCES PERSONNEL



## FAMILY HOUSING TRENDS (End Fiscal Year)

	1972	1973	1974	1975	1976	1977	1978
<b>TOTAL PERSONNEL (Thousands)</b>	721.2	686.6	639.4	608.2	580.8	574.9	568.2
OFFICERS	121.5	114.8	110.3	105.0	99.6	98.0	95.9
ARMEN	599.7	571.8	529.1	503.2	481.2	476.9	472.3
<b>OFFICERS (With Dependents)</b>							
Living in Government Quarters	36,107	33,483	30,028	30,414	30,980	27,992	23,885
Living Off-Base with BAQ	65,128	64,267	62,670	58,265	50,492	53,222	53,774
<b>ENLISTED (With Dependents)</b>							
Living in Government Quarters	105,386	105,630	104,113	103,702	105,782	112,284	114,787
Living Off-Base with BAQ	287,212	270,615	257,663	235,272	209,725	190,086	227,684
<b>TOTALS</b>							
Living in Government Quarters	141,493	139,113	134,141	134,116	136,762	140,276	138,672
Living Off-Base with BAQ	352,340	334,882	320,333	293,537	260,217	243,308	281,458
<b>TOTAL ACTIVE GOVERNMENT UNITS</b>							
Beginning Year	143,772	145,371	140,988	137,421	139,102	142,475	141,681
Gains	4,427	2,763	2,633	3,565	4,549	5,868	2,076
Losses	2,828	7,146	6,200	1,874	1,176	6,662	2,712
<b>END YEAR</b>	145,371	140,988	137,421	139,102	142,475	141,681	141,045
<b>AVERAGE NUMBER OF VACANT UNITS</b>	2,700	1,700	1,400	1,400	1,400	1,800	2,700

### HOUSING OF MEMBERS WITH DEPENDENTS



# RATED OFFICER REQUIREMENTS/INVENTORY

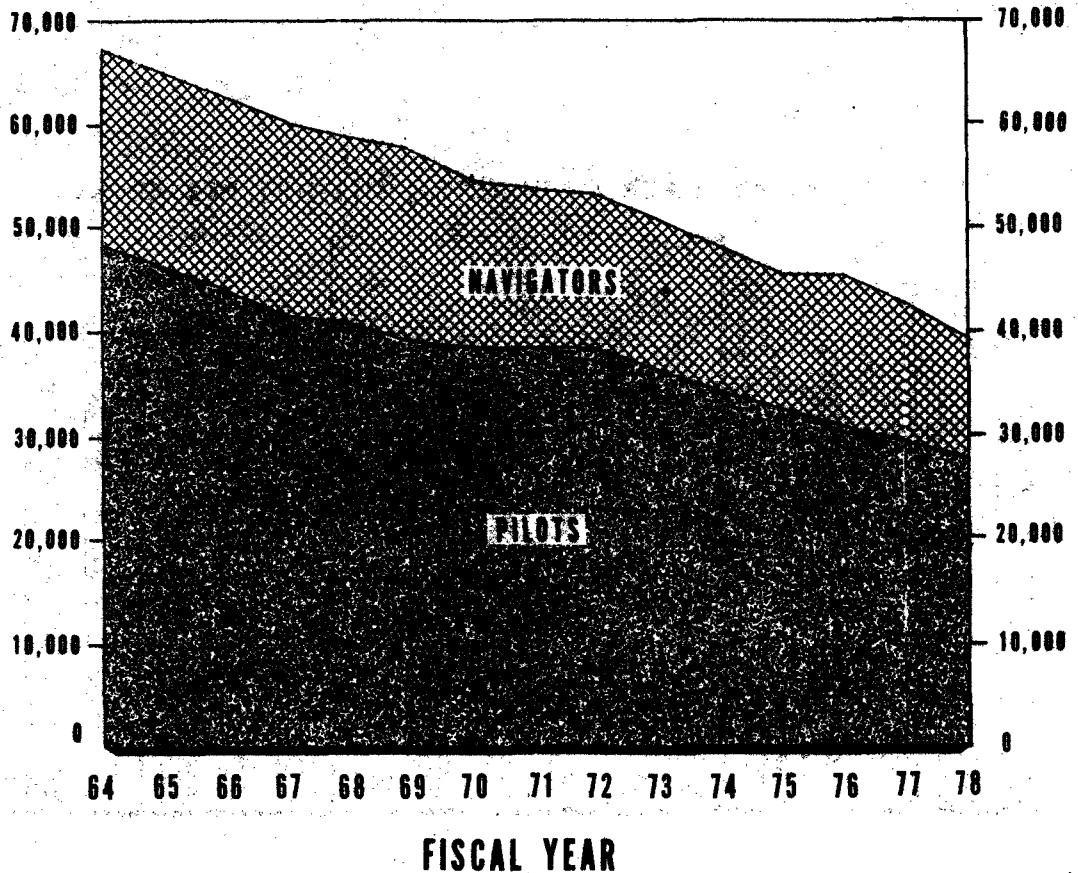
CATEGORY	PILOTS		NAVIGATORS	
	<u>30 Sep 77</u>	<u>30 Sep 78</u>	<u>30 Sep 77</u>	<u>30 Sep 78</u>
Force	9,782	9,673	5,580	5,472
Training	2,988	3,189	767	865
Supervision/Staff	5,616	5,633	2,712	2,733
<sup>1</sup> Advanced Students	1,359	1,390	589	613
Surge & Drawdown	2,645	1,126	849	651
Transients	642	691	284	306
Educational Development	279	279	125	125
<sup>2</sup> Total Rated Requirement	23,311	21,981	10,906	10,765
<sup>2</sup> Total Rated Inventory	26,372	24,913	12,246	11,587
	<u># Receiving Incentive Pay</u>		<u># Actually Flying</u>	
	<u>Sep 77</u>	<u>Sep 78</u>	<u>Sep 77</u>	<u>Sep 78</u>
Pilots:				
Colonel & General	1,977	1,711	499	613
Lt Colonel & Below	26,109	24,628	18,702	17,932
Navigators:				
Colonel & General	449	398	6	7
Lt Colonel & Below	12,109	11,434	7,899	7,629
TOTALS	40,644	38,171	27,106	26,181

<sup>1</sup> Colonels & Generals are not included in the Rated Inventory or Rated Requirements.

## RATED OFFICERS ON FLYING STATUS

FY	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Pilots	44,746	42,979	42,206	41,367	39,052	38,893	39,035	36,865	34,634	32,716	31,284	29,222	27,624
Navigators	18,382	17,691	16,988	16,382	15,304	14,885	14,692	14,315	13,780	13,923	13,396	12,842	12,177
TOTAL	63,128	60,670	59,194	57,749	54,356	53,778	53,727	51,180	48,414	46,639	44,680	42,064	39,801

## RATED OFFICERS ON FLYING STATUS



Source: AF/MPPP

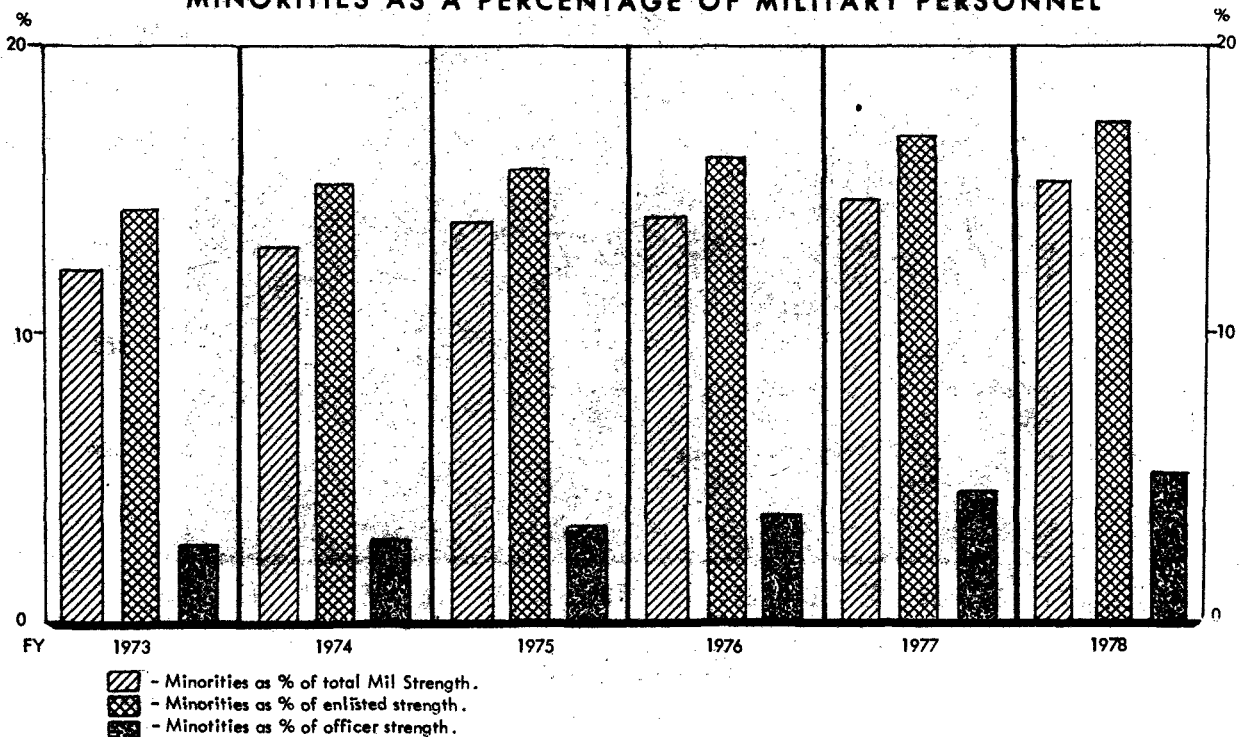
## MILITARY PERSONNEL MINORITIES BY GRADE

(End of Fiscal Year)

	1973		1974		1975		1976		1977		1978	
	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other
<b>Officers - Total</b>	2,248	682	2,468	678	2,670	718	2,757	748	3,116	1,095	3,461	1,309
General	2	-	3	-	5	1	5	1	7	1	8	1
Colonel	56	18	75	22	76	26	82	27	81	39	76	41
Lt Colonel	205	75	197	78	178	66	178	78	181	106	194	126
Major	367	138	388	119	366	155	394	183	449	260	462	351
Captain	983	305	913	282	911	283	914	284	1,112	405	1,324	466
1st Lieutenant	302	74	267	59	461	86	628	108	670	124	597	127
2nd Lieutenant	332	71	624	117	672	101	556	103	616	160	800	197
Warrant Officer	1	1	1	1	1	0	0	0	0	0	0	0
<b>Enlisted - Total</b>	76,616	4,971	75,226	5,168	72,530	5,481	70,772	6,532	68,772	9,763	69,954	11,333
CMSgt (E-9)	225	26	256	22	283	23	325	26	346	33	386	39
SMSgt (E-8)	663	59	701	60	768	51	803	45	917	68	992	81
MSgt (E-7)	3,377	208	3,477	202	3,622	225	3,653	239	3,921	343	4,220	405
TSgt (E-6)	9,164	460	9,077	456	8,178	426	8,121	434	7,859	612	7,688	686
SSgt (E-5)	17,856	930	16,410	889	14,677	902	13,977	915	15,077	1,503	16,513	1,964
Sgt (E-4)	20,532	1,464	20,319	1,509	20,320	1,643	21,093	1,810	21,727	2,564	19,603	2,824
Ann 1st (E-3)	12,085	905	13,502	1,158	15,475	1,445	15,429	1,485	11,295	2,437	11,642	3,239
Ann (E-2)	8,226	602	6,803	506	6,428	514	5,218	950	3,933	1,105	4,449	1,076
Ann Basic (E-1)	4,488	317	4,681	366	2,779	252	2,153	628	3,697	1,098	4,461	1,019
<b>Total</b>	78,864	5,653	77,694	5,846	75,200	6,199	73,529	7,280	71,888	10,858	73,415	12,642
% of Total Force	11.4	.8	12.1	.9	12.9	1.0	12.7	1.3	12.7	1.9	13.0	2.2
Officers (% of Total Off)	2.0	.6	2.2	.6	2.7	.7	2.8	.8	3.3	1.1	3.6	1.4
Enlisted (% of Total Enl)	13.4	.9	14.2	1.0	14.7	1.1	14.7	1.4	14.7	2.1	14.9	2.4

Source: AF/MPXH

## MINORITIES AS A PERCENTAGE OF MILITARY PERSONNEL



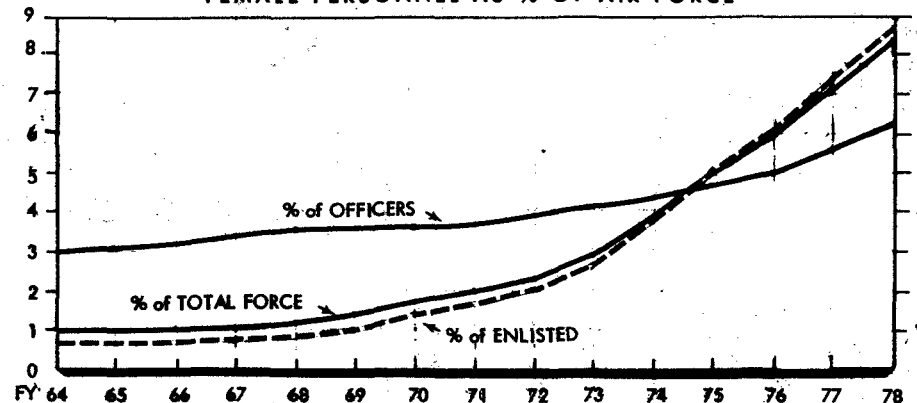
## MILITARY PERSONNEL FEMALE PERSONNEL, BY GRADE

(As of End Fiscal Year)

	FY 1964	1965	1966	1967 <sup>1</sup>	1968 <sup>1</sup>	1969 <sup>1</sup>	1970	1971	1972	1973	1974	1975	1976	1977	1978
<b>Female Officers - Total</b>	4,031	4,100	4,189	4,670	4,991	4,858	4,667	4,718	4,766	4,727	4,767	4,981	4,965	5,381	6,008
Generals	-	-	-	-	-	-	-	-	1	2	1	1	2	3	2
Colonels	7	7	7	10	16	21	26	25	53	67	73	60	54	50	50
Lt Colonels	139	129	167	171	235	282	329	335	296	258	268	291	278	294	309
Majors	441	535	601	796	779	747	807	860	798	798	752	694	634	730	719
Captains	1,534	1,435	1,371	1,512	1,700	1,973	1,811	1,864	1,856	1,774	1,579	1,604	1,774	1,864	2,246
1st Lieutenants	1,334	1,408	1,436	1,385	1,370	1,012	1,019	953	1,052	1,251	1,137	1,242	1,311	1,544	1,397
2nd Lieutenants	574	585	607	796	891	823	675	681	710	577	957	1,089	912	896	1,285
Warrant Officers	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Enlisted Females - Total</b>	4,845	4,741	5,050	5,188	6,123	7,407	8,987	10,132	11,725	15,023	19,465	25,232	29,235	34,877	41,084
CMSgt(E-9)	9	7	7	5	6	6	6	7	11	9	12	14	12	9	11
SMSgt(E-8)	27	19	17	17	27	31	31	32	28	31	33	32	30	26	30
MSgt(E-7)	151	112	119	121	127	152	149	135	136	108	98	82	79	96	92
TSgt(E-6)	243	208	219	241	248	266	257	234	207	190	171	176	183	203	252
SSgt(E-5)	489	458	476	473	496	601	609	806	919	1,001	1,216	1,256	1,389	2,247	3,445
Sgt(E-4)	664	565	781	1,209	1,170	1,227	1,912	2,233	3,607	4,304	4,879	5,524	8,422	11,109	12,524
Amn 1st(E-3)	1,171	1,256	1,804	1,143	2,294	2,809	3,329	4,033	4,116	3,961	6,758	10,155	11,278	12,174	13,149
Amn 2nd(E-2)	1,810	1,879	1,335	1,776	1,362	1,774	2,080	2,039	2,054	2,877	3,932	4,944	5,367	4,745	6,079
Amn Basic(E-1)	281	237	292	203	393	541	614	613	647	2,542	2,371	3,049	2,475	3,999	5,129
Air Force Academy Cadets	-	-	-	-	-	-	-	-	-	-	-	-	157	267	373
<b>Total Females</b>	8,876	8,841	9,239	9,858	11,114	12,265	13,654	14,850	16,491	19,750	24,232	30,213	34,357	40,258	47,092
% of total force	1.0	1.0	1.0	1.0	1.2	1.4	1.7	2.0	2.3	2.9	3.8	4.9	5.9	7.1	8.3
Officers(% of total officers)	3.0	3.1	3.2	3.4 <sup>*</sup>	3.6	3.6	3.6	3.7	3.9	4.1	4.3	4.7	5.0	5.6	6.3
Enlisted(% of total enlisted)	.7	.7	.7	.7	.8	1.0	1.4	1.6	2.0	2.6	3.7	5.0	6.1	7.4	8.7

<sup>1</sup>Includes mobilized personnel

FEMALE PERSONNEL AS % OF AIR FORCE



Source: USAF Statistical Digest AF/MP

## MILITARY PERSONNEL AIRMEN ENLISTMENTS AND REENLISTMENTS

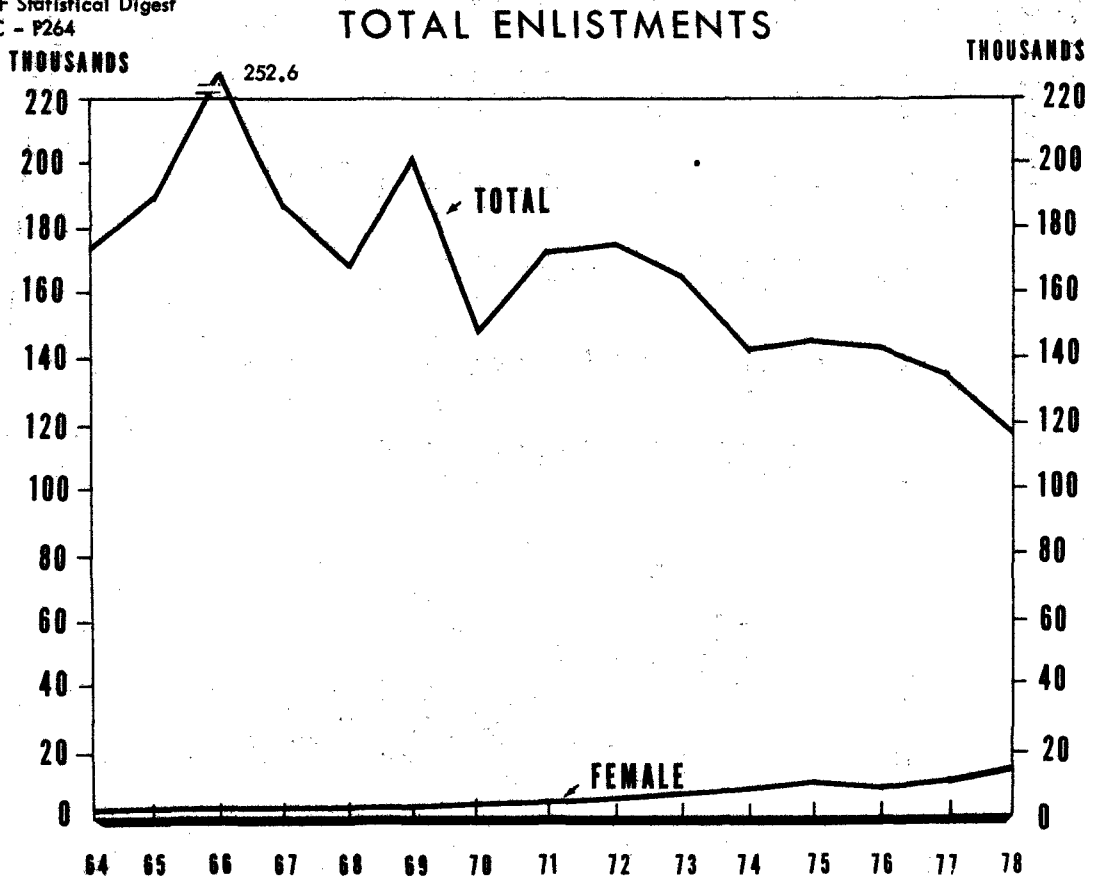
(Thousands)

	FY	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<b>TOTAL</b>		191.6	252.6	186.1	167.4	205.3	148.1	173.7	175.7	165.4	143.8	146.1	141.4	134.1	119.6
Male		189.1	250.1	183.7	164.0	200.8	143.1	168.7	170.1	157.8	134.1	134.7	130.9	121.7	104.3
Female		2.5	2.5	2.4	3.4	4.5	4.9	5.0	5.6	7.5	9.8	11.4	10.5	12.4	15.3
<b>Non Prior Service</b>		88.8	161.6	111.4	90.5	116.8	72.9	96.2	86.0	93.9	73.5	75.6	73.0	72.5	68.0
Male		81.8	159.6	109.4	87.6	113.0	68.5	91.9	81.5	87.7	65.5	65.5	64.1	62.6	55.3
Female		2.0	2.0	2.0	2.9	3.8	4.4	4.3	4.5	6.2	8.0	10.0	8.9	9.9	12.7
<b>OTS</b>		2.9	2.3	7.1	5.3	5.0	4.5	3.9	3.0	2.7	1.6	.5	.2	.4	1.1
Male		2.8	2.2	6.9	5.0	4.7	4.3	3.6	2.8	2.4	1.3	.4	.2	.3	.8
Female		.1	.1	.2	.3	.3	.2	.3	.2	.3	.3	.1	*	.1	.3
<b>Prior Service</b>		2.2	5.9	5.1	4.5	1.0	.9	5.8	8.4	7.1	2.7	2.5	1.5	1.4	1.3
Male		2.2	5.9	5.1	4.5	1.0	.9	5.8	8.3	6.9	2.6	2.4	1.5	1.4	1.2
Female		*	*	*	*	*	*	*	.1	.2	.1	.1	*	*	.1
<b>Immediate Reenlistment</b>		102.7	82.7	62.4	67.1	82.4	69.8	67.8	78.3	61.7	66.0	67.5	66.7	59.8	49.2
Male		102.3	82.4	62.2	66.9	82.1	69.4	67.4	77.6	60.8	64.7	66.3	65.1	57.4	47.0
Female		.4	.3	.2	.2	.3	.3	.4	.7	.9	1.3	1.2	1.6	2.4	2.2
<b>First Term Reenlistment Rate</b>															
Rate (%)		25.5	18.9	16.8	18.1	15.2	15.8	20.3	32.6	20.4	31.1	40.1	37.3	39.0	41.1

\*Less than .50.

NOTE: Numbers may not add due to rounding.

Sources: USAF Statistical Digest  
PMC - P264



## MILITARY PAY AND ALLOWANCES

### AIR FORCE - DOD AVERAGE

FY 1979

Grade	AF	DOD	AF	DOD	AF	DOD	AF	DOD	AF	DOD
	Basic Pay	Average Basic Pay	Basic Allowance for Quarters	Average	Miscellaneous Expense	Average	Incentive and Special Pay	Average	Annual Composite	Average Standard Rate
O-10	\$47,498	\$47,499	\$ -	\$ -	\$6,470	\$6,568	\$ -	\$ 77	\$53,968	\$54,105
O-9	47,498	47,499	760	1,187	4,108	4,430	272	484	52,638	53,303
O-8	44,248	44,248	1,205	1,874	3,655	4,106	626	790	49,734	51,017
O-7	36,473	38,474	1,398	2,098	3,257	3,248	1,233	1,022	44,361	44,840
O-6	32,029	32,211	2,770	2,942	3,337	3,312	2,251	1,897	40,387	40,362
O-5	26,168	26,171	3,206	3,117	2,861	2,767	2,040	1,671	34,275	33,725
O-4	21,505	21,412	2,785	2,634	2,447	2,502	1,671	1,550	28,408	28,097
O-3	17,691	17,681	2,407	2,347	2,629	2,624	1,614	1,264	24,341	23,915
O-2	13,550	13,826	1,650	1,636	1,825	2,192	571	550	17,596	18,203
O-1	9,982	10,141	1,173	1,042	1,426	1,780	359	380	12,940	13,343
W-4	21,330	20,359	1,344	2,071	6,034	3,652	-	217	28,708	26,245
E-9	17,394	17,009	1,871	2,218	3,282	3,010	103	139	22,650	22,375
E-8	14,485	14,062	1,601	1,926	3,020	2,720	116	158	19,222	18,866
E-7	12,209	11,778	1,440	1,683	2,680	2,473	104	155	16,433	16,088
E-6	10,244	9,620	1,341	1,483	2,432	2,306	89	146	14,106	13,555
E-5	8,328	7,782	1,200	1,230	2,153	2,143	68	132	11,749	11,287
E-4	7,071	6,661	1,040	873	2,039	2,004	47	117	10,197	9,655
E-3	6,048	5,961	690	538	1,744	1,832	28	52	8,510	8,383
E-2	5,609	5,544	475	338	1,666	1,771	23	43	7,773	7,696
E-1	5,033	4,954	304	259	1,598	1,649	16	33	6,951	6,895
Cadets	4,212	4,212	-	-	1,323	1,325	-	-	5,535	5,537

Source: DOD 7220.9H

## AVERAGE ANNUAL PAY RATES

	FY 1964	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
OFFICERS	\$10,251	\$11,267	\$11,732	\$12,010	\$12,841	\$14,567	\$15,232	\$16,522	\$17,922	\$18,991	\$20,218	\$21,457	\$22,806	\$24,267	\$25,360
ENLISTED	3,753	4,323	4,554	4,753	5,220	5,905	6,546	7,320	8,065	8,634	9,119	9,442	9,786	10,337	10,906
CIVILIANS	7,267	*	*	8,978	9,528	10,659	11,439	12,255	11,999	12,739	14,047	16,304	17,725	19,080	20,153

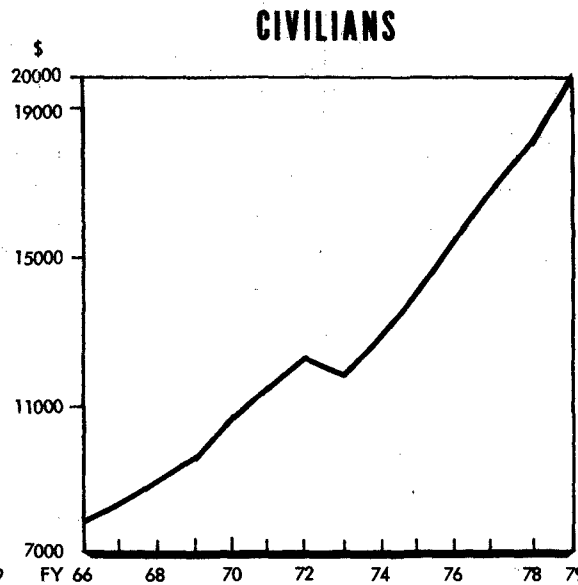
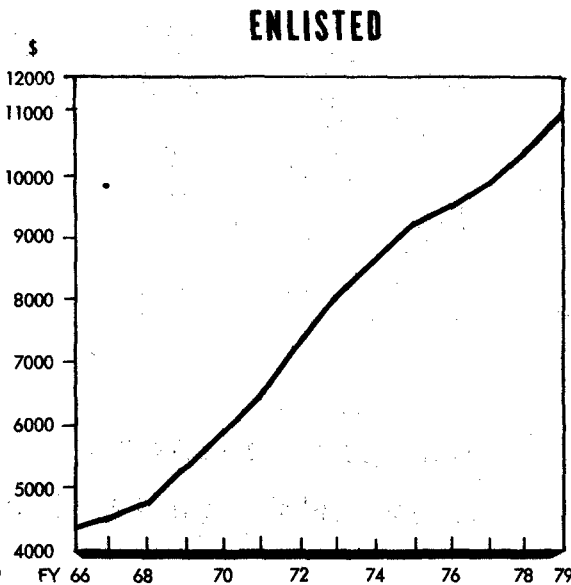
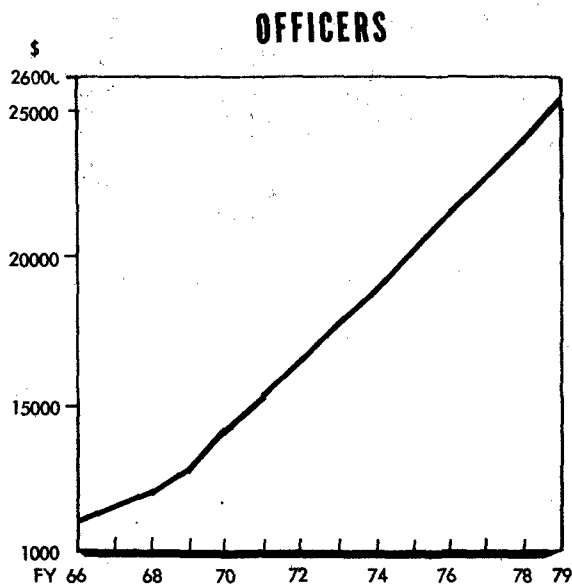
FY 64 - 79 Increase  
 Officers +147%  
 Enlisted +191%  
 Civilian +177%

NOTE: Includes the following pay factors:

Military: Base pay; incentive, special and foreign duty pay; BAQ and subsistence; overseas station allowance; initial clothing allowance; family separation allowance; employers FICA contribution; etc.

Civilian: Base pay; overtime pay; holiday pay; night differentials, COLA; government cost for employee benefits; FICA as applicable; employer retirement contribution; etc.

\* Not available.



**PAY AND ALLOWANCES OF THE UNIFORMED SERVICES**  
**MONTHLY BASIC PAY AS OF 1 OCTOBER 1978**  
**YEARS OF SERVICE**

PAY GRADE	UNDER 2	2	3	4	6	8	10	12	14	16	18	20	22	26
<b>COMMISSIONED OFFICERS</b>														
O-10	\$3,298.20	\$3,414.30	\$3,414.30	\$3,414.30	\$3,414.30	\$3,545.10	\$3,545.10	\$3,816.90	\$3,816.90	\$4,089.90*	\$4,089.90*	\$4,363.50*	\$4,363.50*	\$4,635.60*
O-9	2,923.20	3,000.00	3,063.60	3,063.60	3,063.60	3,141.90	3,141.90	3,272.10	3,272.10	3,545.10	3,545.10	3,816.90	3,816.90	4,089.90*
O-8	2,647.50	2,727.00	2,791.80	2,791.80	2,791.80	3,000.00	3,000.00	3,141.90	3,141.90	3,272.10	3,414.30	3,545.10	3,687.30	3,687.30
O-7	2,199.90	2,349.60	2,349.60	2,349.60	2,454.90	2,454.90	2,597.40	2,597.40	2,727.00	3,000.00	3,206.10	3,206.10	3,206.10	3,206.10
O-6	1,630.50	1,791.90	1,908.60	1,908.60	1,908.60	1,908.60	1,908.60	1,908.60	1,973.40	2,286.00	2,403.00	2,454.90	2,597.40	2,817.00
O-5	1,304.40	1,531.80	1,637.40	1,637.40	1,637.40	1,637.40	1,687.20	1,777.50	1,896.30	2,038.50	2,155.80	2,220.60	2,298.30	2,298.30
O-4	1,099.50	1,338.30	1,428.00	1,428.00	1,454.10	1,518.90	1,622.10	1,713.60	1,791.90	1,869.90	1,922.10	1,922.10	1,922.10	1,922.10
O-3	1,021.80	1,142.10	1,220.70	1,350.90	1,415.40	1,466.70	1,545.30	1,622.10	1,662.00	1,662.00	1,662.00	1,662.00	1,662.00	1,662.00
O-2	890.70	972.90	1,168.80	1,208.10	1,233.00	1,233.00	1,233.00	1,233.00	1,233.00	1,233.00	1,233.00	1,233.00	1,233.00	1,233.00
O-1	773.10	804.90	972.90	972.90	972.90	972.90	972.90	972.90	972.90	972.90	972.90	972.90	972.90	972.90
<b>COMMISSIONED OFFICERS WITH OVER 4 YEARS ACTIVE SERVICE AS ENLISTED MEMBERS</b>														
O-3	\$ 0.	\$ 0.	\$ 0.	\$1,350.90	\$1,415.40	\$1,466.70	\$1,545.30	\$1,622.10	\$1,687.20	\$1,687.20	\$1,687.20	\$1,687.20	\$1,687.20	\$1,687.20
O-2	0.	0.	0.	1,208.10	1,233.00	1,272.30	1,338.30	1,389.90	1,428.00	1,428.00	1,428.00	1,428.00	1,428.00	1,428.00
O-1	0.	0.	0.	972.90	1,039.20	1,077.60	1,116.60	1,155.60	1,208.10	1,208.10	1,208.10	1,208.10	1,208.10	1,208.10
<b>WARRANT OFFICERS</b>														
W-4	\$1,040.70	\$1,116.60	\$1,116.60	\$1,142.10	\$1,194.30	\$1,246.80	\$1,299.00	\$1,389.90	\$1,454.10	\$1,505.70	\$1,545.30	\$1,596.00	\$1,649.40	\$1,777.50
W-3	946.20	1,026.30	1,026.30	1,039.20	1,015.50	1,128.30	1,194.30	1,233.00	1,272.30	1,310.40	1,350.90	1,403.10	1,454.10	1,505.70
W-2	828.60	896.10	896.10	922.20	972.90	1,026.30	1,065.00	1,104.00	1,142.10	1,182.00	1,220.70	1,259.40	1,310.40	1,310.40
W-1	690.30	791.70	791.70	857.40	896.10	934.80	972.90	1,013.10	1,051.50	1,090.20	1,128.30	1,168.80	1,168.80	1,168.80
<b>ENLISTED MEMBERS</b>														
E-9	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$1,182.30	\$1,209.30	\$1,236.90	\$1,265.40	\$1,293.30	\$1,318.50	\$1,388.10	\$1,522.80
E-8	0.	0.	0.	0.	0.	992.10	1,019.70	1,047.00	1,074.60	1,102.50	1,128.00	1,155.90	1,223.70	1,360.20
E-7	692.70	747.60	775.50	802.20	830.10	856.20	883.50	911.10	952.20	979.20	1,006.80	1,019.70	1,088.40	1,223.70
E-6	598.20	652.20	679.50	708.00	734.40	761.40	789.30	830.10	856.20	883.50	897.00	897.00	897.00	897.00
E-5	525.30	571.50	599.40	625.50	666.30	693.60	721.20	747.60	761.40	761.40	761.40	761.40	761.40	761.40
E-4	504.90	533.10	564.30	608.40	632.40	632.40	632.40	632.40	632.40	632.40	632.40	632.40	632.40	632.40
E-3	485.40	512.10	532.80	553.80	553.80	553.80	553.80	553.80	553.80	553.80	553.80	553.80	553.80	553.80
E-2	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40	467.40
E-1	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40	419.40

While serving as Chairman of the Joint Chiefs of Staff, Chief of Staff of the Army, Chief of Naval Operations, Chief of Staff of the Air Force, or Commandant of the Marine Corps, basic pay for this grade is \$5,114.70 regardless of cumulative years of service (See \* below).

Highest Enlisted Rank. While serving as Sergeant Major of the Army, Master Chief Petty Officer of the Navy, Chief Master Sergeant of the Air Force, or Sergeant Major of the Marine Corps, basic pay for this grade is \$1,851.00 regardless of cumulative years of service.

\*Basic pay is limited to \$3,958.20 by Level V of the Executive Schedule.

OASD(MRA&L)MPP Compensation 1 October 1978

## PAY AND ALLOWANCES OF THE UNIFORMED SERVICES (CONT'D)

### MONTHLY BASIC ALLOWANCE FOR QUARTERS RATES

<u>Pay Grade</u>	<u>Without Dependents</u>		<u>With Dependents</u>
	<u>Full Rate</u> <sup>1</sup>	<u>Partial Rate</u> <sup>2</sup>	
Commissioned Officers			
O-10	\$357.90	\$50.70	\$447.60
O-9	357.90	50.70	447.60
O-8	357.90	50.70	447.60
O-7	357.90	50.70	447.60
O-6	321.30	39.60	391.80
O-5	296.10	33.00	356.70
O-4	263.70	26.70	318.30
O-3	231.90	22.20	286.20
O-2	201.30	17.70	254.70
O-1	156.90	13.20	204.60
Warrant Officers			
W-4	\$254.10	\$25.20	\$306.60
W-3	226.50	20.70	279.30
W-2	197.10	15.90	250.50
W-1	177.90	13.80	230.40
Enlisted Members			
E-9	\$191.70	\$18.60	\$269.70
E-8	176.70	15.30	249.30
E-7	150.30	12.00	231.90
E-6	136.50	9.90	213.30
E-5	131.10	8.70	195.90
E-4	115.80	8.10	172.50
E-3	108.50	7.80	150.30
E-2	91.50	7.20	150.30
E-1	86.40	6.90	150.30

<sup>1</sup> Payment of the full rate of basic allowance for quarters at these rates for members of the uniformed services to personnel without dependents is authorized by 37 United States Code 403 and Part IV of Executive Order 11157, as amended.

<sup>2</sup> Payment of the partial rate of basic allowance for quarters at these rates to members of the uniformed services without dependents who, under 37 United States Code 403(b) or 403(c), are not entitled to the full rate of basic allowance for quarters, is authorized by 37 United States Code 1009(d) and Part IV of Executive Order 11157, as amended.

### BASIC ALLOWANCE FOR SUBSISTENCE RATES

Officers:	\$62.80 per month
Enlisted Members:	
When on leave or authorized to mess separately:	\$ 3.00 per day
When rations in-kind are not available:	\$ 3.38 per day
When assigned to duty under emergency conditions where no messing facilities of the United States are available:	\$ 4.48 per day

# MILITARY BASIC PAY TREND AND CURRENT FLIGHT PAY

Pay Grade	Years Service	Aug 64	1 Jan 72	1 Oct 78	Current Crew Member Flight Pay	% Increase Aug 64-Oct 78
E-1	0-2	78.00	288.00	419.40	50.00	438
E-2	0-2	85.80	320.70	467.40	50.00	445
E-3	0-2	99.37	333.60	485.40	55.00	388
E-4	2-3	180.00	366.00	533.10	65.00	196
E-5	4-6	230.00	429.30	625.50	80.00	172
E-6	14-16	315.00	587.70	856.20	100.00	172
E-7	18-20	370.00	690.60	1,006.80	105.00	172
E-8	20-22	425.00	793.50	1,155.90	105.00	172
E-9	22-26	510.00	952.80	1,388.10	105.00	172
W-1	10-12	375.00	667.80	972.90		159
W-2	16-18	455.00	811.20	1,182.00		160
W-3	20-22	540.00	962.70	1,403.10		160
W-4	26-30	685.00	1,219.80	1,777.50		159
O-1	0-2	222.30	530.70	773.10		248
O-2	2-3	376.00	802.20	972.90		159
O-3	6-8	545.00	971.40	1,415.40		160
O-4	14-16	690.00	1,230.00	1,791.90		160
O-5	20-22	855.00	1,523.70	2,220.60		160
O-6	26-30	1,085.00	1,933.20	2,817.00		160
O-7	26-30	1,235.00	2,200.50	3,206.10		160
O-8	26-30	1,420.00	2,531.10	3,687.30		160
O-9	26-30	1,575.00	2,807.10	3,958.20*		151
				(4,089.90)		
O-10	26-30	1,785.00	3,000.00	3,958.20*		122
				(4,635.60)		

\*Basic pay is limited to \$3,958.20 by level V of the Executive Schedule.

**MONTHLY INCENTIVE PAY RATES - RATED OFFICERS, FLIGHT SURGEONS AND OTHER DESIGNATED MEDICAL OFFICERS<sup>2</sup>**

**PHASE I**

Monthly Rate	Years of Aviation Service (Including Flight Training) as an Officer
\$100.	2 or less.
\$125.	Over 2.
\$150.	Over 3.
\$165.	Over 4.
\$245.	Over 6.

**PHASE II**

Monthly Rate	Years of Service as an Officer as Computed under 37 U.S.C. 205
\$225.	Over 18.
\$205.	Over 20.
\$185.	Over 22.
\$165.	Over 24.
\$000.	Over 25.

**MONTHLY INCENTIVE PAY RATES-RATED OR DESIGNATED WARRANT OFFICERS**

Monthly Rate	Years of aviation service as an officer
\$100.	2 or less.
\$110.	Over 2.
\$200.	Over 6.

**NON-CREW MEMBER FLYING PAY**

Officer	Mo. Rate
Enlisted non-crew member	\$110
	55

- <sup>2</sup>a. A rated officer in pay grade 0-7 may not be paid incentive pay at a rate greater than \$160. per month.
- b. A rated officer in pay grade 0-8 or above may not be paid incentive pay at a rate greater than \$165. per month.
- c. Officer with more than 18 years of officer service and less than 6 years aviation service are entitled to Phase I rates.

## CIVILIAN PAY SCHEDULE GENERAL SCHEDULE EMPLOYEES

1 OCT 78 Pay Rates

	1	2	3	4	5	6	7	8	9	10	Amount of Step Increase
GS-1	\$ 6,561	\$ 6,780	\$ 6,999	\$ 7,218	\$ 7,437	\$ 7,656	\$ 7,875	\$ 8,094	\$ 8,313	\$ 8,532	\$ 219
2	7,422	7,669	7,916	8,163	8,410	8,657	8,904	9,151	9,398	9,645	247
3	8,366	8,645	8,924	9,203	9,482	9,761	10,040	10,319	10,598	10,877	279
4	9,391	9,704	10,017	10,330	10,643	10,956	11,269	11,582	11,895	12,208	313
5	10,507	10,857	11,207	11,557	11,907	12,257	12,607	12,957	13,307	13,657	350
6	11,712	12,102	12,492	12,882	13,272	13,662	14,052	14,442	14,832	15,222	390
7	13,014	13,448	13,882	14,316	14,750	15,184	15,618	16,052	16,486	16,920	434
8	14,414	14,894	15,374	15,854	16,334	16,814	17,294	17,774	18,254	18,734	480
9	15,920	16,451	16,982	17,513	18,044	18,575	19,106	19,637	20,168	20,699	531
10	17,532	18,116	18,700	19,284	19,868	20,452	21,036	21,620	22,204	22,788	584
11	19,263	19,905	20,547	21,189	21,831	22,473	23,115	23,757	24,399	25,041	642
12	23,087	23,857	24,627	25,397	26,167	26,937	27,707	28,477	29,247	30,017	770
13	27,453	28,368	29,283	30,198	31,113	32,028	32,943	33,858	34,773	35,688	915
14	32,442	33,523	34,604	35,685	36,766	37,847	38,928	40,009	41,090	42,171	1,081
15	38,160	39,432	40,704	41,976	43,248	44,520	45,792	47,064	48,336*	49,608*	1,272
16	44,756	46,248	47,740*	49,232*	50,724*	52,216*	53,708*	55,200*	56,692*		
17	52,429*	54,177*	55,925*	57,673*	59,421*						
18	61,449*										

\* Basic pay is limited by Section 5308 of Title 5 of the United States Code to the rate for level V of the Executive Schedule. In addition, pursuant to Section 304 of the Legislative Branch Appropriation Act, 1979, funds are not available to pay a salary in this schedule at a rate which exceeds the rate for level V of the Executive Schedule in effect on September 30, 1978, which is \$47,500.

## CONSOLIDATED SCHEDULE OF PERMANENT AF POSITIONS

GRADES AND RANGES	1978 ACTUAL	1979 ESTIMATE	1980 ESTIMATE
Executive Level II	1	1	1
Executive level IV	4	4	4
Executive level V	1	1*	1*
Subtotal	<u>6</u>	<u>6</u>	<u>6</u>
GS-18	7	7*	7*
GS-17	23	23*	23*
GS-16	103	103*	103*
GS-15	923	890	890
GS-14	2,941	2,880	2,880
GS-13	8,501	8,667	8,561
GS-12	13,863	13,801	13,709
GS-11	15,254	15,003	14,911
GS-10	1,392	1,386	1,303
GS-9	17,146	17,077	16,561
GS-8	3,822	3,807	3,765
GS-7	12,865	12,813	12,798
GS-6	8,815	8,790	8,775
GS-5	21,260	21,203	21,195
GS-4	16,966	16,960	16,948
GS-3	10,466	10,462	10,444
GS-2	2,052	2,050	2,048
GS-1	194	193	192
Subtotal	<u>136,593</u>	<u>136,115</u>	<u>135,113</u>
Positions established by the Secretary of Defense (10 U.S.C. 1581):			
Scientific and Professional	137	118*	118*
Ungraded	97,182	94,693	88,802
Total permanent positions	233,918	230,932	224,039
Unfilled positions, end of year	-364	-2,599	-1,916
Total permanent employment, end of year	233,554	228,333	222,123
*Effective July 1979, will be incorporated into Senior Executive Service positions. After that date, the Air Force will no longer have Executive Level V, GS 16-18 and 10 U.S.C. 1581 positions. The Air Force SES will have 252 positions.			

## AIR FORCE MILITARY RETIREMENT PROGRAM (END OF FISCAL YEAR)

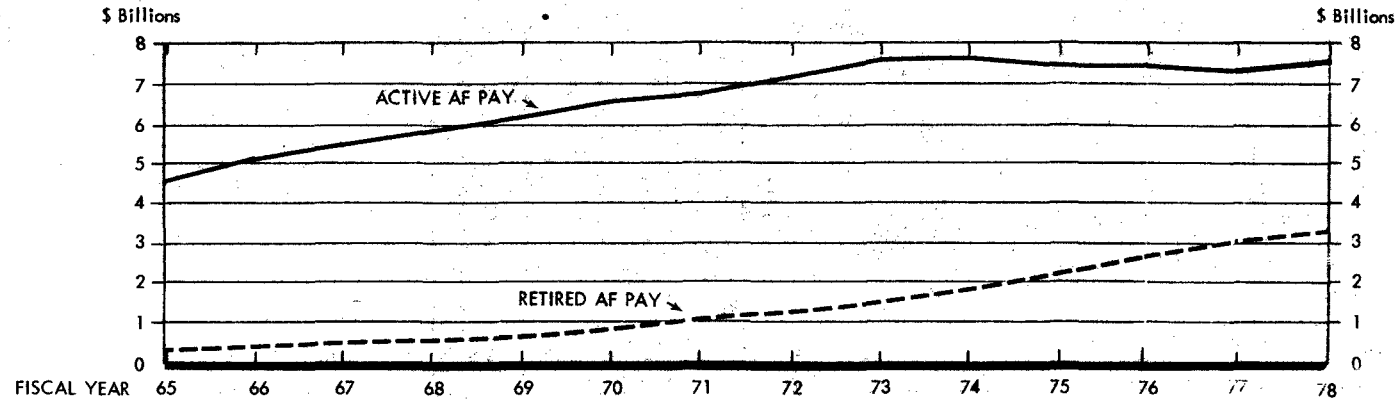
### TOTAL ON RETIRED ROLLS (CUMULATIVE)<sup>1</sup>

	(IN THOUSANDS)													
	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	114.3	134.0	155.9	180.0	201.5	226.7	253.6	283.4	313.0	340.8	370.4	392.4	418.5	435.1
Officer %	( 42.3) 37.0	( 48.2) 36.0	( 53.9) 34.6	( 59.7) 33.2	( 64.9) 32.2	( 73.1) 32.2	( 80.2) 31.6	( 85.5) 30.2	( 90.9) 29.0	( 95.7) 28.1	( 100.3) 27.1	( 105.1) 26.8	( 111.2) 26.6	( 116.0) 26.6
Enlisted %	( 71.1) 62.2	( 84.8) 63.3	(100.8) 64.6	(118.8) 66.0	(134.9) 66.9	(151.5) 66.8	( 171.1) 67.5	( 195.3) 68.9	( 219.2) 70.0	( 240.3) 70.5	( 263.4) 71.1	( 279.1) 71.1	( 297.0) 70.9	( 307.1) 70.6
Survivor Benefits %	( .9) .8	( 1.0) .7	( 1.2) .8	( 1.5) .8	( 1.7) .8	( 2.0) .9	( 2.3) .9	( 2.6) .9	( 2.9) .9	( 4.8) 1.4	( 6.7) 1.8	( 8.2) 2.1	( 10.3) 2.5	( 12.0) 2.8

### TOTAL PAYROLL COST (ANNUAL)

	(DOLLARS IN MILLIONS)													
	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	324.8	403.2	492.9	590.9	717.2	872.2	1,086.0	1,291.3	1,507.1	1,805.8	2,240.4	2,653.9	3,014.2	3,380.0
Officer %	(185.4) 57.1	(229.9) 57.0	(280.0) 56.8	(321.7) 54.4	(381.9) 53.2	(462.0) 52.9	( 578.3) 53.3	( 662.7) 51.3	( 747.8) 50.0	( 868.0) 48.1	(1,041.3) 46.5	(1,214.4) 45.8	(1,364.3) 45.3	(1,521.8) 45.0
Enlisted %	(138.2) 42.5	(171.8) 42.6	(211.1) 42.8	(267.1) 45.2	(332.7) 46.4	(407.1) 46.7	( 503.9) 46.4	( 624.2) 48.3	( 753.7) 50.0	( 928.9) 51.4	(1,184.6) 52.9	(1,419.9) 53.5	(1,623.4) 53.8	(1,824.5) 54.0
Survivor Benefits %	( 1.2) .4	( 1.5) .4	( 1.8) .4	( 2.1) .4	( 2.6) .4	( 3.1) .4	( 3.7) .3	( 4.4) .4	( 5.6) .4	( 8.9) .5	( 14.5) .6	( 19.6) .7	( 26.5) .9	( 33.7) 1.0

<sup>1</sup> Depicts number on AF rolls only, i.e., excludes VA and disability retirements.

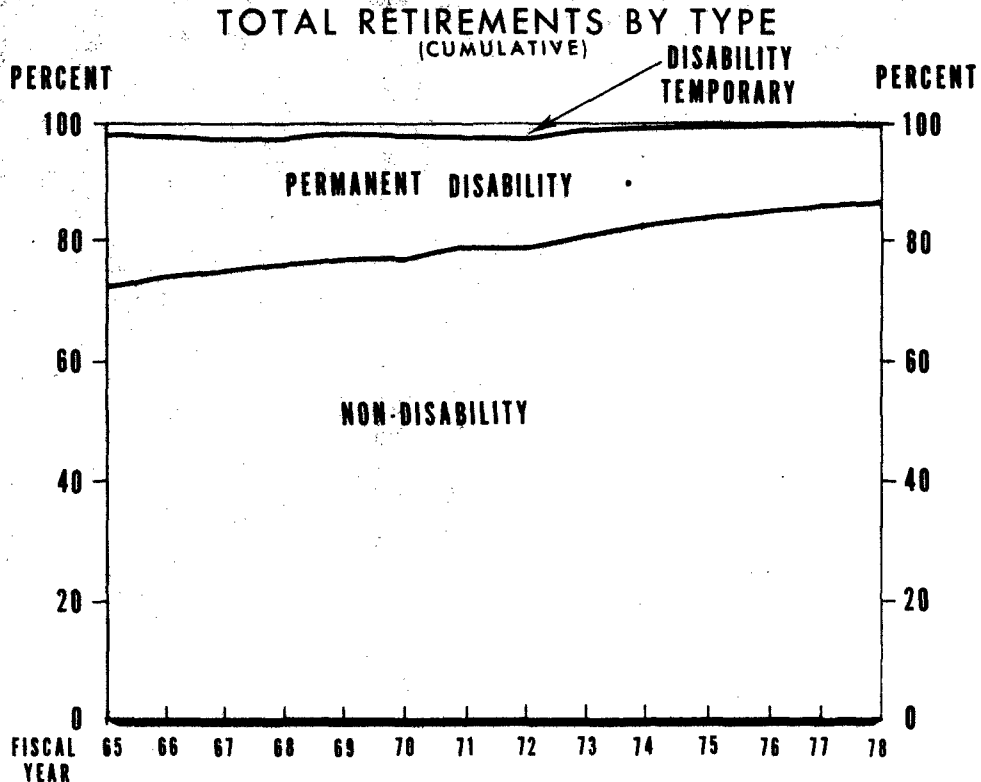


# USAF RETIRED MILITARY PERSONNEL RETIREMENTS BY TYPE (END OF FISCAL YEAR-CUMULATIVE)

(IN THOUSANDS)

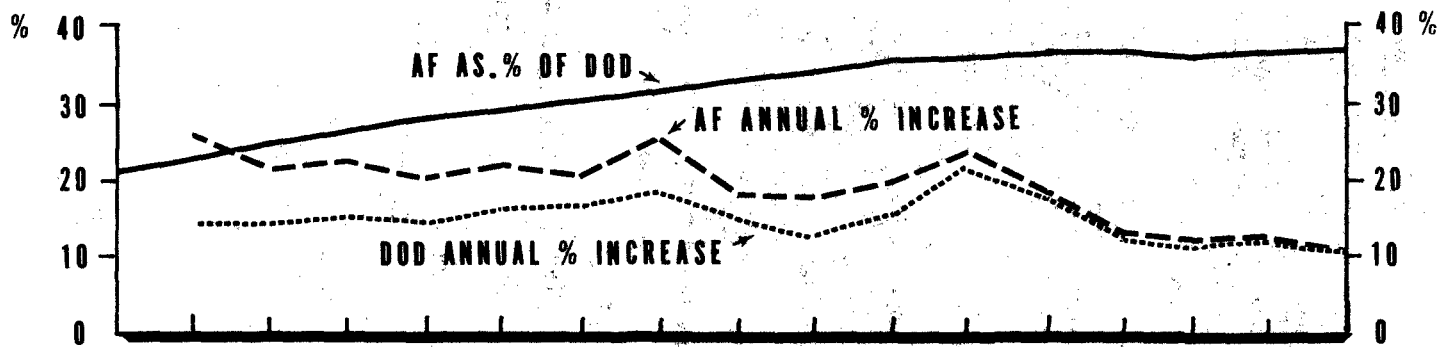
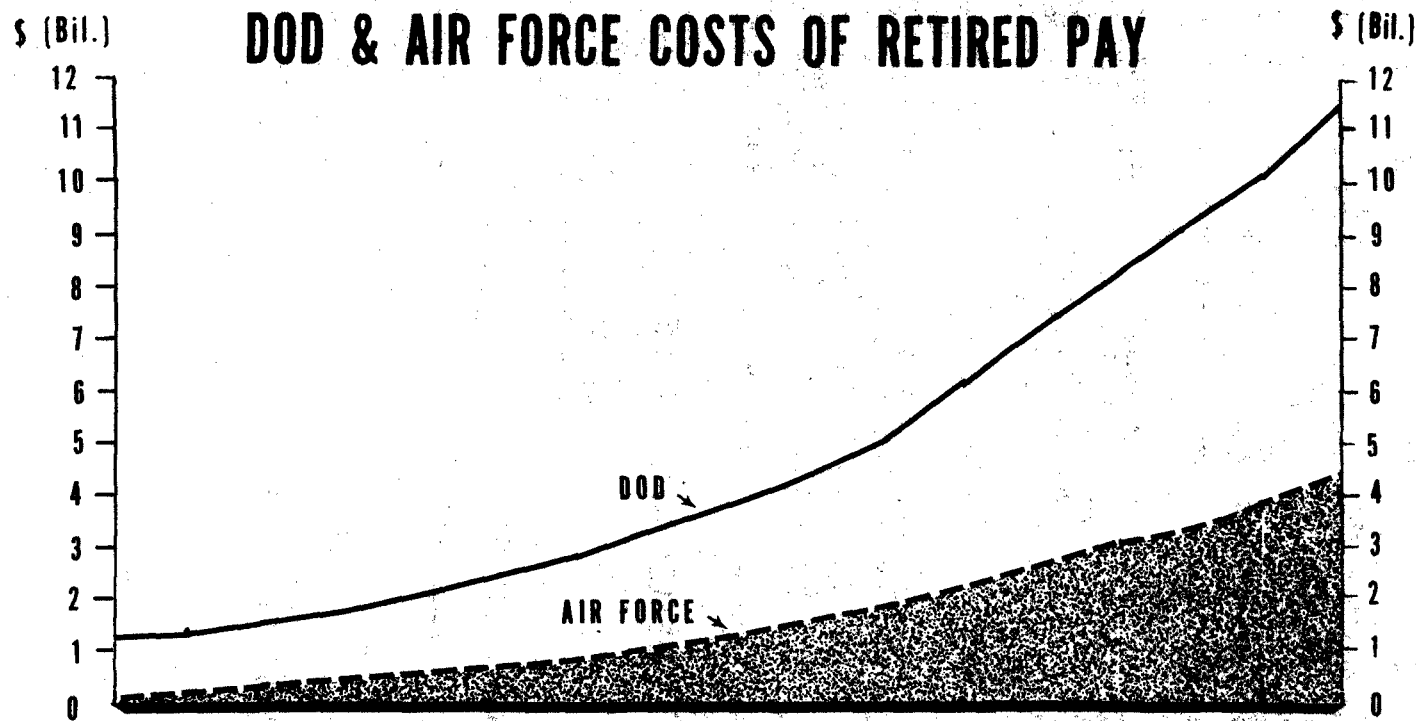
	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<b>OFFICER</b>														
Non-Disability %	29.0 (70.4)	35.0 (71.7)	40.0 (73.4)	46.4 (74.4)	48.7 (74.8)	51.0 (74.4)	62.3 (77.3)	60.9 (76.4)	72.1 (78.9)	77.3 (80.1)	82.2 (81.2)	87.1 (82.3)	93.7 (83.6)	100.4 (84.7)
Temporary Disability %	.4 (1.0)	.6 (1.2)	.4 (.6)	.5 (.8)	.5 (.7)	.6 (.9)	.7 (.8)	.6 (.7)	.6 (.7)	.5 (.5)	.4 (.4)	.4 (.4)	.4 (.3)	.3 (.3)
Permanent Disability %	11.8 (28.6)	13.2 (27.1)	14.2 (26.0)	15.5 (24.8)	15.9 (24.5)	17.0 (24.7)	17.6 (21.9)	18.2 (22.9)	18.7 (20.4)	18.7 (19.4)	18.6 (18.4)	18.3 (17.3)	18.0 (16.1)	17.8 (15.0)
<b>TOTAL</b>	41.1	48.8	54.5	62.4	65.1	68.6	80.6	79.7	91.4	96.5	101.2	105.8	112.1	118.5
<b>AIRMAN</b>														
Non-Disability %	57.3 (74.7)	71.2 (74.6)	82.0 (75.2)	102.4 (76.4)	110.1 (77.3)	126.6 (78.2)	144.9 (79.2)	165.9 (79.8)	189.5 (81.3)	210.7 (82.9)	234.8 (84.2)	250.9 (85.3)	269.7 (86.1)	287.0 (86.8)
Temporary Disability %	2.3 (3.0)	3.3 (3.5)	2.7 (2.5)	3.5 (2.6)	2.8 (2.0)	3.7 (2.3)	4.2 (2.3)	4.5 (2.2)	4.6 (2.0)	3.5 (1.4)	3.3 (1.2)	3.3 (1.1)	3.5 (1.1)	3.4 (1.0)
Permanent Disability %	17.1 (22.3)	20.9 (21.9)	24.3 (22.3)	28.1 (21.0)	29.5 (20.7)	31.5 (19.5)	33.9 (18.5)	37.5 (18.0)	39.0 (16.7)	39.8 (15.7)	40.6 (14.6)	40.1 (13.6)	40.0 (12.8)	40.2 (12.2)
<b>TOTAL</b>	76.7	95.4	109.0	133.9	142.4	161.8	183.0	207.9	233.1	254.0	278.7	294.3	313.2	330.6
<b>TOTAL</b>														
Total Non-Disability %	86.3 (73.2)	106.2 (73.7)	122.0 (74.6)	148.8 (75.8)	158.8 (76.5)	177.6 (77.1)	207.2 (78.6)	226.7 (78.8)	261.7 (80.6)	288.0 (82.2)	317.0 (83.4)	338.0 (84.5)	363.4 (85.5)	387.4 (86.3)
Total Temporary Disability %	2.7 (2.3)	3.8 (2.7)	3.1 (1.9)	4.0 (2.0)	3.2 (1.6)	4.3 (1.8)	4.9 (1.8)	5.1 (1.8)	5.2 (1.6)	4.0 (1.1)	3.7 (1.0)	3.7 (.9)	3.9 (.9)	3.7 (.8)
Total Permanent Disability %	28.9 (24.5)	34.1 (23.6)	38.4 (23.5)	43.6 (22.2)	45.5 (21.9)	48.5 (21.2)	51.5 (19.6)	55.7 (19.4)	57.6 (17.8)	58.5 (16.7)	59.2 (15.6)	58.4 (14.6)	58.0 (13.6)	58.0 (12.9)
<b>TOTAL MILITARY</b>	117.8	144.2	163.5	196.4	207.5	230.4	263.6	287.6	324.5	350.5	379.9	400.1	425.3	449.1

NOTE: Totals may not add due to rounding.



# DOD & AIR FORCE COSTS OF RETIRED PAY

PERS 28  
AF/ACBMC/53743



FISCAL YEAR	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
COST: DOD	1.21	1.39	1.59	1.83	2.09	2.44	2.85	3.39	3.89	4.39	5.14	6.24	7.33	8.23	9.17	10.32	11.45
AF	.26	.33	.40	.49	.59	.72	.87	1.09	1.29	1.51	1.81	2.24	2.65	3.01	3.38	3.81	4.24

Est

**ANNUAL USAF COURTS—MARTIAL AND ARTICLE 15 ACTIVITY**  
**FISCAL YEAR NUMBERS AND RATES PER THOUSAND**

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975*	1976	1977	1978
<b>OFFICER</b>															
SPCM	3	4	3	3	2	0	1	3	3	1	2	7	0	1	3
Rate	.02	.03	.02	.02	.01	.00	.01	.02	.02	.01	.02	.06	.00	.01	.03
GCM	13	23	14	14	18	10	6	8	9	8	6	6	4	7	5
Rate	.10	.17	.10	.10	.12	.07	.04	.06	.07	.06	.05	.05	.04	.07	.05
All Courts	16	27	17	17	20	10	7	11	12	9	8	13	4	8	8
Rate	.12	.20	.12	.12	.13	.07	.05	.08	.09	.07	.07	.12	.04	.08	.08
Art 15	356	272	268	280	216	219	183	171	170	167	170	129	145	134	153
Rate	2.7	2.0	2.0	2.1	1.5	1.5	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.3	1.6
<b>AIRMAN</b>															
SCM	4,468	2,136	1,238	954	896	757	466	313	232	119	106	75	60	25	25
Rate	6.0	3.0	1.7	1.2	1.1	1.0	0.6	0.5	0.4	0.2	0.2	0.1	0.1	0.05	0.05
SPCM	2,777	2,351	1,881	1,914	1,847	1,752	1,921	1,917	2,254	2,271	2,571	1,537	1,136	806	809
Rate	3.7	3.3	2.6	2.5	2.4	2.3	2.6	2.9	3.5	3.7	4.5	3.0	2.3	1.7	1.9
GCM	432	400	263	281	284	302	230	191	186	261	262	195	223	159	123
Rate	0.6	0.6	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.3	0.3
All Courts	7,677	4,887	3,382	3,139	3,027	2,811	2,617	2,421	2,672	2,651	2,939	1,807	1,419	909	1,038
Rate	10.3	6.8	4.7	4.0	3.9	3.7	3.6	3.7	4.2	4.3	5.2	3.5	2.9	2.1	2.2
Art 15	30,663	29,727	25,983	26,495	27,948	28,893	28,594	25,800	34,542	35,658	37,386	28,243	26,224	20,881	21,399
Rate	41.3	41.3	35.9	34.0	35.9	37.9	39.4	39.6	54.5	58.5	65.7	54.6	53.4	43.6	45.1
<b>TOTAL</b>															
SCM	4,468	2,136	1,238	954	896	757	466	313	232	119	106	75	60	25	25
Rate**	6.0	3.0	1.7	1.2	1.1	1.0	0.6	0.5	0.4	0.2	0.2	0.1	0.1	0.05	0.05
SPCM	2,780	2,355	1,884	1,917	1,849	1,752	1,922	1,920	2,257	2,272	2,573	1,544	1,136	807	893
Rate	3.2	2.7	2.2	2.1	1.9	1.9	2.2	2.4	2.9	3.1	3.7	2.5	1.9	1.4	1.6
GCM	445	423	277	295	302	312	236	199	195	269	268	201	227	116	128
Rate	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.2
All Courts	7,693	4,914	3,399	3,156	3,047	2,821	2,624	2,432	2,684	2,660	2,947	1,820	1,423	998	1,046
Rate	8.8	5.7	4.0	3.4	3.3	3.1	3.0	3.1	3.5	3.6	4.3	2.9	2.3	1.7	1.8
Art 15	31,019	29,999	26,251	26,775	28,164	29,112	28,777	25,971	34,712	35,825	37,556	28,372	26,368	21,015	21,552
Rate	35.3	35.0	30.6	29.1	30.3	31.8	33.0	33.0	45.3	48.5	54.6	45.2	43.3	36.1	37.5

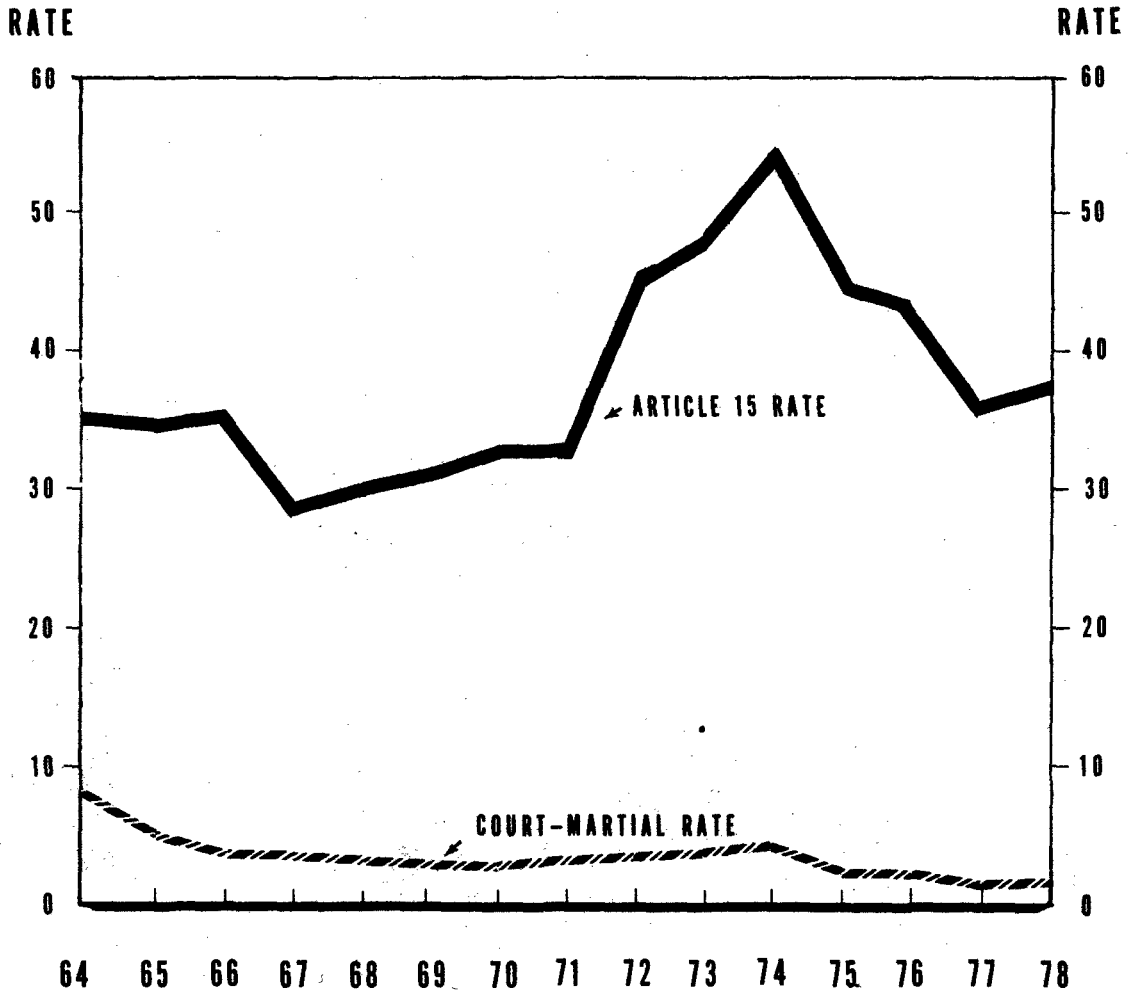
\* Drop off in Court-Martial and Art 15 Activity between FY 74 and FY 75 attributed largely to implementation of Marginal Performer Program (Spring 1974).

\*\* Rate figured on Airman strength only; Officers not subject to trial by SCM (Art 20, UCMJ)

LEGEND: SCM: Summary Court Martial  
 SPCM: Special Court Martial  
 GCM: General Court Martial

SOURCE: Automated Mil Jus Analysis & Mgmt Sys (AMJAMS)

### USAF COURT-MARTIAL AND ARTICLE 15 RATES (PER THOUSAND PERSONNEL)



## SUMMARY OF ACTIVE USAF INSTALLATIONS END FISCAL YEAR

	1964	1968	1970	1971	1972	1973	1974	1975	1976 <sup>1</sup>	1977	1978	1979
TOTAL ACTIVE INSTALLATIONS	<u>5,034</u>	<u>3,981</u>	<u>3,735</u>	<u>3,590</u>	<u>3,557</u>	<u>3,231</u>	<u>3,237</u>	<u>3,191</u>	<u>3,170</u>	<u>3,103</u>	<u>2,997</u>	<u>2,955</u>
TOTAL MAJOR ACTIVE	216	198	178	166	161	157	154	148	140	134	134	134
US	151	129	116	114	112	111	109	107	111	107	107	107
OVERSEAS	65	69	62	52	49	46	45	41	29	27	27	27
TOTAL OTHER ACTIVE	4,818	3,783	3,557	3,424	3,396	3,074	3,083	3,043	3,030	2,969	2,863	2,821
US	3,435	2,526	2,314	2,272	2,316	2,204	2,227	2,192	2,372	2,305	2,202	2,175
OVERSEAS	1,383	1,257	1,243	1,152	1,080	870	856	851	658	664	661	646

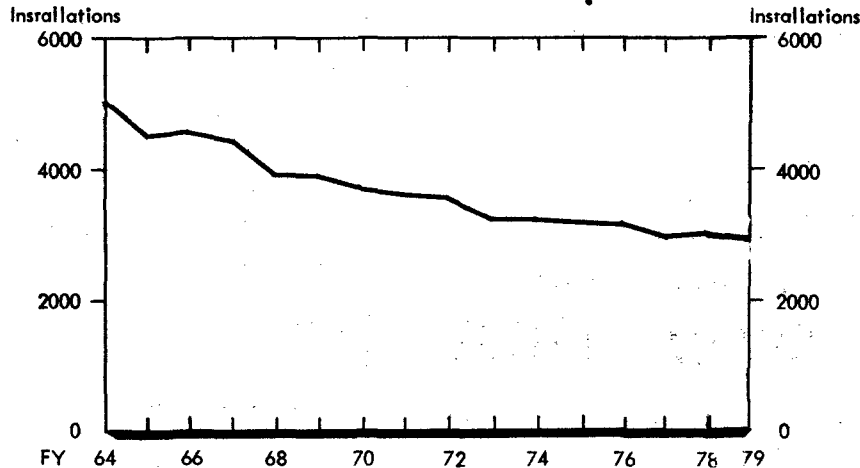
<sup>1</sup> Prior to 1976, "US" did not include Hawaii, Alaska and US possessions. Beginning in 1976, Hawaii, Alaska and US possessions are contained in "US"; only foreign bases are included under "Overseas".

**DEFINITIONS:**

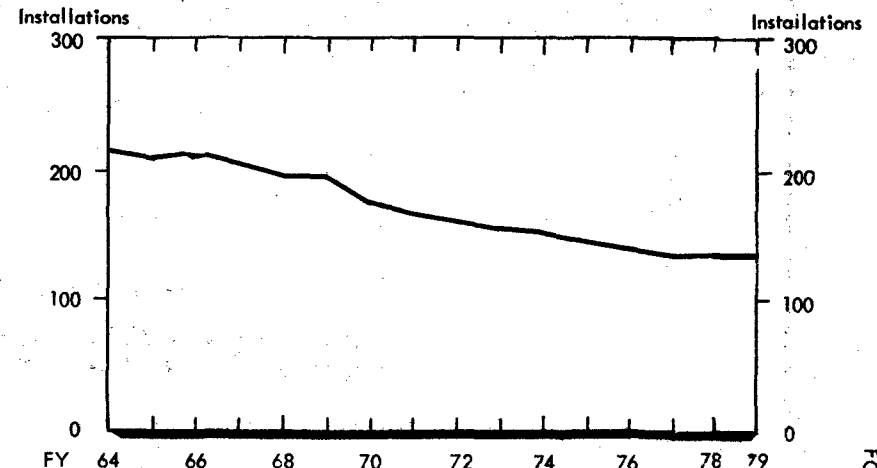
Major Installations: (Two Part Definition) A major installation is one at which full-time flying or missile operations are conducted either by a permanently assigned squadron, its equivalent, or higher active or reserve Air Force unit. (It may be an Air Force or other Service installation, or a civil airport.) A major installation is also one at which flying or missile operations are not conducted, but which does have assigned to it a wing headquarters, its equivalent, or a higher level Air Force organization.

Minor Installations include: Auxiliary Air Fields, Missile Sites, Electronics Stations or Sites, General Support Annexes, and Air National Guard Installations.

### TOTAL ACTIVE INSTALLATIONS



### MAJOR ACTIVE INSTALLATIONS

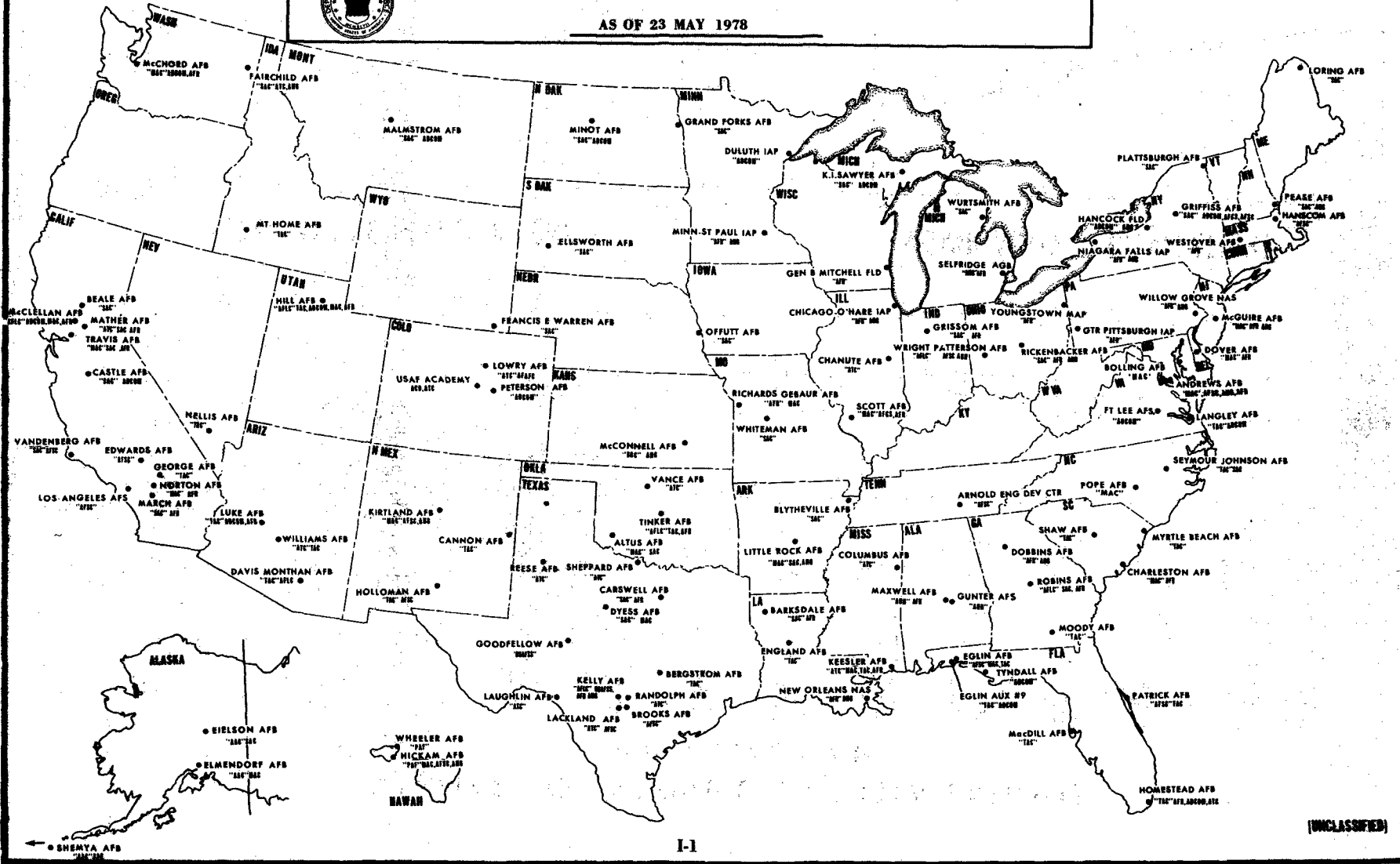


# USAF ACTIVE MAJOR INSTALLATIONS

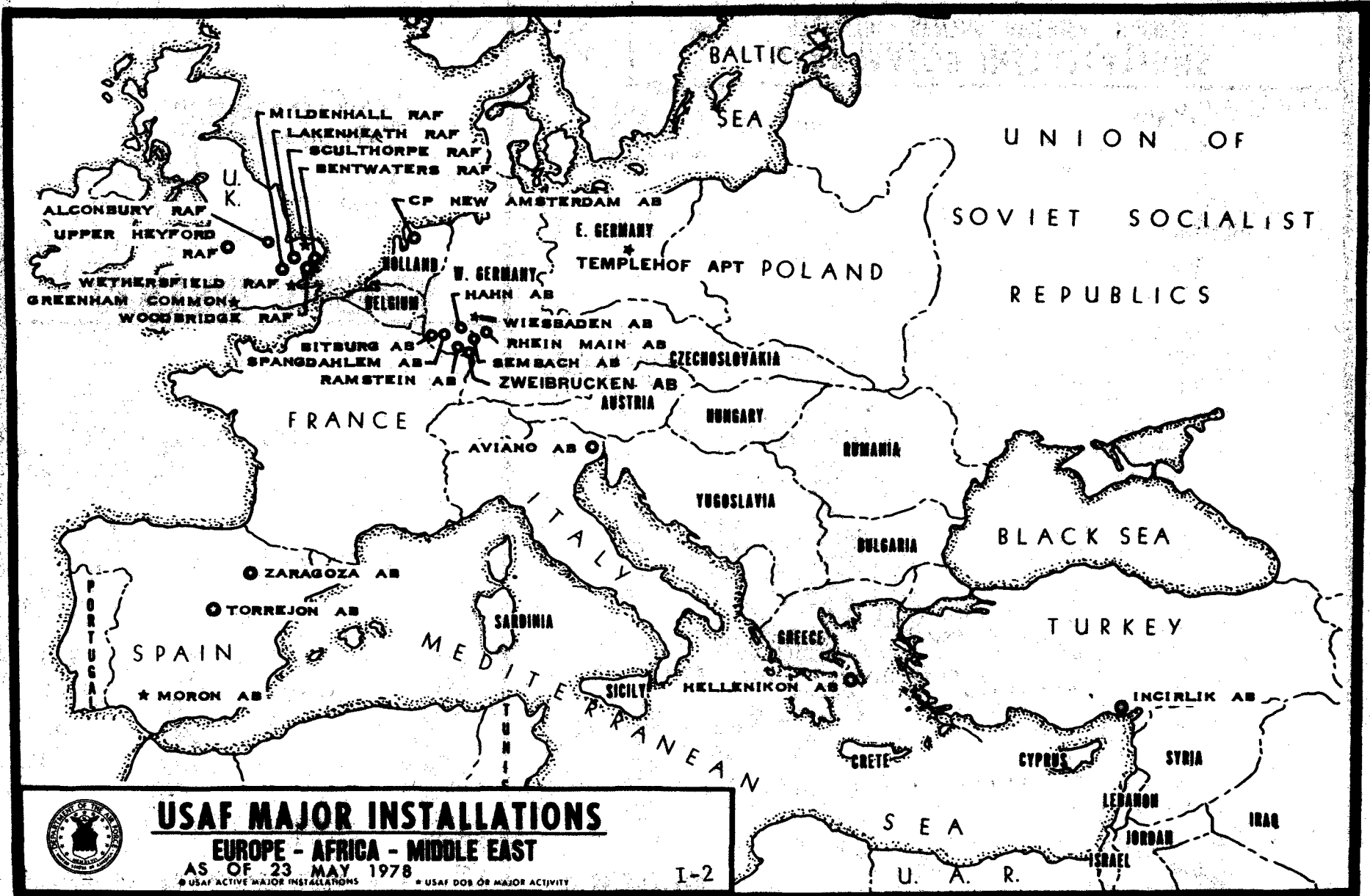


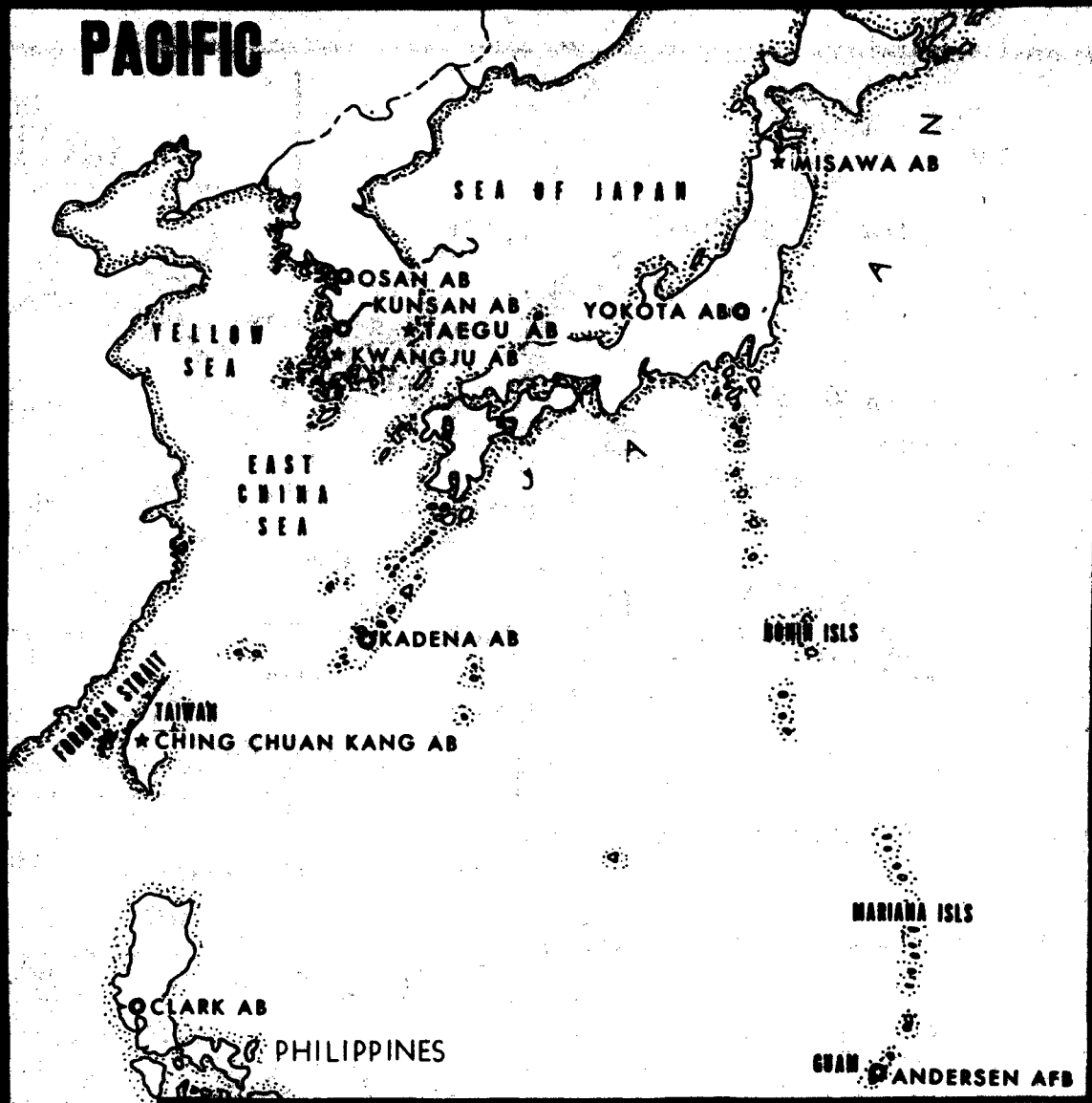
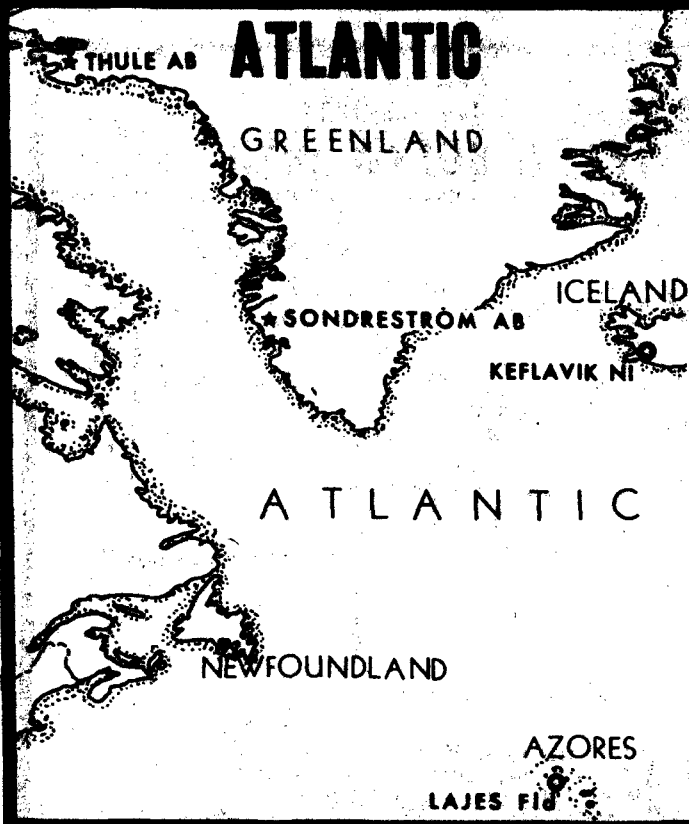
BY "OPERATING COMMAND" & MAJOR TENANT COMMANDS

AS OF 23 MAY 1978



(UNCLASSIFIED)





I-3



**USAF MAJOR INSTALLATIONS**

**ATLANTIC - CENTRAL AMERICA - PACIFIC**

AS OF 23 MAY 1978

© USAF ACTIVE MAJOR INSTALLATIONS

© USAF DOB OF MAJOR ACTIVITY

(UNCLASSIFIED)

USAF ACTIVE AIRCRAFT INVENTORY<sup>1</sup>

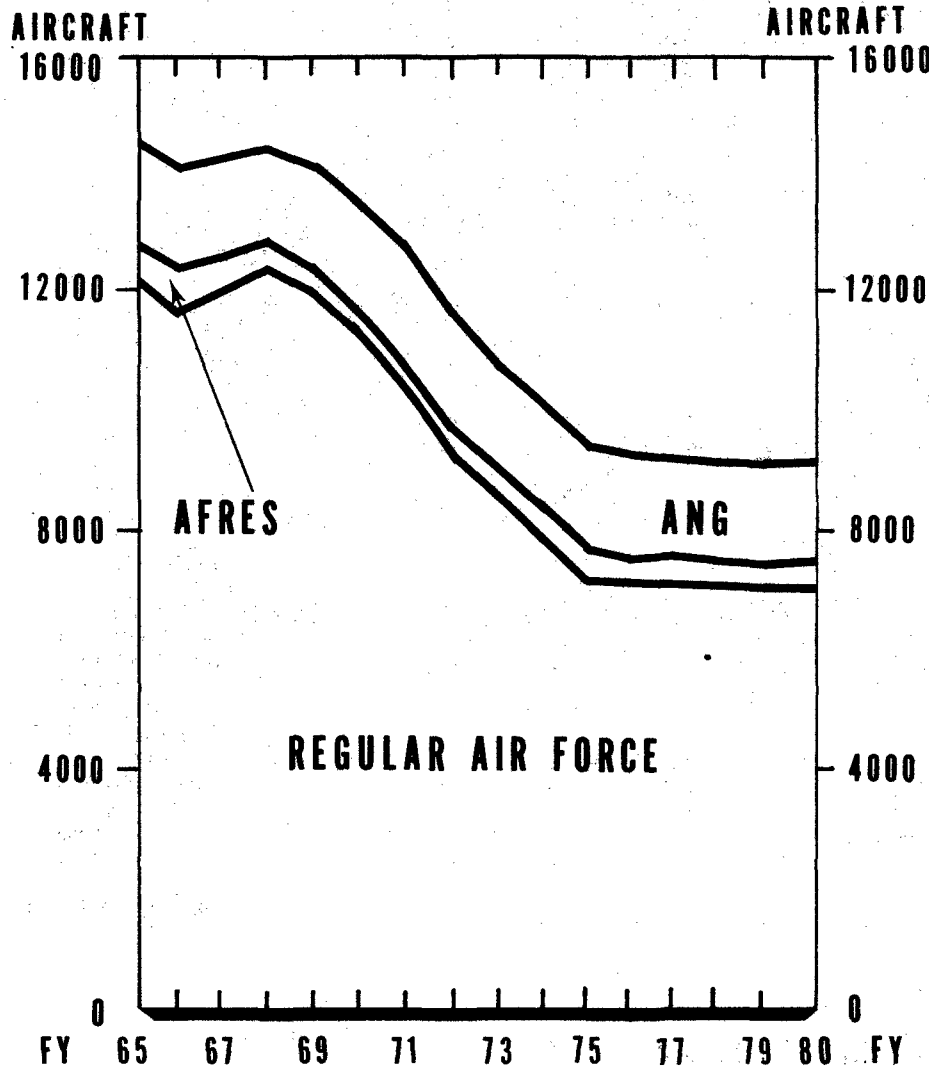
	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	(Est) 1979	(Est) 1980
<b>REGULAR AIR FORCE</b>													
Bomber	1,509	779	570	622	558	520	500	498	494	489	448	417	415
Tanker	998	667	663	662	660	660	657	657	622	567	525	531	532
Fighter	3,538	3,877	3,102	2,764	2,288	2,151	2,009	1,984	2,196	2,331	2,370	2,334	2,413
Attack	-	108	302	318	364	401	378	315	300	268	282	309	410
Reconnaissance	595	1,009	993	841	750	687	610	494	412	423	419	389	358
Search & Rescue	100	91	87	82	75	60	56	44	41	37	37	33	30
Special Research/Other	3	5	-	-	-	1	-	1	1	-	-	-	-
Cargo/Transport	2,327	2,358	1,854	1,583	1,325	1,175	1,253	927	888	860	845	837	837
Trainer	2,873	2,584	2,625	2,623	2,454	2,271	1,996	1,861	1,800	1,769	1,739	1,735	1,743
Utility/Observation	345	663	568	400	288	221	154	189	198	220	210	215	221
Helicopter	401	465	457	526	493	391	317	269	254	254	246	231	214
<b>REGULAR AIR FORCE TOTAL</b>	<b>12,689</b>	<b>12,606</b>	<b>11,221</b>	<b>10,421</b>	<b>9,255</b>	<b>8,538</b>	<b>7,930</b>	<b>7,239</b>	<b>7,206</b>	<b>7,218</b>	<b>7,121</b>	<b>7,031</b>	<b>7,173</b>
<b>AIR FORCE RESERVE</b>													
Tanker	-	-	-	-	-	-	-	-	-	16	24	24	24
Fighter	-	-	-	-	27	78	76	74	72	70	77	86	94
Attack	-	-	1	60	62	60	62	91	101	104	104	101	95
Reconnaissance	-	-	6	9	14	13	9	7	12	19	12	7	7
Search & Rescue	20	32	39	26	9	10	10	12	14	14	14	14	16
Cargo/Transport	664	394	284	213	197	207	241	229	230	221	212	217	207
Trainer	32	-	-	-	-	9	4	4	4	4	4	4	4
Utility/Observation	3	-	89	50	21	-	-	-	-	-	-	-	-
Helicopter	-	-	-	5	23	29	26	31	31	30	31	31	21
<b>AIR FORCE RESERVE TOTAL</b>	<b>719</b>	<b>426</b>	<b>419</b>	<b>363</b>	<b>353</b>	<b>406</b>	<b>428</b>	<b>448</b>	<b>464</b>	<b>478</b>	<b>478</b>	<b>484</b>	<b>468</b>
<b>AIR NATIONAL GUARD</b>													
Bomber	2	-	-	-	16	16	-	-	-	-	-	-	-
Tanker	62	55	77	77	77	77	77	76	103	97	104	104	104
Fighter	1,055	744	990	1,046	1,057	1,090	981	828	720	622	546	450	491
Attack	-	-	22	50	33	29	76	141	183	255	305	382	370
Reconnaissance	192	167	234	202	168	146	171	168	185	183	171	185	184
Search & Rescue	17	18	17	11	-	-	-	8	8	8	8	12	13
Cargo/Transport	285	303	302	285	265	178	247	194	203	214	226	215	230
Trainer	169	129	143	131	125	161	78	72	60	49	48	52	51
Utility/Observation	24	24	120	160	168	158	156	155	144	121	121	113	117
Helicopter	-	-	-	-	-	-	12	5	11	11	10	9	10
<b>AIR NATIONAL GUARD TOTAL</b>	<b>1,806</b>	<b>1,438</b>	<b>1,905</b>	<b>1,962</b>	<b>1,909</b>	<b>1,855</b>	<b>1,798</b>	<b>1,647</b>	<b>1,617</b>	<b>1,560</b>	<b>1,539</b>	<b>1,522</b>	<b>1,570</b>
<b>USAF GRAND TOTAL</b>	<b>15,214</b>	<b>14,470</b>	<b>13,545</b>	<b>12,746</b>	<b>11,517</b>	<b>10,799</b>	<b>10,156</b>	<b>9,334</b>	<b>9,287</b>	<b>9,256</b>	<b>9,138</b>	<b>9,037</b>	<b>9,211</b>

<sup>1</sup> Aircraft are categorized by functional mission.

Numbers above do not include Foreign Government Owned aircraft.

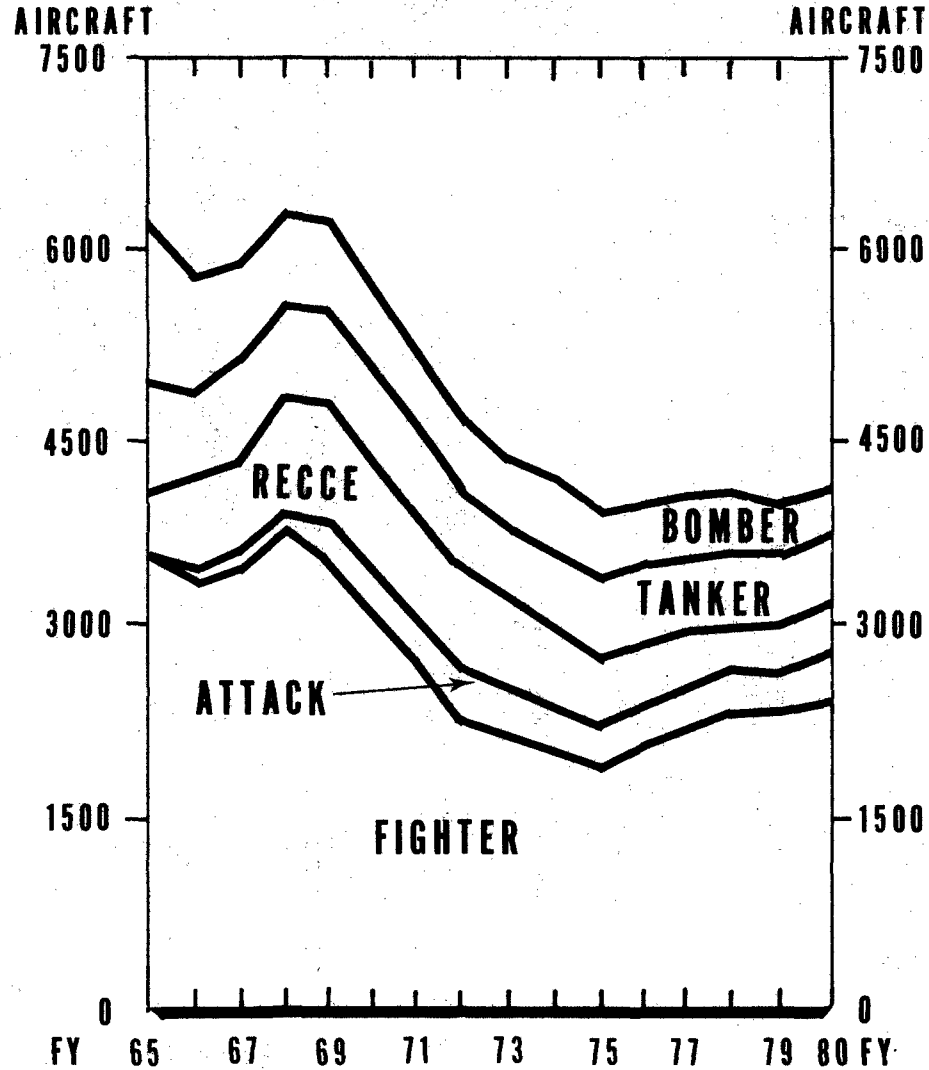
# USAF ACTIVE AIRCRAFT INVENTORY

REGULAR/AFRES/ANG



# SELECTED REGULAR ACTIVE AIRCRAFT

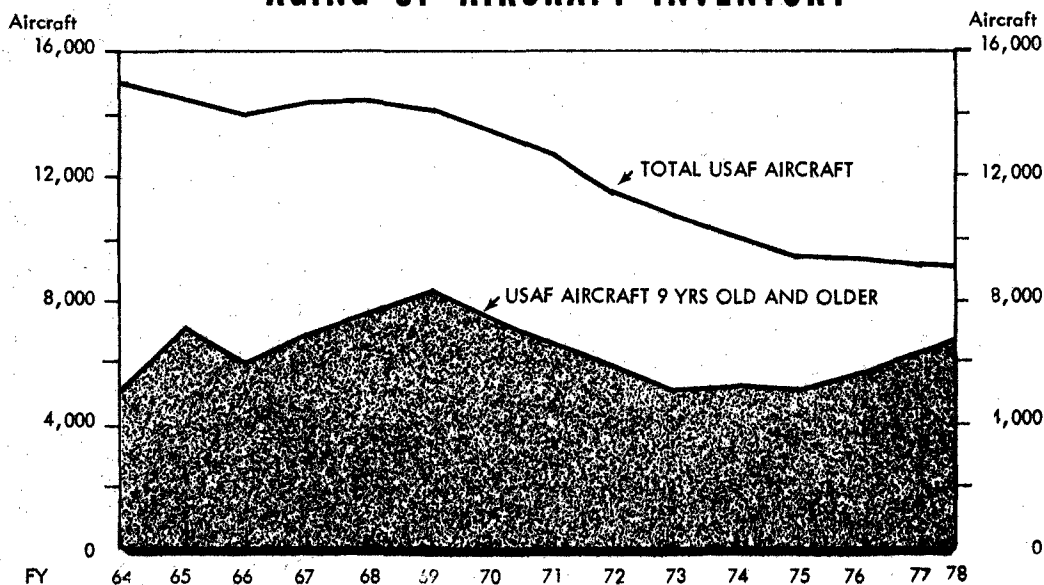
BOMBER/TANKER/RECCE/ATTACK/FIGHTER



## USAF ACTIVE AIRCRAFT INVENTORY VS USAF AIRCRAFT NINE YEARS OLD AND OLDER

FY	64	66	67	68	69	70	71	72	73	74	75	76	77	78
Regular Air Force	12,689	11,710	12,064	12,606	12,202	11,221	10,421	9,255	8,538	7,930	7,239	7,206	7,218	7,121
Air Force Reserve	719	514	495	426	404	419	363	353	406	428	448	464	478	478
Air National Guard	1,806	1,795	1,811	1,438	1,660	1,905	1,962	1,909	1,855	1,798	1,647	1,617	1,560	1,539
Total Force	15,214	14,019	14,370	14,470	14,266	13,545	12,746	11,517	10,799	10,156	9,334	9,287	9,256	9,138
% 9 years & older	34.0	42.6	48.5	53.0	58.0	55.0	52.0	52.0	47.0	53.0	55.0	62.0	68.0	72.6

### AGING OF AIRCRAFT INVENTORY



### AVERAGE AGE OF USAF AIRCRAFT (YEAR/MONTH)

FY	64	66	67	68	69	70	71	72 <sup>1</sup>	73 <sup>2</sup>	74	75	76	77	78
Regular Air Force	7/9	8/3	8/5	8/11	8/11	8/11	9/2	9/8	9/-	9/7	9/11	10/5	11/1	11/10
Air Force Reserve	11/8	13/7	14/3	15/3	16/-	15/3	13/9	12/1	12/6	12/10	12/7	12/11	14/1	15/0
Air National Guard	9/5	11/2	12/1	13/-	13/10	14/2	13/9	13/8	14/5	14/10	14/7	14/6	14/11	15/2

<sup>1</sup> Years FY 64 through FY 72 reflect the average age of both Active and Inactive Aircraft.

<sup>2</sup> Years FY 73 forward reflect the average age of the Active Aircraft only.

# AGE OF ACTIVE FORCES AIRCRAFT

AS OF 30 SEP 78

MDS	INVENTORY BY AGE GROUP (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23	24+		
A-7	4	56	65	4	-	-	-	-	-	129	6/2
A-10	134	5	-	-	-	-	-	-	-	139	1/1
A-37	-	1	2	1	-	-	-	-	-	4	6/10
B-1	3	-	-	-	-	-	-	-	-	3	2/1
B-52	-	-	-	-	-	114	180	84	-	378	19/0
B-57	-	-	-	-	-	-	-	22	-	22	21/10
FB-111	-	-	64	3	-	-	-	-	-	67	8/0
C-5	1	15	59	2	-	-	-	-	-	77	7/1
C-6	-	-	-	-	1	-	-	-	-	1	12/10
C-9	-	3	12	8	-	-	-	-	-	23	7/7
C-12	13	2	-	-	-	-	-	-	-	15	2/5
C-130	39	40	42	30	181	34	11	4	-	381	11/2
C-131	-	-	-	-	-	-	-	2	-	2	23/5
C-135	-	-	-	-	118	253	233	16	-	620	17/2
C-137	-	1	-	-	-	1	3	-	-	5	15/11
C-140	-	-	-	-	-	15	-	-	-	15	16/0
C-141	-	-	-	136	139	1	-	-	-	276	12/1
E-3	14	-	-	-	-	-	-	-	-	14	1/2
E-4	-	4	-	-	-	-	-	-	-	4	4/5
F-4	103	74	253	846	290	1	-	-	-	1,567	10/0
F-5	79	28	2	-	-	-	-	-	-	109	3/2
F-15	290	31	-	-	-	-	-	-	-	321	1/8
F-16	10	1	-	-	-	-	-	-	-	11	1/1
F-101	-	-	-	-	-	-	20	-	-	20	18/10
F-105	-	-	-	-	42	-	-	-	-	42	14/5
F-106	-	-	-	-	-	13	133	1	-	147	18/8
F-111	11	65	194	104	-	-	-	-	-	374	7/6
H-1	-	9	76	28	21	-	-	-	-	134	9/1
H-3	-	-	11	26	24	1	-	-	-	62	11/5
H-53	-	6	28	16	-	-	-	-	-	50	8/2
O-2	-	-	61	61	-	-	-	-	-	122	9/5
OV-10	-	-	-	86	-	-	-	-	-	86	10/0
T-33	-	-	-	-	-	-	94	20	8	122	20/7
T-37	-	-	10	153	43	93	359	12	-	670	16/5
T-38	-	-	77	237	373	189	-	-	-	876	12/7
T-39	-	-	-	-	3	129	-	-	-	132	16/1
T-41	-	-	7	45	-	-	-	-	-	52	10/5
T-43	-	19	-	-	-	-	-	-	-	19	4/7
UV-18	2	-	-	-	-	-	-	-	-	2	1/1
OTHERS <sup>1</sup> (28)	-	-	-	-	-	-	-	-	-	28	-
AF TOTAL	703	360	963	1,786	1,235	844	1,033	161	8	7,121	11/10
PERCENT	10%	5%	14%	25%	17%	12%	15%	2%	-	-	-

Nr. & % Under/  
Over 9 yrs old

2,026      28%

(Under)

5,067      71%

(Over)

<sup>1</sup> Inventory only.

## AGE OF RESERVE FORCES AIRCRAFT

## AIR NATIONAL GUARD

AS OF 30 SEP 78

MD	INVENTORY BY AGE GROUPS (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23	24+		
A-7	26	86	143	-	-	-	-	-	-	255	5/11
A-37	9	14	23	4	-	-	-	-	-	50	6/2
B-57	-	-	-	-	-	-	-	15	4	19	23/10
C-7	-	-	-	13	-	4	-	-	-	17	13/-
C-121	-	-	-	-	-	-	-	2	-	2	22/11
C-130	-	-	-	3	19	51	69	37	-	179	18/4
C-131	-	-	-	-	-	-	1	33	2	36	23/1
C-135	-	-	-	-	-	1	103	-	-	104	19/7
F-4	-	-	1	12	207	-	-	-	-	220	13/-
F-100	-	-	-	-	-	-	76	160	-	236	21/1
F-101	-	-	-	-	-	3	74	-	-	77	18/10
F-105	-	-	-	-	14	46	23	-	-	83	16/8
F-106	-	-	-	-	-	5	75	-	-	80	18/11
H-3	-	-	2	2	6	-	-	-	-	10	11/5
O-2	-	-	40	81	-	-	-	-	-	121	10/1
T-33	-	-	-	-	-	-	9	27	12	48	22/11
T-39	-	-	-	-	-	2	-	-	-	2	17/5
ANG TOTAL	35	100	209	115	246	112	430	274	18	1,539	15/2
PERCENT	2%	6%	14%	7%	16%	7%	28%	18%	1%	-	-

Nr & % under/  
over 9 yrs old344 22%  
(Under)1,195 78%  
(Over)

## AIR FORCE RESERVE

MD	INVENTORY BY AGE GROUPS (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23	24+		
A-37	14	37	34	9	-	-	-	-	-	94	5/10
C-7	-	-	-	26	-	6	-	-	-	32	12/8
C-121	-	-	-	-	-	-	-	2	3	5	23/5
C-123	-	-	-	-	-	-	3	60	-	63	22/2
C-130	-	-	2	-	27	49	34	36	-	148	17/8
C-135	-	-	-	-	-	-	24	-	-	24	19/6
F-4	-	-	-	-	9	-	-	-	-	9	13/10
F-105	-	-	-	-	6	45	17	-	-	68	16/11
H-1	-	18	-	-	-	-	-	-	-	18	5/6
H-3	-	-	-	8	5	-	-	-	-	13	11/10
T-33	-	-	-	-	-	-	4	-	-	4	22/2
AFR TOTAL	14	55	36	43	47	100	82	98	3	478	15/0
PERCENT	3%	12%	8%	9%	10%	21%	17%	21%	1%	-	-

Nr & % under/  
over 9 yrs old105 22%  
(Under)373 78%  
(Over)

Source: RCS: SS-A1, 30 SEP 78

FOR 10  
AF/PAXR/75868

## AGE OF USAF STRATEGIC MISSILES & DRONES

### USAF DIRECT INVENTORY

AS OF 30 SEP 78

MDS	AGE OF MISSILES & DRONES - BY SERIES (IN YEARS)							TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-2	3-5	6-8	9-11	12-14	15-17	18-24		
GIM-10-Bomarc	-	-	-	-	-	12	-	12	16/6
ADM-20-Quail	-	-	-	-	-	109	2	111	17/0
AGM-69-SRAM	1	1,289	114	-	-	-	-	1,404	4/8
LGM-25-Titan III	-	-	-	5	29	24	-	58	14/5
LGM-30-Minuteman	136	323	268	321	145	-	-	1,193	7/6
<b>TOTAL MISSILES</b>	<b>137</b>	<b>1,612</b>	<b>382</b>	<b>326</b>	<b>174</b>	<b>145</b>	<b>2</b>	<b>2,778</b>	<b>6/7</b>
PQM-34-Firebee	46	7	24	1	-	-	-	78	3/10
PQM-102-Drone	-	-	-	-	-	-	27	27	21/1
XQM-103-Drone	-	2	-	-	-	-	-	2	4/4
<b>TOTAL DRONES</b>	<b>46</b>	<b>9</b>	<b>24</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>107</b>	<b>5/7</b>
<b>TOTAL MISSILES &amp; DRONES</b>	<b>183</b>	<b>1,621</b>	<b>406</b>	<b>327</b>	<b>174</b>	<b>145</b>	<b>29</b>	<b>2,885</b>	<b>6/7</b>

Source: RCS: SS-A1, 30 SEP 78

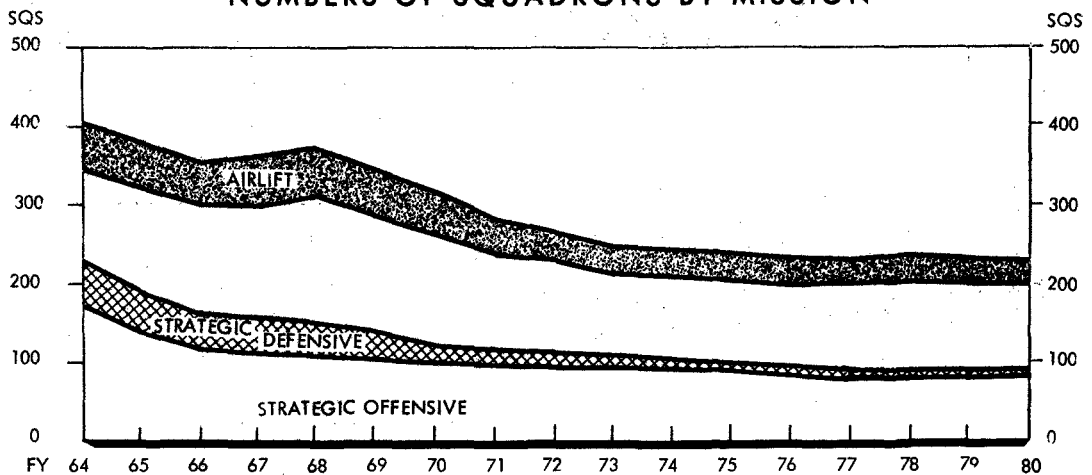
## SELECTED REGULAR AIR FORCE COMBAT FORCES BY SQUADRON

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<b>STRATEGIC OFFENSIVE</b>													
Bomber (Heavy)	42	34	31	29	26	26	24	23	22	21	21	21	21
Bomber (Medium)	33	6	-	4	4	4	4	4	4	4	4	4	4
Missile Augmentation <sup>1</sup>	(29)	(17)	(17)	(17)	(17)	(17)	(12)	(3)	-	-	-	-	-
Strategic Missile (SRAM)	-	-	-	-	(1)	(8)	(15)	(19)	(20)	(19)	(19)	(19)	(19)
Reconnaissance	2	3	2	1	1	1	1	1	1	1	1	1	1
ECM	3	-	-	-	-	-	-	-	-	-	-	-	-
Air Refueling	55	41	40	38	38	38	38	38	35	34	34	34	34
Strategic Missile (ICBM)	35	26	26	26	26	26	26	26	26	26	26	26	26
<b>STRATEGIC DEFENSIVE</b>													
Fighter Interceptor <sup>2</sup>	40	26	14	11	9	7	7	6	6	6	6	6	6
Airborne Early Warning and Control	7	7	3	2	2	2	1	1	-	-	-	-	-
Defense System Evaluation	3	3	3	2	2	2	1	1	1	1	1	1	-
Air Defense Missile	8	6	5	5	5	3	-	-	-	-	-	-	-
<b>GENERAL PURPOSE</b>													
Tactical Bomber	2	1	1	1	-	-	-	-	-	-	-	-	-
Tactical Fighter	75	92	77	74	73	72	74	70	73	76	78	79	81
Fighter Interceptor O/S	9	8	3	1	1	1	1	1	1	1	1	1	1
Reconnaissance	8	21	19	14	13	13	13	12	9	9	9	7	6
Special Operations	6	22	21	14	11	7	5	5	5	5	5	5	5
Tactical Air Control System	1	9	7	10	11	9	11	9	9	11	11	11	11
Tactical Airborne Command and Control System	-	-	-	-	-	-	-	2	2	4	5	5	5
Tactical Missile	8	2	-	-	-	-	-	-	-	-	-	-	-
Tactical Electronic Warfare	6	2	3	2	2	1	-	-	-	-	-	-	-
ABNCP (CINCS)	-	2	2	2	2	3	3	3	3	3	3	3	-
Tactical Drone Support	-	-	-	-	-	1	1	1	1	1	1	-	-
<b>AIRLIFT</b>													
Strategic	35	32	18	17	17	17	17	17	17	17	17	17	17
Tactical	26	31	34	28	19	17	17	17	15	15	15	14	14

<sup>1</sup> AGM equipped squadrons. Squadrons are included in Bomber (Heavy and Medium) totals.

<sup>2</sup> Fighter interceptors in PACAF, USAFE, and Iceland are included in General Purpose Forces.

### NUMBERS OF SQUADRONS BY MISSION



## RESERVE FORCES COMBAT SQUADRONS

	FY 1964	1968 <sup>1</sup>	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<b>AIR FORCE RESERVE SQs</b>													
Air Refueling	-	-	-	-	-	-	-	-	-	2	3	3	3
Tactical Fighter	-	-	-	-	1	7	7	7	7	7	7	8	8
Special Operations	-	-	3	5	5	-	1	1	2	2	2	2	2
Tactical Airlift	40	18(1)	8	12	21	23	22	22	20	18	17	17	17
Strategic Airlift <sup>2</sup>	5	14(4)	16	13	3	17	17	17	17	17	-	17	17
Air Rescue	5	4(1)	5	4	4	4	4	4	4	4	4	4	4
Assoc Airlift/Aero-Med	-	1	11	13	14	16	18	18	18	18	18	18	18
Other <sup>3</sup>	-	-	4	1	1	1	1	1	2	2	2	1	1
<b>AIR NATIONAL GUARD SQs</b>													
Air Refueling	3	5	7	7	7	9	9	9	12	13	13	13	13
Fighter Interceptor	24	22	18	17	18	21	20	15	11	10	10	10	10
Tactical Fighter	22	13(10)	26	27	28	29	29	31	29	29	29	31	31
Tactical Reconnaissance	13	9(3)	12	11	8	7	7	7	8	8	8	8	8
Special Operations	4	4	4	3	3	3	3	2	-	-	-	-	-
Other Attack	-	-	-	-	1	1	-	-	-	-	-	-	-
Strategic Airlift	25	23(1)	14	9	7	3	3	-	-	-	-	-	-
Tactical Airlift	1	1	3	8	12	13	12	15	17	18	19	19	19
Tactical Air Control System	-	-	3	5	5	5	5	7	7	6	6	6	6
Other <sup>4</sup>	-	1	5	5	3	1	3	5	7	7	6	4	4

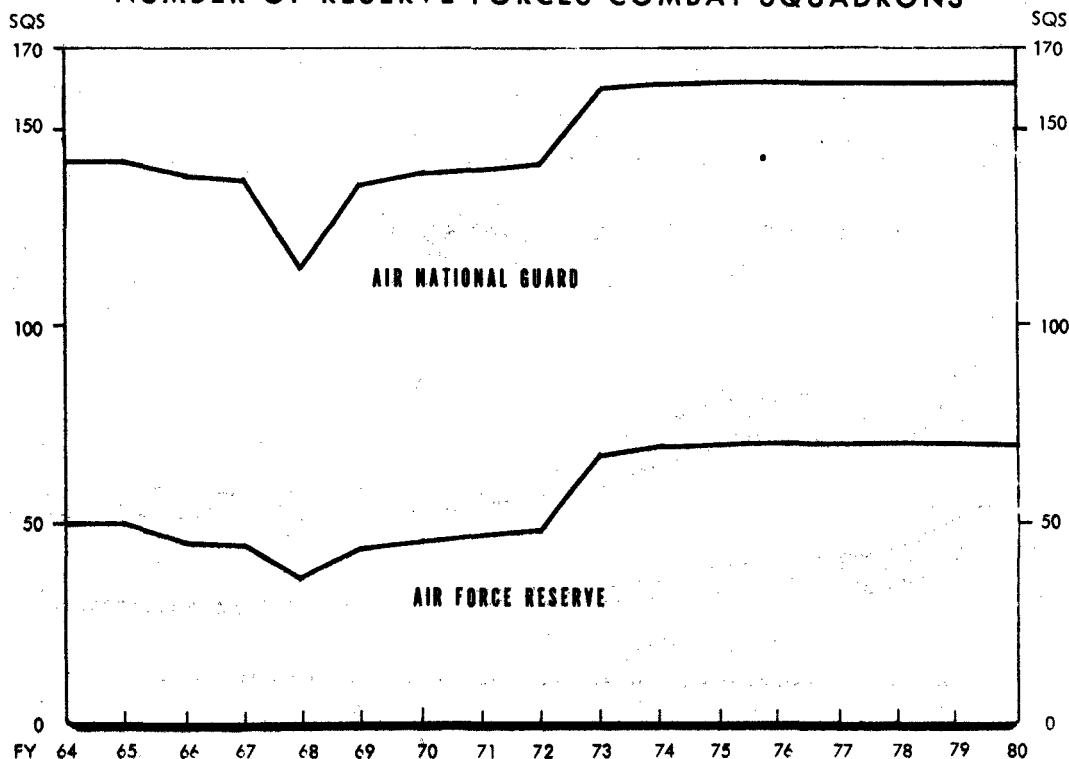
<sup>1</sup> Numbers in parentheses reflect additional units mobilized during the Pueblo crisis (Jan 68 - Jun 68).

<sup>2</sup> Associate Reserve (No aircraft).

<sup>3</sup> Includes at various times: TAC Air Support, AEW&C, and Weather Squadrons.

<sup>4</sup> Includes at various times: Combat Crew Training (CCT), TEWS, AEROMED, ARRS, and EB-57 Squadrons.

## NUMBER OF RESERVE FORCES COMBAT SQUADRONS



## AIRCRAFT MISSION CAPABILITY RATES SELECT AIRCRAFT

FISCAL YEAR 1978

AIRCRAFT		PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A-7	NMCS	%	9.1	7.3	9.8	7.7	9.6	8.2	6.5	8.9	8.7	9.0	8.6	7.6
	NMCB	%	8.0	5.6	7.4	6.7	7.3	5.4	7.0	8.4	7.2	6.0	6.0	7.4
	PMCS	%	6.1	5.7	8.9	7.3	7.0	5.2	5.4	5.1	5.5	5.2	4.6	4.3
	PMCB	%	.6	1.0	.7	1.0	.9	.7	.8	.7	.4	.7	.4	.6
	NMCM	%	20.6	22.5	24.3	20.9	25.9	24.2	21.2	24.4	23.7	23.3	21.2	19.5
	PMCM	%	7.3	5.5	5.7	6.5	7.2	7.8	7.7	6.6	9.6	6.6	7.1	8.0
	FMC	%	48.3	52.4	43.1	50.0	42.2	48.5	51.4	45.9	45.0	49.1	52.0	52.6
A-10	NMCS	%	14.4	9.2	10.6	10.6	6.6	6.9	4.9	8.9	13.3	12.9	14.0	17.3
	NMCB	%	6.9	6.3	6.1	4.6	3.2	5.9	4.9	5.5	6.7	5.8	5.7	5.3
	PMCS	%	7.2	2.6	3.5	6.9	4.2	5.2	6.4	6.4	6.1	4.0	4.3	3.7
	PMCB	%	.0	.4	.6	.1	.4	.9	1.1	.4	.4	.6	1.0	.8
	NMCM	%	20.2	12.4	16.9	12.3	16.5	19.8	17.8	21.5	20.1	19.2	17.3	18.7
	PMCM	%	3.5	2.3	4.5	1.8	2.0	4.1	7.9	5.6	5.8	5.9	5.2	5.3
	FMC	%	47.8	66.8	59.5	63.8	67.2	57.3	57.1	52.7	47.6	51.7	52.5	49.0
F-4	NMCS	%	4.2	4.3	5.3	4.8	5.3	5.0	5.7	5.2	4.9	5.4	5.2	4.9
	NMCB	%	5.3	4.7	5.7	5.3	6.3	5.4	5.7	5.9	5.6	5.3	6.6	6.4
	PMCS	%	3.3	2.6	3.3	2.7	2.9	2.9	3.5	3.7	3.1	3.6	3.3	3.3
	PMCB	%	.8	.6	.6	.7	.7	.8	.8	.8	.9	.7	.8	.9
	NMCM	%	30.7	23.1	31.0	29.2	30.4	29.7	27.7	27.8	29.0	25.5	27.2	26.7
	PMCM	%	8.7	5.3	9.1	7.4	9.1	9.1	9.3	9.3	9.7	8.6	9.5	10.0
	FMC	%	47.1	53.0	44.9	49.9	45.4	47.2	47.3	47.3	46.8	50.8	47.4	47.8
RF-4C	NMCS	%	4.6	4.8	5.4	5.2	5.6	5.8	5.3	5.2	4.9	5.4	5.9	3.7
	NMCB	%	6.4	6.1	5.7	5.3	6.9	6.3	7.0	7.8	7.2	6.6	7.9	6.9
	PMCS	%	1.8	2.0	2.4	1.9	2.4	2.0	2.2	2.3	2.3	2.5	1.3	3.9
	PMCB	%	.2	.2	.1	.1	.2	.3	.3	.2	.1	.3	.3	.7
	NMCM	%	25.5	28.5	30.3	26.5	28.8	28.7	26.2	26.5	27.7	23.1	28.7	26.5
	PMCM	%	7.3	6.1	6.0	4.7	6.2	6.4	5.8	5.5	5.4	4.6	5.7	6.2
	FMC	%	54.2	52.3	50.0	56.3	49.9	50.5	53.2	52.5	52.3	57.5	50.0	52.2
F-15	NMCS	%	10.0	7.7	9.5	6.0	10.0	8.8	10.3	8.6	12.8	11.9	12.2	14.1
	NMCB	%	7.5	3.0	7.4	8.6	7.0	8.2	9.4	10.3	7.9	12.2	13.8	12.5
	PMCS	%	2.0	2.3	2.6	6.0	1.8	1.2	2.5	3.6	1.4	1.2	1.2	1.7

# AIRCRAFT MISSION CAPABILITY RATES SELECT AIRCRAFT (CONT'D)

FISCAL YEAR 1978

AIRCRAFT		PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
F-15 (Continued)	PMCB	%	.1	.1	.6	.2	.1	.1	.1	.4	.1	.3	.1	.2
	NMCM	%	18.5	14.2	20.6	24.1	20.9	23.2	26.9	24.5	24.7	27.8	29.7	22.9
	PMCM	%	4.4	2.4	3.8	2.9	2.9	4.3	3.8	5.2	3.9	2.2	3.8	3.9
	FMC	%	57.5	70.3	55.4	52.2	57.3	54.1	46.9	47.4	49.2	44.2	39.3	44.7
F-106	NMCS	%	2.3	2.4	4.6	4.4	3.9	4.0	3.4	3.7	3.3	4.5	4.3	4.1
	NMCB	%	7.3	6.5	6.1	5.5	7.8	6.5	5.0	6.4	6.1	5.2	5.6	5.7
	PMCS	%	3.7	4.9	4.9	4.5	4.2	4.3	4.5	3.1	4.1	3.1	3.5	2.2
	PMCB	%	.1	0	.2	.3	0	.2	.1	0	.1	.1	.1	.1
	NMCM	%	17.2	19.4	20.0	21.1	19.1	20.5	18.1	20.4	19.5	18.8	20.9	18.0
	PMCM	%	2.1	1.8	2.3	1.2	1.3	1.5	1.8	2.1	1.5	1.1	1.1	1.7
	FMC	%	67.2	64.9	61.9	63.0	63.7	63.2	67.1	64.3	65.4	67.3	64.5	68.1
F-111	NMCS	%	7.1	4.2	5.5	13.0	13.9	6.4	8.6	5.6	4.5	4.6	6.0	5.2
	NMCB	%	11.5	7.9	14.9	11.1	11.9	16.0	15.7	13.9	15.0	16.7	16.8	12.7
	PMCS	%	2.3	1.5	1.7	2.0	1.3	.5	1.2	1.8	1.6	2.4	1.7	.6
	PMCB	%	.3	.1	.1	.3	.3	.5	.4	.5	.2	.2	.2	.6
	NMCM	%	37.2	27.7	34.4	39.2	40.0	42.3	28.5	37.1	38.5	34.7	33.4	28.6
	PMCM	%	6.1	3.9	3.4	4.2	5.3	5.1	11.7	10.2	11.1	13.7	11.6	12.0
	FMC	%	35.5	54.8	43.0	30.2	27.4	29.0	33.8	31.0	29.2	27.6	30.4	40.3
B-52	NMCS	%	3.0	2.1	3.9	5.1	6.3	5.0	4.8	5.5	5.6	5.9	5.6	4.9
	NMCB	%	8.7	9.8	9.7	9.4	11.7	13.5	12.4	13.7	13.6	11.7	14.2	14.4
	PMCS	%	5.2	5.1	5.9	4.2	4.0	4.0	3.9	3.5	3.7	4.4	3.9	3.3
	PMCB	%	3.1	2.2	2.6	2.4	2.0	1.5	1.7	1.0	1.2	1.6	1.9	1.2
	NMCM	%	21.0	23.3	23.6	24.8	25.9	25.8	24.1	24.2	26.0	24.7	25.2	27.4
	PMCM	%	10.4	11.8	9.2	6.6	5.8	5.7	6.0	5.3	4.5	3.2	3.8	3.3
	FMC	%	48.7	45.7	45.1	47.5	44.4	44.4	47.1	46.8	45.4	48.6	45.5	45.4
FB-111	NMCS	%	3.8	5.7	2.2	.6	2.7	2.2	1.5	3.1	2.9	6.4	4.6	2.5
	NMCB	%	3.2	9.5	9.5	10.5	11.5	13.3	17.4	11.1	15.9	12.9	19.6	26.2
	PMCS	%	5.1	7.2	6.1	3.2	4.6	2.2	1.6	1.6	1.3	2.0	1.3	1.5
	PMCB	%	.9	.5	.9	.7	1.2	.8	.5	.3	.1	0	0	0
	NMCM	%	30.7	24.1	35.9	42.8	36.9	34.7	31.5	27.1	24.5	23.1	20.9	17.2
	PMCM	%	4.0	4.6	3.0	3.8	3.5	3.3	1.8	2.6	1.0	.8	2.3	.3
	FMC	%	52.3	48.5	42.4	38.3	39.6	43.6	45.6	54.2	54.5	54.7	51.3	52.4

**AIRCRAFT MISSION CAPABILITY RATES**  
**SELECT AIRCRAFT**  
 (CONT'D)  
 FISCAL YEAR 1978

<u>AIRCRAFT</u>		<u>PERCENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>
C-5	NMCS	%	3.8	8.0	4.7	6.0	3.3	4.0	2.2	3.9	5.4	1.7	4.9	4.5
	NMCB	%	8.4	7.1	5.8	6.4	6.4	6.2	4.6	2.7	4.0	5.5	9.3	8.7
	PMCS	%	8.1	.8	1.8	1.6	1.4	1.9	1.3	2.1	2.9	1.2	1.2	1.6
	PMCB	%	2.7	1.6	1.1	1.8	1.9	.9	.7	.3	1.4	.8	1.0	1.2
	NMCM	%	29.5	36.9	37.7	35.5	40.4	42.5	22.3	36.1	34.2	22.0	39.6	36.7
	PMCM	%	2.1	.7	1.0	.6	.6	1.0	1.2	1.0	.8	.3	.4	.1
	FMC	%	45.4	44.9	48.0	48.0	46.0	43.5	67.6	53.8	51.2	68.5	43.6	47.1
C-130	NMCS	%	4.0	4.7	5.2	4.4	4.0	4.7	4.4	3.7	3.6	5.2	3.9	4.2
	NMCB	%	9.0	7.2	7.9	7.5	8.3	8.1	8.1	9.0	8.4	9.1	8.7	8.6
	PMCS	%	5.0	6.8	6.9	6.5	5.4	5.9	5.8	6.2	6.2	7.4	8.0	9.1
	PMCB	%	1.6	.6	1.0	1.2	1.5	1.5	.9	1.1	1.1	1.2	2.1	2.9
	NMCM	%	20.5	24.1	22.9	24.3	23.9	20.8	21.3	21.2	21.4	20.8	20.3	20.1
	PMCM	%	9.5	7.2	7.9	7.0	8.0	8.2	7.4	9.1	8.5	8.2	8.8	9.1
	FMC	%	50.4	49.5	48.1	49.0	48.9	50.8	52.1	49.7	50.8	48.0	47.3	46.0
C-135	NMCS	%	3.6	3.8	4.3	3.4	4.5	3.9	4.5	4.2	5.0	5.3	5.3	5.4
	NMCB	%	4.9	5.7	5.3	5.8	6.6	7.0	5.8	6.3	5.0	5.1	6.3	6.6
	PMCS	%	3.5	3.4	3.4	3.4	4.3	3.3	3.3	3.2	2.7	2.6	2.6	2.8
	PMCB	%	.6	.6	.6	.3	.5	.5	.3	.4	.3	.4	.3	.4
	NMCM	%	15.5	16.7	16.1	16.8	16.2	18.9	15.2	14.1	14.9	14.7	15.5	14.8
	PMCM	%	5.4	6.4	5.5	5.8	6.6	6.2	5.0	5.0	4.5	4.2	4.6	3.9
	FMC	%	66.6	63.4	64.8	64.5	61.4	63.3	66.0	66.8	67.7	67.8	65.4	66.2
C-141	NMCS	%	2.8	2.1	3.4	4.2	4.0	3.6	3.5	3.9	4.4	4.5	4.5	4.0
	NMCB	%	4.6	3.6	3.6	5.2	6.4	6.4	5.8	5.9	5.9	5.8	6.3	6.5
	PMCS	%	8.4	4.8	4.5	3.7	6.1	4.6	5.3	4.6	3.6	2.6	3.4	6.1
	PMCB	%	1.3	1.1	1.4	1.1	1.5	1.6	1.0	.8	1.1	.6	.6	.8
	NMCM	%	24.5	28.9	30.0	29.3	26.5	24.4	26.3	25.1	26.6	28.2	29.5	27.8
	PMCM	%	5.2	2.7	2.9	4.0	3.6	4.2	3.2	2.6	2.0	1.5	1.7	1.2
	FMC	%	53.3	56.8	52.8	52.6	51.9	55.3	55.1	57.1	56.4	56.8	54.1	53.3
WW USAF	NMCS	%	4.5	4.7	5.3	5.2	5.7	5.4	5.6	5.4	5.7	6.2	6.1	5.9

## AIRCRAFT MISSION CAPABILITY RATES SELECT AIRCRAFT (CONT'D)

FISCAL YEAR 1978

AIRCRAFT		PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
WW USAF (Continued)	NMCB	%	5.1	5.0	5.5	5.3	6.0	5.9	6.0	6.3	6.2	6.0	6.7	6.7
	PMCS	%	3.5	3.3	3.7	3.2	3.3	3.1	3.3	3.3	3.1	3.3	3.4	3.5
	PMCB	%	.7	.5	.6	.7	.7	.6	.5	.5	.6	.5	.6	.7
	NMCM	%	21.3	21.5	22.6	22.2	23.0	22.8	21.2	21.2	21.7	21.1	21.5	20.5
	PMCM	%	5.1	4.8	5.2	4.7	5.3	5.3	5.3	5.3	5.5	4.7	5.2	5.4
	FMC	%	59.8	60.1	57.1	58.7	56.2	57.0	58.1	57.9	57.2	58.2	56.5	57.3

LEGEND:

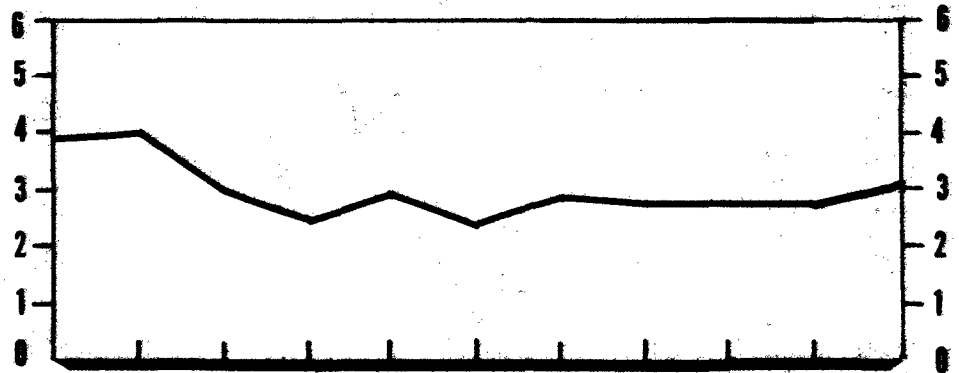
- NMCS - Not Mission Capable Supply
- NMCM - Not Mission Capable Maintenance
- NMCB - Not Mission Capable Both
- PMCS - Partially Mission Capable Supply
- PMCM - Partially Mission Capable Maintenance
- PMCB - Partially Mission Capable Both
- FMC - Fully Mission Capable

NOTE: Includes Reserve and Guard

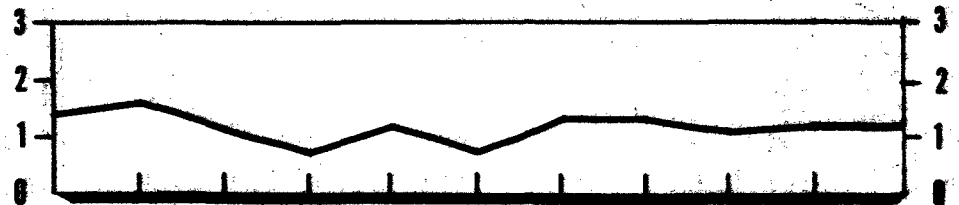
# AIRCRAFT MISHAP RATES\*

PER/100,000 FLYING HOURS

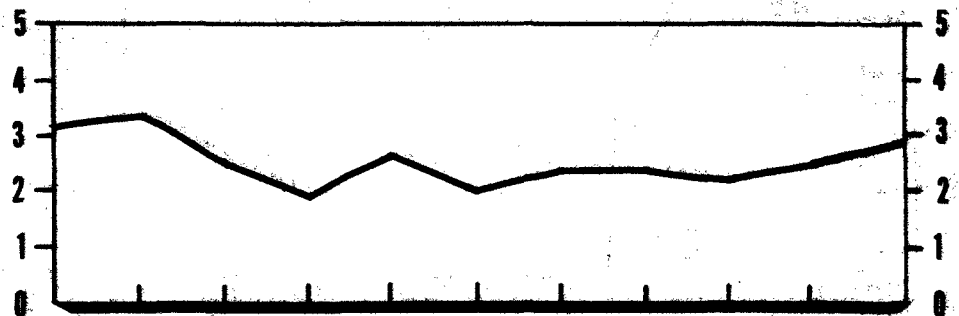
## CLASS A/MAJOR MISHAP RATE



## FATAL MISHAP RATE



## AIRCRAFT DESTRUCTION RATE

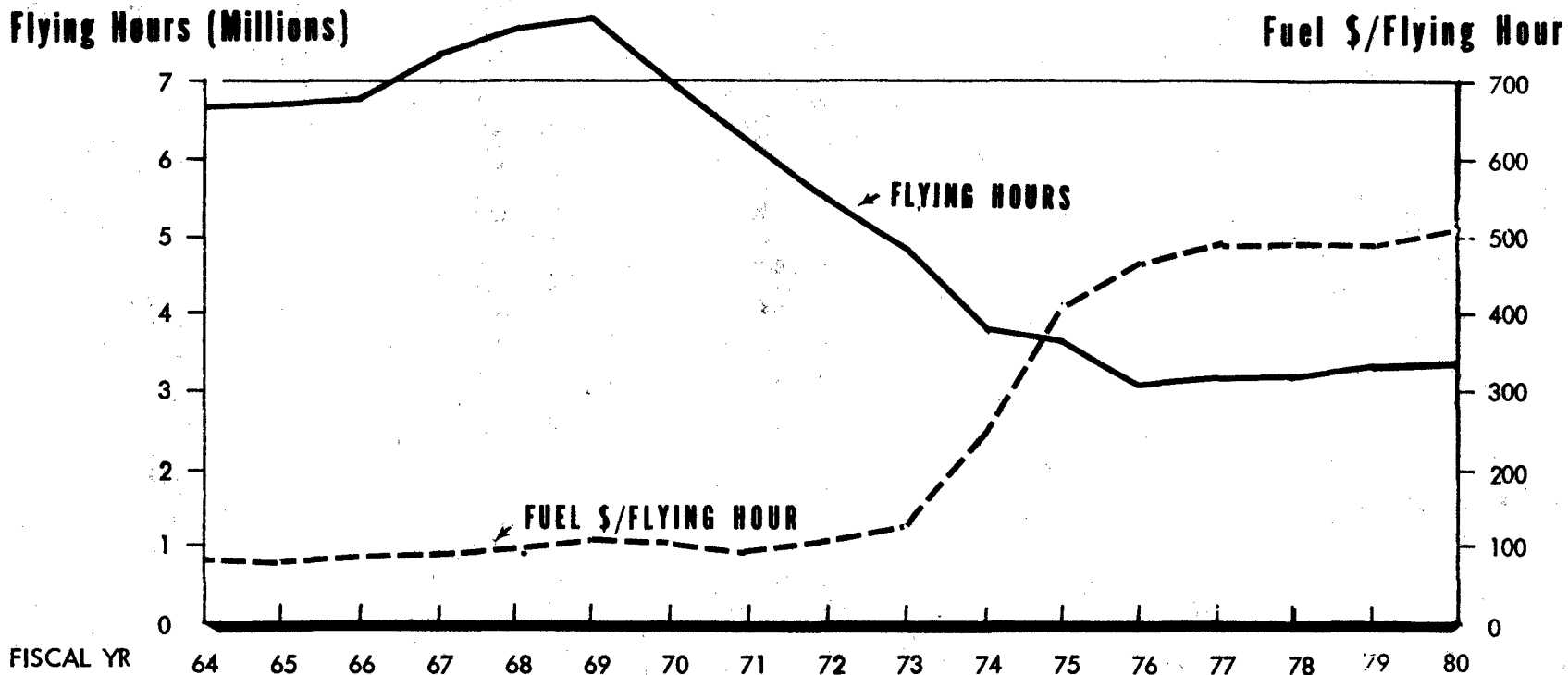


	68	69	70	71	72	73	74	75	76	77	78
Class A/Major Mishaps	3.9	4.0	3.0	2.5	3.0	2.4	2.9	2.8	2.8	2.8	3.1
Fatal Mishaps	1.4	1.6	1.1	.8	1.2	.8	1.3	1.3	1.1	1.2	1.3
Aircraft Dest.	3.2	3.4	2.5	1.9	2.6	2.0	2.4	2.4	2.2	2.4	2.9

\*The 1964-76 data are based on major accident classification in accordance with AFR 127-4, dated 24 Oct 1975. The 1977-1978 Class A mishap data are based on AFR 127-4, dated 16 Jan 1977.

# USAF TOTAL FLYING HOURS VS FUEL \$/FLYING HOUR

## ACTIVE-ANG-RES TOTAL HOURS

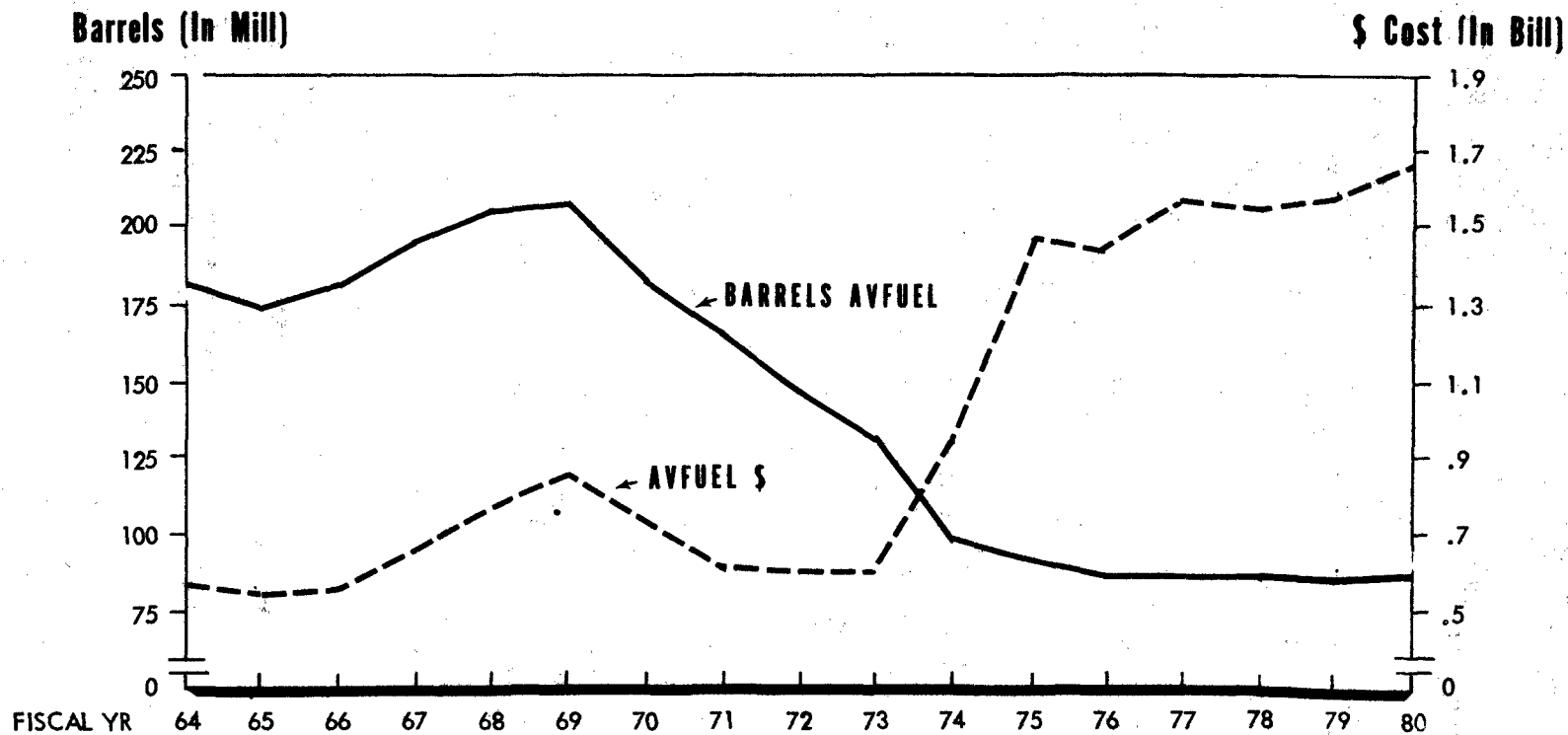


FISCAL YR	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
FLYING HOURS (MILLIONS)	6.7	6.7	6.8	7.3	7.7	7.8	6.9	6.2	5.5	4.9	3.8	3.6	3.1	3.2	3.1	3.2	3.3
FUEL \$ PER FLYING HOUR	85	82	84	90	100	110	109	98	109	124	245	408	468	494	494	491	506

Source: AF/LE

# AVIATION FUEL-ACTIVE-ANG-RES

## (BARRELS CONSUMED VS COST)



FUEL BARRELS (MILLIONS)	181	175	182	195	206	208	184	166	147	131	98	96	87	87	86	86	87
FUEL DOLLARS (BILLIONS)	.57	.55	.57	.66	.77	.86	.75	.61	.60	.61	.93	1.47	1.45	1.58	1.53	1.57	1.67

Source: AF/LE

## COST PER FLYING HOUR (Planning, Programming & Budgeting Cost Factors)

(FY 1980 Dollars)

	Fuel/Bulk Oil	Depot Maintenance	Base Maintenance		Replenishment of Spares	Total Cost Per/Flying Hour of Active Aircraft
			Material	Labor		
A-7D	314	356	213	500	108	1,409
F-111	678	742	451	906	771	3,548
F-4E	730	233	350	932	107	2,352
B-52G	1,798	541	389	1,510	314	4,552
KC-135A	1,008	259	204	785	58	2,314
C-141	885	191	170	400	30	1,676
C-5	1,518	1,421	514	1,209	535	5,197
C-130E	348	195	114	423	74	1,154
T-37	83	27	25	111	8	254
T-38	175	74	66	173	18	506
HH-53C	130	293	103	332	80	938

Source: AFR 173-T0, Vol 1, Table 1  
Letter change, 31 Mar 79

### EXPLANATORY REMARKS

Fuel/Bulk Oil: The average cost per flying hour for Fuel and Bulk Oil: fuel IAW OASD initial guidance for price stock fund price. (Ref OASD (Comptroller) memorandum 7 Mar 79); bulk oil at the stock fund price per gallon.

Depot Maintenance: The cost per flying hour of that portion of Depot Maintenance which is flying hour dependent. Does not include fixed costs of Depot operation or semi-variable costs which are not dependent upon flying hours.

Base Maintenance Material: Budgeted cost per flying hour for aircraft base maintenance supplies. Includes packaged POL.

Base Maintenance Labor: Labor cost per flying hour. Includes Military and Civilian personnel costs.

Replenishment Spares: The dollar requirement for the Budget year based upon programmed flying hours.

These cost components express the operating and support cost per flying hour. Crew pay, depreciation, and other non-variable and indirect costs are not included.

**NOTE FOR INFORMATION:** Components used in calculating appropriate cost estimates may vary depending upon the purpose. For example, AFR 76-11 and AFR 76-28 stipulate components to be included/excluded in Government/non-Government cost-per-flying-hour figures used in reimbursement rates for particular customers. In addition, MAC calculates their own cost when developing user rates for ASIF aircraft due to their unique airlift role.

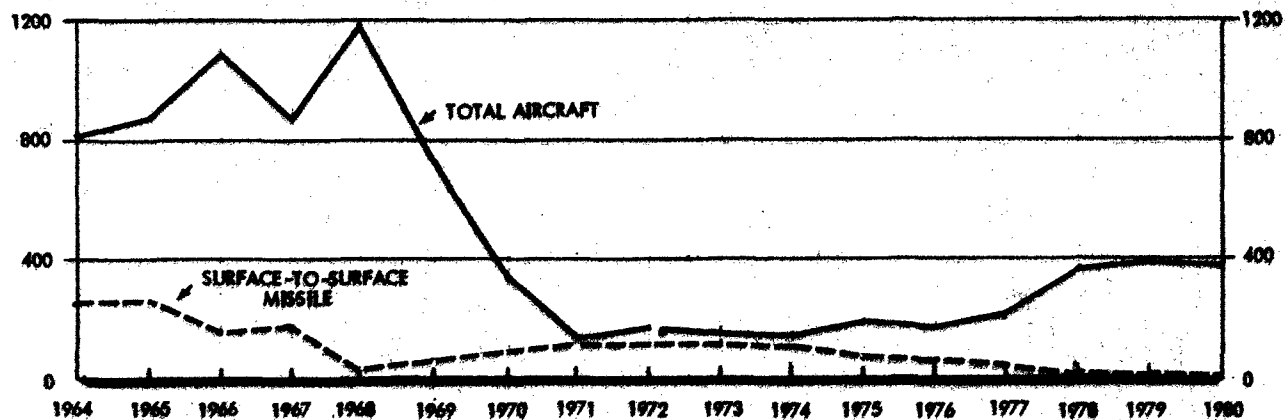
## USAF PROCUREMENT PROGRAMS BY FISCAL YEAR FUNDING

### MISSILES

	FY 1964	1968	1970	1971	1972	1973	1974	1975	1976	1977	1977	1978	1979	1980
SURFACE TO SURFACE	250	23	100	120	120	120	115	61	50	-	40	-	-	-
AIR TO SURFACE	5,580	3,695	300	401	2,765	4,080	4,154	5,870	7,120	230	1,275	855	624	225
AIR TO AIR	3,000	1,775	1,200	-	-	50	75	300	1,330	-	1,880	3,600	4,000	3,370
TOTAL MISSILES	8,830	5,493	1,600	521	2,885	4,250	4,344	6,231	8,500	230	3,215	4,455	4,624	3,595

### AIRCRAFT

BOMBER	-	24	-	-	-	-	-	-	-	-	3 <sup>1</sup>	-	-	-
ATTACK/FIGHTER	327	451	230	124	145	114	122	187	161	44	208	346	379	379
RECON/ELECTRONIC	98	64	-	12	12	-	-	6	4	-	6	3	3	5
CARGO/TRANSPORT	123	40	41	9	13	37	42	-	16	-	-	8	8	-
TANKER/CARGO	13	-	-	-	-	-	-	-	-	-	-	-	2	4
RESCUE (FIXED WING)	15	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAINER	202	272	38	4	7	8	-	-	-	-	-	-	-	-
UTILITY	-	-	-	-	-	-	-	-	-	-	2	-	-	-
OBSERVATION	-	301	-	-	-	-	-	-	-	-	-	-	-	-
HELICOPTER	43	38	38	-	-	6	-	-	-	-	-	-	-	-
TOTAL AIRCRAFT	821	1,190	347	149	177	165	164	193	181	44	219	357	392	388



<sup>1</sup> Proposed for reduction. Final Congressional action still pending.

# MAJOR WEAPONS ACQUISITION CURRENT ESTIMATES

## SAR SUMMARY FOR AIRCRAFT SYSTEMS

THEN YEAR \$	TOTAL <sup>1</sup>				QUANTITY	
	PROG	PROG	PROC	FLYAWAY	PROC	R&D
A-10	\$ 4.8B	6.5M	5.9M	5.2M	733	10
E-3A	4.2	122.5	83.7	62.6	31	3
E-4 <sup>2</sup>	0.5	120.5	32.3	30.8	3	1
EF-111A TJS	1.2	27.7	22.1	- <sup>3</sup>	40	2
F-15	13.3	17.8	15.4	12.8	729	20
F-16	15.1	10.8	10.2	8.1	1388	8
					BASE YEAR FLYAWAY	
CONSTANT 79 \$	\$ 4.7B	6.3M	5.6M	4.8M	2.3	(FY 70)
A-10	4.6	136.3	83.0	63.1	33.3	(FY 70)
E-3A	4.6	136.3	83.0	63.1	33.3	(FY 70)
E-4	0.6	147.9	46.8	44.7	30.8	(FY 74)
EF-111A	1.1	26.0	18.4	- <sup>3</sup>	10.6	(FY 73)
F-15	14.7	19.7	16.2	13.4	6.3	(FY 70)
F-16	12.1	8.6	7.9	6.3	4.5	(FY 75)

<sup>1</sup> Includes E-4 Milcon (\$13.8M), and EF-111A O&M (\$104.3M)

<sup>2</sup> Interim NEACP retrofit/mod to advanced configuration not included (Current Estimate \$427.2M).

<sup>3</sup> The EF-111A is the Tactical Jamming System (TJS) modification of the F-111A and not a new acquisition, making a Flyaway cost inappropriate.

## SAR SUMMARY FOR MISSILE & SPACE SYSTEMS

THEN YEAR \$	TOTAL <sup>1</sup>			QUANTITY		
	PROG	PROG	PROC	PROC	R&D	
AIM-7F	.892B		.104M	.103M	8445	50
AIM-9L	.505		.051	.048	9900	63
AGM-65D(IIR)	1.858		.057	.053	32520	35
DSCS III	.849		60.657	56.008	12	2
ALCM <sup>2</sup>	4.457		1.295	.989	3418	24
GLCM	1.703		2.430	2.095	696	5

<sup>1</sup> Includes Mil Con (\$M) ALCM (153.1) GLCM (77.3).

<sup>2</sup> Does not include carrier aircraft equipment.

CONSTANT 79\$					
AIM-7F	.853B		.100M	.098M	
AIM-9L	.483		.048	.046	
AGM-65D(IIR)	1.359		.042	.037	
DSCSIII	.685		48.954	42.402	
ALCM	3.619		1.051	.747	
GLCM	1.265		1.805	1.522	

Constant Dollars - The purchasing power of a dollar of any specific year, past, present, or future.

Base Year Dollars - Constant dollars of a specified program base year, normally the year of the Development Estimate.

Current or Then Year Dollars - Appropriated dollars; reflect the price levels at the time expenditures are actually made; includes estimated inflation for out-years.

Flyaway Cost - Airframe, Propulsion Equipment, Electronics, Armament, Other Installed Government-Furnished Equipment, Nonrecurring Costs, Allowance for Engineering Change Orders.

Procurement Cost - Flyaway Cost plus: Pec. Ground Support Equip, Pec. Trng Equip, Pubs, Tech Data, Contractor Tech Services, Installation and Checkout, Factory Training, Force Mod(Air Force Minuteman Only), and Initial Spares.

Program Acquisition Cost (shown in SAR) - Procurement Cost plus: RDT&E, MILCON.

## INFLATION INDICES (ANNUAL RATES IN PARENTHESIS)

	<u>GNP Deflator *</u>		<u>CPI *</u>		<u>WPI</u>		<u>OSD Procurement</u>		<u>OSD Mil Pers</u>		<u>OSD O&amp;M</u>	
		(%Δ)		(%Δ)		(%Δ)		(%Δ)		(%Δ)		(%Δ)
<b>HISTORICAL</b>												
68	.660	-	.657	-	.594	-	.677	-	.530	-	.677	-
69	.691	4.7	.688	4.8	.613	3.1	.698	3.1	.564	6.4	.698	3.1
70	.730	5.5	.729	5.9	.639	4.2	.726	4.0	.635	12.6	.726	4.0
71	.767	5.1	.767	5.1	.658	3.1	.759	4.5	.684	7.7	.759	4.5
72	.802	4.6	.794	3.6	.683	3.8	.788	3.8	.784	14.6	.788	3.8
73	.837	4.4	.827	4.1	.736	7.8	.821	4.2	.871	11.1	.821	4.2
74	.903	7.8	.900	8.9	.855	16.1	.875	6.6	.934	7.2	.869	5.8
75	1.000	10.8	1.000	11.1	1.000	16.9	1.000	14.3	1.000	7.1	1.000	15.1
76	1.069	6.9	1.071	7.1	1.053	5.3	1.075	7.5	1.052	5.2	1.075	7.5
77	1.100	5.9	1.106	5.4	1.081	4.6	1.111	6.1	1.067	3.3	1.111	6.1
77	1.142	6.6	1.151	5.9	1.125	6.0	1.144	6.1	1.111	5.2	1.164	7.9
78	1.220	6.8	1.233	7.1	1.202	6.8	1.222	6.8	1.187	6.8	1.246	7.0
<b>PREDICTED</b>												
79	1.315	7.8	1.336	8.4	1.305	8.6	1.295	6.0	1.257	5.9	1.325	6.3
80	1.409	7.1	1.428	6.9	1.397	7.1	1.375	6.2	1.338	6.4	1.405	6.0
81	1.510	7.2	1.526	6.8	1.497	7.1	1.452	5.6	1.419	6.1	1.489	6.0
82	1.611	6.7	1.627	6.6	1.593	6.4	1.531	5.4	1.497	5.5	1.572	5.6
83	1.714	6.4	1.731	6.4	1.694	6.3	1.614	5.4	1.573	5.1	1.660	6.0
84	1.870	6.2	1.839	6.2	1.801	6.4	1.701	5.4	1.652	5.0	1.753	5.6
85	1.922	5.6	1.946	5.8	1.903	5.6	1.793	5.4	1.735	5.0	1.852	5.6
86	2.026	5.4	2.057	5.7	2.011	5.7	1.889	5.4	1.822	5.0	1.955	5.6
87	2.135	5.4	2.176	5.8	2.130	5.9	1.991	5.4	1.914	5.0	2.065	5.6
88	2.253	5.5	2.302	5.8	2.259	6.1	2.099	5.4	2.010	5.0	2.180	5.6
89	2.376	5.5	2.437	5.8	2.398	6.2	2.212	5.4	2.111	5.0	2.303	5.6
90	2.506	5.5	2.580	5.9	2.549	6.3	2.332	5.4	2.217	5.0	2.432	5.6

Indices are FY Average.

GNP Deflator, CPI and WPI based on Data Resources, Inc., TRENDLONG 1278 forecast; OSD figures from OASD(C)(Jun 78).

\* CPI for Urban Wage Earners.

## ESTIMATED GROSS NATIONAL PRODUCT AT MARKET PRICES

Billions 1977 US \$

	1965	1970	1971	1972	1973	1974	1975	1976	1977
World	4,630	6,040	6,300	6,630	7,070	7,270	7,280	7,640	7,960
Developed Countries	2,950	3,850	3,990	4,210	4,480	4,490	4,530	4,780	4,960
United States	1,308.4	1,519.6	1,565	1,655.1	1,745.2	1,721.0	1,698.9	1,801.4	1,890.1
Australia	56.5	75.3	79.5	81.9	87.1	89.0	89.4	93.3	93.8
Canada	115.0	144.3	153.9	162.5	174.2	179.8	181.7	190.6	195.0
Japan	265.1	467.9	502.1	546.7	600.3	593.8	608.0	646.3	685.1
Sweden	57.7	70.2	70.7	72.5	75.1	78.1	78.7	79.9	77.9
Switzerland	49.6	59.5	61.9	63.9	65.8	66.8	62.2	61.4	63.1
European Community	1,030	1,300	1,340	1,400	1,470	1,500	1,470	1,540	1,570
Belgium	50.5	63.4	66.0	69.6	74.0	76.9	75.4	77.2	79.1
France	222.2	294.2	309.8	327.8	345.1	355.1	351.6	369.9	381.0
Italy	118.4	158.6	161.2	166.2	177.5	183.5	176.9	186.8	190.6
Netherlands	65.8	84.9	88.6	92.1	97.5	99.8	98.6	103.2	105.8
United Kingdom	195.1	218.6	224.1	229.9	243.7	244.5	240.6	245.7	246.4
West Germany, <sup>2</sup>	344.0	432.3	444.8	459.9	483.4	486.8	474.9	502.0	514.0
Less Developed Countries	625	829	872	926	1,000	1,100	1,020	1,070	1,130
Communist Countries	1,060	1,370	1,440	1,490	1,590	1,670	1,730	1,790	1,870
USSR and Eastern Europe	825	1,060	1,110	1,140	1,200	1,260	1,290	1,350	1,400
USSR	614.5	806.7	837.6	855.0	909	951.8	972.6	1,013.5	1,047.9
Eastern Europe	211	254	269	282	295	309	322	335	348
Bulgaria	13.1	16.9	17.4	18.3	19.0	19.7	21.2	22.0	22.1
Czechoslovakia	43.1	51.0	52.8	54.7	56.5	58.5	60.2	61.2	63.2
East Germany	49.6	58.0	59.2	61.3	63.1	66.2	68.6	70.3	73.1
Hungary	20.3	23.5	24.7	25.3	26.5	27.2	27.9	28.0	29.4
Poland	55.0	66.8	71.6	76.7	82.5	87.3	91.4	95.6	1,005
Romania	29.6	37.8	43.1	45.8	47.3	50.0	52.2	58.1	60.2
Far East									
China	174.3	244.0	260.9	273.0	308.1	319.6	341.5	341.9	372.8
Other									
Yugoslavia	25.5	32.9	35.5	37.2	39.2	42.3	43.8	45.5	48.6

<sup>1</sup>Data for the non-Communist countries were converted from national currencies by using average 1977 Par Rate/Market Rate factors.  
Data for Communist countries were converted at US purchasing power equivalents.  
<sup>2</sup>Including data for West Berlin.

## DEFENSE EXPENDITURES AS A SHARE OF GNP

Percent

	<u>1965</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
<b>OECD<sup>1</sup></b>								
Australia	4.4	3.8	3.5	3.4	3.0	2.7	3.2	3.2
Austria	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.1
Belgium	3.1	2.9	2.8	2.8	2.7	2.7	3.0	3.1
Canada	3.0	2.4	2.3	2.2	2.0	2.0	2.0	2.0
Denmark	2.8	2.4	2.5	2.4	2.1	2.4	2.6	2.5
Finland	1.7	1.5	1.6	1.6	1.6	1.5	1.7	1.6
France	5.2	4.2	4.0	3.9	3.8	3.7	3.9	3.8
Greece	3.5	4.7	4.6	4.4	4.0	4.1	6.3	5.1
Ireland	1.4	1.1	1.2	1.2	1.3	1.4	1.4	1.7
Italy	3.3	2.7	2.9	3.1	3.0	2.9	2.8	2.7
Japan	1.0	0.8	0.9	0.9	0.9	0.9	1.0	0.9
Luxembourg	1.4	0.8	0.8	0.9	0.8	0.9	1.1	1.1
Netherlands	4.0	3.4	3.4	3.3	3.2	3.3	3.5	3.3
New Zealand	2.1	2.0	1.9	1.7	1.6	1.8	1.7	1.8
Norway	3.8	3.5	3.4	3.3	3.2	3.1	3.3	3.2
Portugal	6.0	6.5	6.8	6.3	5.4	6.8	5.0	3.9
Spain	2.7	3.1	3.0	3.0	2.7	2.8	3.0	2.9
Sweden	3.9	3.5	3.5	3.5	3.4	3.3	3.2	3.2
Switzerland	2.6	2.1	2.1	2.0	1.9	1.9	1.9	2.0
Turkey	5.0	4.3	4.4	4.2	4.0	3.8	4.5	5.6
United Kingdom	5.9	4.8	5.0	5.2	4.9	5.1	5.0	5.2
United States <sup>2</sup>	7.9	8.0	6.9	6.2	5.7	5.4	5.4	5.0
West Germany <sup>3</sup>	4.3	3.3	3.3	3.4	3.4	3.6	3.6	3.4
Less Developed Countries	N/A	6.3	6.4	5.9	5.8	5.8	6.1	6.3
OPEC	N/A	4.8	4.8	5.2	5.3	5.8	6.4	7.9
Iran	N/A	7.8	8.3	8.9	8.4	11.8	14.5	12.2
Nigeria	N/A	5.9	4.2	5.2	5.0	3.8	4.6	5.3
Saudi Arabia	N/A	6.3	6.4	6.4	7.2	5.1	5.8	19.4

<sup>1</sup> Except for the United States, data are from the United States Arms Control and Disarmament Agency, based on the ratio of military expenditures to gross national produce (GNP) at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces; including expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

<sup>2</sup> Based on the ratio of military expenditures to GNP in constant 1975 prices.

<sup>3</sup> Including data for West Berlin.

Source: CIA - Handbook of Economic Statistics, 1978.

## ECONOMIC PROFILE: US-USSR, 1977

	<u>UNITED STATES</u>	<u>U S S R</u>
<b>Aggregative data</b>		
<b>Population</b>		
Million persons at midyear	216.8	258.9
Percent change from 1976	0.8	0.9
<b>Gross national product</b>		
Billion 1977 U S \$ <sup>1</sup>	1,890.1	1,047.9 <sup>2</sup>
Percent real growth in 1977	4.9	3.3 <sup>2</sup>
Per capita (1977 U S \$)	8,720	4,050
<b>Industrial production (1970 = 100)</b>		
127	127	145
<b>Industry</b>		
Primary energy (million barrels per day of oil equivalents)	29.7	24.3
Electric power (billion kilowatt-hours)	2,267	1,150
Crude steel (million metric tons)	113.2	147.0
Cement (million metric tons)	73.1	127.0
<b>Trade and international reserves</b>		
Exports <sup>3</sup> (billion U S \$)	120.1 <sup>4</sup>	45.2
Imports <sup>5</sup> (billion U S \$)	156.7	40.9
Trade balance (billion U S \$)	-36.6	4.3
International reserves (billion U S \$)	19.3	12.2
<b>Indicators of living standards</b>		
Grain production (kilograms per capita)	1,210	760
Meat production (kilograms per capita)	117	57
Television receivers in use (units per thousand persons) <sup>6</sup>	618	224 <sup>8</sup>
Radio receivers in use (units per thousand persons) <sup>6</sup>	1,976	240 <sup>8</sup>
Consumer price index (1970 = 100)	156	111 <sup>8</sup>
Telephones in use (units per thousand persons)	716 <sup>7</sup>	86 <sup>8</sup>

<sup>1</sup> Data for the USSR were converted at US purchasing power equivalents.

<sup>2</sup> Data are at factor costs.

<sup>3</sup> Data are f. o. b.

<sup>4</sup> Excluding Department of Defense shipments.

<sup>5</sup> Data are c. i. f.

<sup>6</sup> Data are for 1976.

<sup>7</sup> Data are as of the beginning of the year.

<sup>8</sup> Data are for 1976.

## UNITED STATES: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	1965	1970	1972	1973	1974	1975	1976	1977
<b>Aggregative data</b>									
Gross national product	Billion 1977 US \$	1,308.4	1,519.6	1,655.1	1,745.2	1,721.0	1,698.9	1,801.4	1,890.1
Index of industrial production 1970=100		83	100	110	120	120	109	120	127
Total population (midyear)	Million	194.3	204.9	208.8	210.4	211.9	213.6	215.1	216.8
Labor force <sup>2</sup>	Million	77.2	85.9	89.0	91.0	93.2	94.8	96.9	99.5
<b>Fuels and power</b>									
Primary energy (crude oil equivalents) <sup>3</sup>	Thousand b/d	24,918	30,801	30,911	30,867	30,214	29,788	29,548	29,678
Electric power (gross)	Billion kWh	1,229.6	1,742.7	1,972.2	2,081.2	2,086.3	2,131.0	2,169.7	2,267.4
Hard coal	Million mt	475.3	550.4	536.6	530.1	539.3	576.2	598.1	602.2
Crude oil	Thousand b/d	7,804	9,648	9,512	9,210	8,770	8,375	8,130	8,200
Natural gas <sup>4</sup>	Billion cf	16,039.8	21,920.6	22,531.7	22,647.6	21,600.5	20,108.7	19,952.4	19,900.0
<b>Metals</b>									
Crude steel <sup>4</sup>	Million mt	119.3	119.3	120.8	136.8	132.2	105.8	116.1	113.2
Pig iron	Million mt	82.6	82.8	80.6	91.9	86.6	72.3	78.7	73.8
Iron ore <sup>5</sup>	Million mt	88.8	91.2	76.6	89.1	85.7	80.1	80.5	56.6
Lead <sup>7</sup>	Thousand mt	379	605	625	612	611	577	592	546
<b>Agriculture</b>									
Grain	Million mt	183.5	186.7	228.1	237.2	204.5	248.8	256.3	261.5
Meat <sup>8</sup>	Thousand mt	14,306	22,548	23,303	22,105	23,628	22,999	25,061	25,336
Milk	Thousand mt	56,324	53,268	54,388	52,445	52,414	52,312	54,554	55,773
Fish catch	Thousand mt	2,696	2,776	2,695	2,719	2,744	2,743	3,000	N/A
Cattle (beginning)	Million	109.0	112.4	117.9	121.5	127.7	131.8	128.0	122.9
<b>Manufactured items</b>									
Sulfuric acid (100 percent)	Thousand mt	22,544	26,785	28,289	28,613	29,984	29,367	30,092	31,204
Mineral fertilizer (nutrients) <sup>9</sup>	Thousand mt	11,933	15,789	16,669	17,753	17,117	18,221	19,265	-
Cotton fabrics	Million lm	8,447	5,711	5,181	4,957	4,560	4,326	4,161	3,874
Rayon and acetate fabrics	Million lm	1,792	1,374	1,293	1,208	901	612	684	732
Metalcutting machine tools	Thousand	68.0	49.3	41.8	57.9	69.0	64.3	54.1	N/A
Cement	Million mt	65.1	67.4	74.9	77.6	73.4	61.8	66.2	73.1
Passenger automobiles <sup>10</sup>	Thousand	9,306	6,547	8,824	9,658	7,331	6,713	8,498	9,199
Radio receivers	Million	1,726	44,427	55,311	50,198	43,993	34,516	44,102	52,926
Television receivers	Million	1,028	9,483	13,507	17,367	15,279	10,637	14,131	15,457
Tractors	Thousand	271.8	191.7	218.2	236.9	233.8	232.0	213.2	226.9
<b>Trade</b>									
Railroad freight traffic	Million mt	1,341.7	1,426.3	1,389.1	1,545.5	1,544.0	1,368.5	1,440.7	1,480.5
Motor vehicle freight traffic	Billion mtkm	589.3	675.9	771.0 <sup>*</sup>	828.4	812.0	744.8	836.6	920.0
Imports (c.i.f.) <sup>11</sup>	Million US \$	23,185	42,429	58,862	73,575	107,996	103,389	129,565	156,695
Exports (f.o.b.)	Billion US \$	26,751	42,659	49,199	70,823	97,908	107,130	114,802	120,101

<sup>1</sup> Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kWh; barrels per day, b/d; cubic feet, cf; and linear meters, lm.

<sup>2</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.

<sup>3</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and firewood.

<sup>4</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>5</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>6</sup> Excluding magnetiferous iron ore containing 5 percent or more manganese.

<sup>7</sup> Excluding refined lead produced from imported bullion.

<sup>8</sup> Data are on a carcass weight, bone-in basis and are for beef, veal, pork, mutton, lamb, goat, and poultry.

<sup>9</sup> Data are for "fertilizer years"--in general, the year beginning 1 July.

<sup>10</sup> Factory sales.

<sup>11</sup> Excluding Department of Defense shipments.

## USSR: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	1965	1970	1972	1973	1974	1975	1976	1977
<b>Aggregative data</b>									
Gross national product <sup>2</sup>	Billion 1977 US \$	614.5	806.7	855.0	909.0	951.8	972.6	1,013.5	1,047.9
Index of industrial production	1970=100	74	100	112	119	126	134	139	144
Total population (midyear)	Million	230.9	242.8	247.5	249.7	252.1	254.4	256.7	258.9
Labor force <sup>3</sup>	Million	116.5	125.6	129.8	131.6	133.6	135.8	138.0	140.1
<b>Fuels and power</b>									
Primary energy (crude oil equivalent)	Thousand b/d	13,205	17,019	18,648	19,559	20,758	21,929	23,192	24,315
Electric power (gross)	Billion kWh	506.7	740.9	857.4	914.6	975.8	1,038.6	1,111.4	1,150.0
Hard coal	Million mt	397.6	432.7	451.1	461.2	473.4	485.0	494.0	503.0
Crude oil	Thousand b/d	4,835	6,976	7,875	8,420	9,020	9,630	10,170	10,700
Natural gas <sup>4</sup>	Billion cf	4,508.6	6,990.2	7,818.3	8,345.9	9,201.2	10,216.5	11,321.9	12,218.9
<b>Metals</b>									
Crude steel	Million mt	91.0	115.9	125.6	131.5	136.2	141.3	144.7	147.0
Pig iron	Million mt	66.2	85.9	92.3	95.9	99.9	103.0	105.4	107.0
Iron ore	Million mt	153.4	195.5	208.1	216.1	224.8	232.8	239.1	240.0
Refined copper	Thousand mt	700	1,015	1,150	1,200	1,250	1,320	1,350	1,400
Primary aluminum	Thousand mt	1,000	1,700	1,950	2,100	2,300	2,430	2,500	2,550
Lead	Thousand mt	385	470	500	510	530	540	560	560
<b>Agriculture</b>									
Grains <sup>5</sup>	Million mt	121.1	186.8	168.2	222.5	195.7	140.1	223.5	195.5
Meat <sup>6</sup>	Thousand mt	9,956	12,278	13,633	13,527	14,620	14,968	13,600	14,800
Milk <sup>7</sup>	Thousand mt	72,563	83,016	83,181	88,300	91,760	90,804	89,700	94,800
Fish catch <sup>8</sup>	Thousand mt	5,774	7,828	8,209	9,005	9,622	10,357	10,478	N/A
Cattle (beginning of year)	Million	87.2	95.2	102.4	104.0	106.3	109.1	111.0	110.4
<b>Manufactured items</b>									
Sulfuric acid, (100 percent)	Thousand mt	8,518	12,059	13,685	14,855	16,633	18,645	20,015	21,100
Mineral fertilizer (nutrients)	Thousand mt	7,389	13,099	15,931	17,429	19,352	21,988	22,590	23,540
Cotton fabrics	Million sm	5,499	6,152	6,421	6,578	6,624	6,634	6,779	6,810
Rayon and acetate fabrics	Million sm	769	1,112	1,232	1,305	1,371	1,463	1,550	N/A
Metalcutting machine tools	Thousand	186.1	202.2	211.4	213.8	225.6	231.3	233.0	236.0
Cement	Million mt	72.4	95.3	104.3	109.5	115.1	122.1	124.3	127.0
Tractors	Thousand	354.5	458.5	477.8	499.6	531.1	550.4	562.2	569.0
Passenger automobiles	Thousand	201	344	730	917	1,119	1,201	1,239	1,280
Radio receivers	Thousand	5,160	7,815	8,842	8,615	8,753	8,376	8,456	8,652
Television receivers	Thousand	3,655	6,682	5,980	6,271	6,569	6,960	7,063	7,069
<b>Transportation and trade</b>									
Railroad freight traffic	Million mtkm	2,415.3	2,896.0	3,171.5	3,346.4	3,496.8	3,612.0	3,655.0	3,723.0
Motor vehicle freight traffic	Billion mtkm	143.1	220.8	258.1	283.8	312.5	338.0	355.1	380.0
Imports (f.o.b.)	Million US \$	8,050	11,720	16,104	20,980	24,861	37,070	38,212	40,914
Exports (f.o.b.)	Million US \$	8,166	12,787	15,409	21,332	27,374	33,401	37,269	45,209

<sup>1</sup> Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kWh; barrels per day, b/d; cubic feet, cf; metric ton-kilometers, mtkm, and square meters, sm.

<sup>2</sup> Converted at US purchasing power equivalents.

<sup>3</sup> Data include the armed forces and the unemployed.

<sup>4</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of crude oil equivalent and exclude minor fuels such as peat, shale, and fuelwood.

<sup>5</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>6</sup> Data are for miscellaneous grains including pulses. Measured in bunker weight, that is, gross output from the combine which includes excess moisture unripe and damaged kernels, weed seeds, and other trash. For comparison with US and average discount of 11 percent should be applied.

<sup>7</sup> Data are on a slaughter-weight, bone-in basis and include beef, veal, buffalo, mutton, lamb, goat, horsemeat, rabbit, poultry, game, edible offal, and slaughter fat. Slaughter weight is roughly 3 percent less than carcass weight because it excludes kidney and leaf fat.

<sup>8</sup> Including milk from sheep, goats, and mares.

<sup>9</sup> Including aquatic mammals.

## PRIMARY ENERGY PRODUCTION

THOUSAND BARRELS PER DAY OF OIL EQUIVALENT

	1965	1970	1972	1973	1974	1975	1976	1977
<b>OECD</b>								
United States	24,918	30,801	30,911	30,867	30,214	29,788	29,548	29,678
Canada	2,539	3,709	4,459	4,942	4,893	4,678	4,585	4,774
Japan	1,106	1,028	936	780	866	874	923	959
Norway	255	298	381	403	427	590	721	671
European Community	7,240	7,170	7,400	7,700	7,780	8,160	8,470	8,700
Belgium <sup>2</sup>	274	161	151	129	120	141	154	151
France	1,115	1,026	926	860	875	899	819	829
Italy	423	490	505	502	504	510	522	490
Netherlands	233	648	1,077	1,278	1,503	1,616	1,731	1,576
United Kingdom	2,680	2,346	2,278	2,452	2,290	2,571	2,787	3,330
West Germany	2,521	2,495	2,461	2,476	2,487	2,418	2,456	2,321
<b>Other Countries</b>								
Iran	1,977	3,920	5,317	6,283	6,492	5,815	6,361	6,139
Kuwait	2,451	3,138	3,434	3,171	2,686	2,225	2,291	2,125
Saudi Arabia	2,313	3,929	6,153	7,763	8,717	7,313	8,877	9,543
<b>Communist Countries</b>								
USSR and Eastern Europe	17,600	22,100	24,200	25,300	26,600	28,000	29,400	30,500
USSR	13,205	17,019	18,648	19,559	20,758	21,929	23,192	24,315
Eastern Europe	4,360	5,130	5,590	5,710	5,840	6,040	6,240	6,200
Bulgaria	127	151	126	125	116	129	139	150
Czechoslovakia	753	905	948	916	932	960	943	950
East Germany	1,115	1,171	1,198	1,222	1,235	1,252	1,270	1,174
Hungary	254	277	269	283	280	274	289	293
Poland	1,441	1,758	2,072	2,150	2,219	2,342	2,437	2,496
Romania	666	866	974	1,016	1,054	1,086	1,157	1,137
Far East								
China	3,003	4,560	5,531	5,991	6,300	7,252	7,343	8,237
North Korea	302	393	421	441	532	588	602	N.A.
Other								
Yugoslavia	297	334	378	379	410	419	455	467

<sup>1</sup> Data are not comparable with those presented in previous editions of the Summary because of a revision in the methodology used to convert fuels to oil equivalent. Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale and fuelwood.

<sup>2</sup> Including data for Luxembourg.

## PRIMARY ENERGY CONSUMPTION

THOUSAND BARRELS PER DAY OF OIL EQUIVALENT

	1965	1970	1972	1973	1974	1975	1976
<b>OECD</b>							
United States	24,782	31,577	33,969	35,233	34,292	33,237	35,171
Canada	2,417	3,148	3,662	3,882	3,832	3,902	3,962
Japan	3,179	5,821	6,459	7,068	7,107	6,949	7,209
Norway	267	360	381	408	401	406	428
European Community							
Belgium <sup>2</sup>	751	971	1,043	1,093	1,065	973	1,032
France	2,364	3,080	3,372	3,781	3,669	3,450	3,663
Italy	1,617	2,479	2,664	2,796	2,793	2,669	2,839
Netherlands	735	1,156	1,394	1,468	1,408	1,392	1,526
United Kingdom	3,962	4,358	4,404	4,587	4,394	4,132	4,207
West Germany	3,762	4,798	5,080	5,390	5,266	4,902	5,480
Other Countries							
Iran	135	356	432	520	586	625	N.A.
Kuwait	93	92	115	118	119	122	N.A.
Saudi Arabia	35	90	105	125	145	175	N.A.
<b>Communist Countries</b>							
USSR and Eastern Europe							
USSR	11,603	14,839	16,485	17,230	18,095	18,885	20,003
Eastern Europe							
Bulgaria	262	396	385	426	442	529	547
Czechoslovakia	870	1,134	1,233	1,267	1,306	1,298	1,364
East Germany	1,341	1,481	1,575	1,658	1,712	1,580	1,613
Hungary	359	435	437	476	496	525	535
Poland	1,265	1,635	1,858	1,936	1,938	2,030	2,162
Romania	550	834	962	1,049	1,091	1,113	1,197
Other							
Albania	8	18	21	21	22	22	N.A.
Yugoslavia	343	466	501	592	608	602	652

<sup>1</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent. Data exclude minor fuels such as peat, shale, and fuelwood and include marine bunkers.

<sup>2</sup> Including data for Luxembourg.

<sup>3</sup> Including peat, shale, and fuelwood.

## PRODUCTION OF CRUDE OIL

	Thousand Barrels per Day							
	1965	1970	1972	1973	1974	1975	1976	1977
OECD <sup>2</sup>	9,010	11,500	11,800	11,700	11,200	10,700	10,700	11,300
United States	7,804	9,648	9,512	9,210	8,770	8,375	8,130	8,200
Canada	793	1,305	1,542	1,800	1,695	1,460	1,300	1,320
European Community	309	264	228	209	197	204	431	954
Other Countries								
Abu Dhabi	282	691	1,050	1,305	1,410	1,370	1,585	1,660
Algeria	544	976	1,022	1,070	960	960	990	1,040
Gabon	25	104	118	150	200	225	225	230
Indonesia	501	855	1,056	1,340	1,375	1,305	1,505	1,690
Iran	1,895	3,831	5,021	5,860	6,020	5,350	5,885	5,660
Iraq	1,311	1,563	1,446	2,020	1,970	2,260	2,415	2,330
Kuwait <sup>3</sup>	2,362	2,983	3,279	3,020	2,545	2,085	2,145	1,970
Libya	1,238	3,321	2,215	2,175	1,520	1,480	1,935	2,080
Mexico	328	420	441	450	575	715	800	980
Nigeria	263	1,090	1,818	2,055	2,255	1,785	2,070	2,100
Qatar	227	367	484	570	520	440	495	430
Saudi Arabia <sup>3</sup>	2,204	3,789	6,013	7,595	8,480	7,075	8,575	9,200
Venezuela	3,473	3,708	3,220	3,365	2,976	2,345	2,295	2,240
Communist Countries								
USSR and Eastern Europe	5,140	7,300	8,220	8,760	9,370	9,980	10,500	11,000
USSR	4,835	6,976	7,875	8,420	9,020	9,630	10,170	10,700
Eastern Europe	303	327	340	342	348	349	352	349
Bulgaria	5	7	5	4	3	2	2	2
Czechoslovakia	4	4	4	3	3	3	3	2
East Germany	N.A.	1	1	1	1	1	1	1
Hungary	36	39	40	40	40	40	43	44
Poland	7	8	7	8	11	11	9	9
Romania	251	268	283	286	290	292	294	293
Far East								
China <sup>2,4</sup>	219	564	861	1,096	1,315	1,485	1,672	1,806
Other								
Albania	16	30	33	34	35	37	38	38
Cuba	1	3	2	3	2	3	3	3
Yugoslavia	42	57	64	68	69	74	78	80

<sup>1</sup> Unless otherwise indicated, data are for crude oil and exclude natural gas liquids, shale oil, natural gasoline, and synthetic crude oil.

<sup>2</sup> Including shale oil.

<sup>3</sup> Including about one-half of neutral zone production, which amounted to about 470,000 barrels per day in 1976.

<sup>4</sup> Including small quantities of synthetic crude oil.

## CRUDE OIL REFINING CAPACITY

1 JANUARY 1977

		Thousand Barrels per Day	
OECD	43,437.9	Abu Dhabi	15.0
United States	16,848.7	Algeria	122.4
Australia	708.5	Qatar	9.8
Canada	2,129.3	Iran	910.5
Japan	5,670.6	Venezuela	1,445.5
Spain	1,270.6	Nigeria	60.0
European Community	16,810.2	Indonesia	527.7
Belgium	1,267.3	Gabon	20.0
France	3,455.6	Ecuador	96.3
Italy	4,226.2	Other Countries	
Netherlands	1,868.7	Argentina	655.2
United Kingdom	2,911.0	Bahamas	500.0
West Germany	3,081.4	Brazil	1,161.0
OPEC	4,808.4	India	563.5
Saudi Arabia	586.1	Mexico	1,283.5
Kuwait	712.0	Netherlands Antilles	842.0
Libya	134.6	Singapore	917.7
Iraq	168.5	Trinidad and Tobago	461.0
		Virgin Islands	728.0
		Communist Countries	
		USSR and Eastern Europe	10,810.0
		USSR	8,600.0
		Eastern Europe	2,210.0
		Bulgaria	260.0
		Czechoslovakia	400.0
		East Germany	410.0
		Hungary	250.0
		Poland	360.0
		Romania	530.0
		Far East	
		China	1,700.0
		North Korea	20.0
		Other	
		Cuba	125.0
		Yugoslavia	260.0

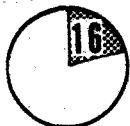
Source: CIA - Handbook of Economic Statics, 1978.

# MINERALS

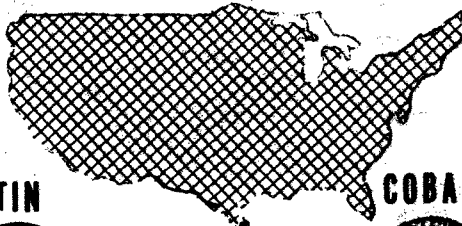
IMPORTS AS A SHARE OF CONSUMPTION, 1977

## UNITED STATES

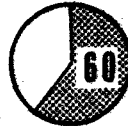
COPPER



BAUXITE



ZINC



CHROMIUM



NICKEL



LEAD



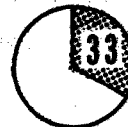
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COBALT



IRON



MANGANESE



PERCENT

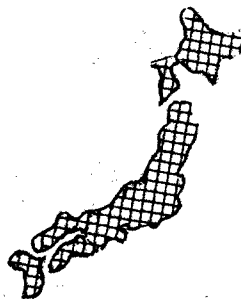
COPPER



BAUXITE



## JAPAN



ZINC



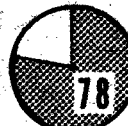
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COBALT



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MANGANESE



PERCENT

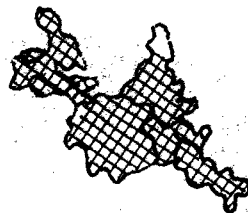
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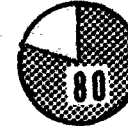
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## EUROPEAN COMMUNITY



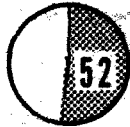
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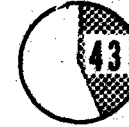
LEAD



TIN



COBALT



IRON



MANGANESE



PERCENT

SYSTEM: A-10

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1970

E.	1	2	3	4	5	6	7	8	
1. PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY70-80)	CHANGES	CURRENT ESTIMATE (FY70-84)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY80)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL	
DEVELOPMENT	\$ 281.9	+\$ 61.1	+\$ 343.0	DEVELOPMENT	\$ 423.0	\$ 18.4	\$ 23.7	\$ -	\$ 465.1A/
CPP	80.7		80.7	CCP	85.0	-	-	-	85.0
FSD	201.2		262.3	FSD	338.0	18.4	23.7	-	380.1
PROCUREMENT	1486.5	+ 464.0	1950.5	PROCUREMENT	2880.8	886.1	590.7	-	4357.6
Airframe	702.0		994.5	CONSTRUCTION	-	-	-	-	-
Engine	363.1		431.1	Total	\$3303.8	\$904.5	\$ 614.4	\$ 0	\$4822.7
Avionics	75.1		178.9						
Armament	66.3		79.2	QUANTITIES					
Peculiar Support	150.6		179.1	DEVELOPMENT	10	-	-	-	10
Initial Spares	129.2		87.7	PROCUREMENT	483	144	106	-	733
CONSTRUCTION	-		-	Total	493	144	106	0	743
Total (FY70\$)	1768.4	+ 525.1	2293.5						
ESCALATION	721.3	+ 1807.9	2529.2						
TOTAL PROG COST	\$2489.7	+ 2333.0	4822.7 (Ch 2)						
2. QUANTITIES									
DEVELOPMENT	14	- 4	10						
PROCUREMENT	729	+ 4	733						
Total	743	0	743						
3. UNIT COSTS									
PROCUREMENT									
Constant FY70\$	\$2.04		\$2.66						
Escalated	\$2.95		\$5.95						
PROGRAM									
Constant FY70\$	\$2.38		\$3.09						
Escalated	\$3.35		\$6.49						

Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY70) at which time the provision for escalation was \$721.3M based on a rate of 4.6% annually through FY 83. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY80, annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.9% extending through FY84. The table below indicates the change to the Current Estimate of \$4822.7 which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-235.8
4%	-115.4
6%	+ 7.6
8%	+133.0

4. APPROVED DESIGN TO COST GOAL: \$1.8M cumulative average unit flyaway cost estimate based on 600 aircraft at a peak rate of 15 per month expressed in FY70 dollars

A/ Included \$15.0M from PE 64201F for standard Inertial Navigation System Development.

SYSTEM: E-3A

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1970

E.	1	2	3	4	5	6	7	8	
1. PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY 70-80)	CHANGES	CURRENT ESTIMATE (FY 70-83)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 80)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL	
DEVELOPMENT	\$ 761.0	+ 417.8	\$1178.8	DEVELOPMENT	\$1358.7	\$ 74.2	\$138.5	\$ -	\$1571.4
PROCUREMENT	1389.9	- 30.4	1359.5	PROCUREMENT	1714.0	332.7	547.6	-	2594.3
Air Vehicle	1096.8		1033.8	CONSTRUCTION	-	-	-	-	-
Peculiar Support	112.4		223.0	Total	\$3072.7	\$406.9	\$686.1	\$ 0	\$4165.7
Initial Spares	180.7		102.7						
CONSTRUCTION	-		-	QUANTITIES					
Total (FY70 \$)	\$2150.9	+\$387.4	\$2538.3	DEVELOPMENT	3	-	-	-	3
ESCALATION	510.7	+1116.7	1627.4	PROCUREMENT	22	3	6	-	31
TOTAL PROG COST	\$2661.6	+\$1504.1	\$4165.7 (Ch 1)	Total	25	3	6	0	34
2. QUANTITIES									
DEVELOPMENT	-	+ 3	3						
PROCUREMENT	42	-11	31						
Total	42	-8	34						
3. UNIT COSTS									
PROCUREMENT									
Constant FY70 \$	\$33.1		\$ 43.9						
Escalated	\$42.5		\$ 83.7						
PROGRAM									
Constant FY70 \$	\$51.2		\$ 74.7						
Escalated	\$63.4		\$122.5						

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 70) at which time the provision for escalation was \$510.7M based on a rate of 4.25% annually through FY 80. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.7% extending through FY 87. The table below indicates the change to the Current Estimate of \$4165.7 which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-141.2
4%	- 67.2
6%	+ 9.7
8%	+ 89.3

SAR 2

SYSTEM: E-4

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1974

1.	1	2	3	4	5	6	7	8
PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY73-78)	CHANGES	CURRENT ESTIMATE (FY73-81)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY80)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL
DEVELOPMENT	\$158.8	+\$138.6	\$297.4	DEVELOPMENT	\$337.0	\$24.5	\$ 3.9	\$365.4 B/
PROCUREMENT	255.0	- 158.1	96.9	PROCUREMENT	96.9	-	-	96.9
Weapon System	246.1		96.9	CONSTRUCTION	19.7	-	-	19.7
Flyaway	237.4		92.5	Total	\$453.6	\$24.5	\$ 3.9	\$482.0 A/
Peculiar Support	8.7		4.4					
Initial Spares	8.9		-0-	QUANTITIES				
CONSTRUCTION	29.1	- 15.3	13.8	DEVELOPMENT	1	-	-	1
Total (FY74\$)	442.9	- 34.8	408.1	PROCUREMENT	3	0	0	3
				Total	4	0	0	4
ESCALATION	41.4	+ 32.5	73.9					
TOTAL PROG COST A/	\$484.3	- 2.3	\$482.0 (Ch 3)					
2. QUANTITIES								
DEVELOPMENT	1	-	1					
PROCUREMENT	6	-3	3					
Total	7	-3	4					
3. UNIT COSTS								
PROCUREMENT								
Constant FY74\$	\$ 42.5		\$ 32.3					
Escalated	\$ 47.4		\$ 32.3					
PROGRAM								
Constant	\$ 63.3		\$ 102.0					
Escalated	\$ 69.2		\$ 120.5					

Estimates

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 74) at which time the provision for escalation was \$41.4M based on a rate of 5.3% annually through FY 80. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, annual escalation rate of 6.3% for RDT&E is assumed, with an average annual escalation rate of 6.1% extending through FY 84. The table below indicates the change to the Current Estimate of \$482.0M which would result from other rate assumptions.

Escalation Rate	\$Millions
4%	-1.2
6%	-0.1
8%	+1.1
10%	+2.3

A/ Interim NEACP retrofit/modification to advanced configuration is not included (Current Estimate \$427.2M).

B/ OSD has approved additional continuing funds for development and study of future block efforts as follows: FY77 & P: \$3.9M; FY80: \$1.0M; FY81: \$5.0M; FY82: \$4.2M; FY83: \$4.0M; FY84: \$4.0M.

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1973

SYSTEM: EF-111A TJS

PROGRAM COST SECTION  
(Dollars in Millions)

PROGRAM ACQUISITION COST	1	2	3	4	5	6	7	8
	DEVELOPMENT ESTIMATE (FY73-81)	CHANGES	CURRENT ESTIMATE (FY73-83)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY80)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 84.3	+\$40.3	\$124.6	DEVELOPMENT	\$147.4	\$7.0	\$17.8	\$172.2
PROCUREMENT	294.5	+183.5	478.0	PROCUREMENT	201.6	65.0	629.5	886.1A/
Aircraft Mod	243.4		425.6	CONSTRUCTION	-	-	-	-
Kits	197.7		360.0	O&M	4.4	7.9	92.0	104.3A/
Data	5.5		26.3	Total	\$353.4	\$69.9	\$739.3	\$1162.6
Support Equip	21.9		30.7					
Training	18.3		8.6	QUANTITIES				
Initial Spares	51.1		52.4	DEVELOPMENT	1	0	1	2
CONSTRUCTION	-		-	PROCUREMENT	5	1	34	40
Total Proc Acq Cost (FY73\$)	378.8	+223.8	602.6		6	1	35	42
O&M (Kits Inst Only)	34.6	+ 22.9	57.5					
Total (FY73\$)	413.4	+246.7	660.1					
ESCALATION	218.5	+284.0	502.5					
TOTAL PROG COST	\$631.9	+530.7	\$1162.6 (Ch 2)					
QUANTITIES								
DEVELOPMENT	2		2					
PROCUREMENT	40		40					
Total	42		42					
UNIT COSTS								
PROCUREMENT								
Constant FY 73\$	\$ 7.36		\$11.38					
Escalated	\$ 11.48		\$21.10					
PROGRAM								
Constant FY 73\$	\$ 9.84		\$15.71					
Escalated	\$ 15.05		\$27.68					

Estimates

Column 1 reflects the estimate of program cost at the time of Development estimate approval (FY 73), at which time the provision for escalation was \$218.5M based on a rate of 4.7% annually through FY 83. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, annual escalation rates of 6.3% for RDT&E, 6.2% for Procurement, and 6.0% for O&M are assumed, with an average annual escalation rate of 5.7% extending through FY 86. The table below indicates the change to the Current Estimate of \$1162.6M which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-111.8
4%	- 52.6
6%	+ 9.1
8%	+ 73.6

APPROVED DESIGN TO COST GOAL: \$5.4M cumulative average unit flyaway based on 40 aircraft at a peak rate of 2 per month expressed in FY 73 dollars.

A/ Includes funds to retrofit two development aircraft to procurement configuration.

SYSTEM: F-15

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 DECEMBER 1978  
BASE YEAR: FY 1970

E.

1.	2	3	4	5	6	7	8	
PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY70-79)	CHANGES	CURRENT ESTIMATE (FY70-82)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY80)	BALANCE TO COMPLETE FY80 BEYOND FY80	TOTAL
DEVELOPMENT	\$ 1654.9	+ 247.3	\$ 1902.2	DEVELOPMENT	\$ 2894.0	\$ 0.5	\$ 5.8	\$ 2899.5
PROCUREMENT	4333.2	+1197.3	5530.5	PROCUREMENT	8604.1	989.0	1617.3	11204.4
Air Vehicle	3508.3		4586.7	CONSTRUCTION				
Airframe	1679.1		2469.4	Total	\$10898.1	\$ 989.5	\$1676.3	\$13303.9
Engines	832.4		1168.1					
Electronics	866.8		835.2	QUANTITIES				
Armament	117.8		71.0	DEVELOPMENT	20			20
Other	18.2		43.0	PROCUREMENT	729	60	90	729
Peculiar Support	449.2		557.6	Total	595	60	90	745
Initial Spares	375.7		386.2					
CONSTRUCTION								
Total (FY70 \$)	5988.1	+1444.6	7432.7					
ESCALATION	1367.1	+4504.1	5871.2					
TOTAL PROG COST	\$ 7355.2	+5948.7	\$13303.9 (Ch 1)					
QUANTITIES								
DEVELOPMENT	20		20					
PROCUREMENT	729		729					
Total	749		749					
UNIT COSTS								
PROCUREMENT								
Constant FY 70\$	\$5.94		\$ 7.59					
Escalated	\$7.65		\$15.37					
PROGRAM								
Constant FY70\$	\$7.99		\$ 9.92					
Escalated	\$9.82		\$17.76					

Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY70) at which time the provision for escalation was \$1367.1M based on a rate of 4% annually through FY 82. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.7% extending through FY 82. The table below indicates the change to the Current Estimate of \$13303.9M which would result from other rate assumptions.

Escalation Rates	\$ Millions
2%	-399.3
4%	-189.4
6%	+ 27.7
8%	+251.7

FOREIGN MILITARY SALES: Sales to date total 108 for an estimated cost of \$2,569.0M, including: 4 RDT&E and 21 production aircraft to Israel @ \$556.0M; 8 to Japan @ \$140.0M; 60 to Saudi Arabia @ \$1517.2M; and 15 additional to Israel @ \$355.2M.

SYSTEM: F-16

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1975

1. (U)	2	3	4	5	6	7	8	
PROGRAM ACQUISITIONS COST	DEVELOPMENT ESTIMATE (FY75-82)	CHANGES	CURRENT ESTIMATE (FY75-86)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY80)	BALANCE TO COMPLETE FY80 BEYOND FY80	TOTAL
DEVELOPMENT	\$ 578.6	+\$ 181.3	\$ 759.9	DEVELOPMENT	\$ 852.5	\$ 27.8	\$ 56.3	\$ 936.6
PROCUREMENT	3798.2	3999.7	7797.9	PROCUREMENT	3289.3	1671.8	7044.1	14156.2
Airframe	1375.4		2096.8	CONSTRUCTION				
Engine	911.3		1664.4	Total	\$4867.8	\$1699.6	\$7100.4	\$15092.8
Electronics	539.6		1182.5					
Armament	171.6		259.8	QUANTITIES				
Sys/Project Mgt	33.8		171.4	DEVELOPMENT	8			8
Peculiar Support	435.2		1048.1	PROCUREMENT	250	175	720	1398
Initial Spares	331.3		574.9	Total	258	175	720	1396
CONSTRUCTION								
Total (FY75\$)	\$4376.8	+\$4181.0	\$8557.8					
ESCALATION	1677.7	+ 4857.3	6535.0					
TOTAL PROG COST	\$6054.5	+\$9038.3	\$15092.8 (Ch 4)					
QUANTITIES								
DEVELOPMENT	8		8					
PROCUREMENT	650	+ 738	1388					
Total	658	+ 738	1396					
UNIT COSTS								
PROCUREMENT								
Constant FY75\$	\$ 5.84		\$ 5.62					
Escalated	\$ 8.30		\$ 10.20					
PROGRAM								
Constant FY75\$	\$ 6.65		\$ 6.13					
Escalated	\$ 9.20		\$ 10.81					

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY75) at which time the provision for escalation was \$1677.7M based on a rate of 5.2% annually through FY86. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY80, annual escalation rates of 6.3% for RDT&E and 6.7% for Procurement as assumed, with an average annual escalation rate of 5.6% extending through FY91. The table below indicates the change to the Current Estimate of \$15092.8M which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	- 1984.0
4%	- 940.9
6%	+ 201.6
8%	+ 1442.1

SYSTEM: IIR MAVERICK (AGM-65D)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1975

**PROGRAM COST SECTION**  
(Dollars in Millions)

E.	1	2	3	4	5	6	7	8	
	DEVELOPMENT ESTIMATE	CHANGES	CURRENT ESTIMATE	CURRENT & FUNDING PRIOR YRS	BUDGET YEAR	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL	
1. ACQUISITION COST	(FY75-86)		(FY75-87)		(FY80)				
DEVELOPMENT	\$ 100.0	+\$ 2.5	102.5	DEVELOPMENT	\$58.3	\$50.5	\$ 39.6	\$ -	\$ 148.4
PROCUREMENT	895.1	+ 3.4	898.5	PROCUREMENT	-	-	995.3	714.4	1709.7
Air Vehicle	792.1		794.7	CONSTRUCTION	-	-	-	-	-
Peculiar Support	99.1		92.5	Total	\$58.3	\$50.5	\$1034.9	\$714.4	\$1858.1
Initial Spares	3.9		11.3						
CONSTRUCTION	-		-	QUANTITIES					
Total (FY75\$)	995.1	+ 5.9	1001.0	DEVELOPMENT	-	-	35	-	35
ESCALATION	597.8	+259.3	857.1	PROCUREMENT	-	-	16120	16400	32520
TOTAL PROG COST	\$1592.9	+\$265.2	1858.1 (Ch 2)	Total	0	0	16155	16400	32555

2. QUANTITIES

DEVELOPMENT	35		35
PROCUREMENT	31078	+1442	32520
Total	31113	+1442	32555

3. UNIT COSTS

PROCUREMENT			
Constant FY75\$	\$ .0288		\$ .0276
Escalated	\$ .0469		\$ .0526
PROGRAM			
Constant FY75\$	\$ .0320		\$ .0307
Escalated	\$ .0512		\$ .0571

Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY75) at which time the provision for escalation was \$597.8M based on a rate of 5.9% annually through FY90. The Current Estimate, Column 3, includes adjustments for program changes. For FY80 annual escalation rates of 6.3% for Development and 6.2% for Procurement is assumed with an average annual escalation rate of 5.5% extending through FY93. The table below indicates the change to the Current Estimate of \$1858.1M which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-339.5
4%	-157.8
6%	+ 46.5
8%	+275.8

4. APPROVED DESIGN TO COST GOAL: \$.0324 average unit flyaway cost, in constant FY75\$, based on 14,740 missiles at peak production rate of 500 missiles per month.

SYSTEM: AGM-88

**PROGRAM COST SECTION**  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1978

E.	1	2	3	4	5	6	7	8	
	DEVELOPMENT ESTIMATE	CHANGES	CURRENT ESTIMATE	CURRENT & FUNDING PRIOR YRS	BUDGET YEAR	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL	
1. (U) ACQUISITION COST	(FY77-87)		(FY77-87)		(FY80)				
DEVELOPMENT	\$ 10.3	+\$ 4.0	\$ 14.3	DEVELOPMENT	\$ 6.1	\$ 0.8	\$ 9.5	\$ -	\$ 16.4
PROCUREMENT	693.7	+ 103.3	797.0	PROCUREMENT	-	-	628.2	624.2	1252.4
Air Vehicle	654.1		724.1	CONSTRUCTION	-	-	-	-	-
Peculiar Support	26.2		46.9	Total	\$ 6.1	\$ 0.8	\$637.7	\$624.2	\$1268.8
Initial Spares	13.4		26.0						
CONSTRUCTION	-		-	QUANTITIES					
Total (FY78 \$)	704.1	+ 107.3	811.3	DEVELOPMENT	-	-	3762	4206	7968
ESCALATION	348.0	+ 109.5	457.5	PROCUREMENT	-	-	-	-	-
TOTAL PROG COST	\$1052.0	+\$216.8	\$1268.8	Total	0	0	3762	4206	7968

2. (U) UNITS ACCEPTED TO DATE

	PLAN	ACTUAL
DEVELOPMENT	0	0
PROCUREMENT	0	0

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY 78) at which time the provision for escalation was \$348.3M based on a rate of 5.6% annually through FY 92. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, an annual escalation rate of 6.0% for RDT&E is assumed, with an average annual escalation rate of 5.5% extending through FY 92. The table below indicates the change to the Current Estimate of \$1,268.8 which would result from other rate assumptions.

Escalation Rate	\$ Millions
2%	-257.3
4%	-118.5
6%	+ 36.6
8%	+211.0

SYSTEM: AIM-7F/M

PROGRAM COST SECTION\*  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1968

1. PROGRAM ACQUISITION COST	2		3		4	5	6		7	8
	1	2	3	4			5	6		
	DEVELOPMENT ESTIMATE (FY68-74)	CHANGES	CURRENT ESTIMATE (FY68-84)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY80)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL	
DEVELOPMENT	\$ -	+\$ 12.7	\$ 12.7	DEVELOPMENT	\$ 13.2	\$ 0.7	\$ 2.7	\$ -	\$ 16.6	
PROCUREMENT	206.8	+ 242.5	449.3	PROCUREMENT	476.6	144.6	254.6	-	875.8	
Air Vehicle	201.7		439.0	CONSTRUCTION	-	-	-	-	-	
Peculiar Support	4.2		8.2	Total	\$ 489.8	\$ 145.3	\$ 257.3	\$ 0	\$ 892.4	
Initial Spares	0.9		2.1							
CONSTRUCTION	-	-	-	QUANTITIES						
				DEVELOPMENT	50	-	-	-	50	
Total (FY68\$)	206.8	+ 255.2	462.0	PROCUREMENT	4725	1320	2400	-	8445	
				Total	4775	1320	2400	0	8495	
ESCALATION	47.3	+ 383.1	430.4							
TOTAL PROG COST	\$ 254.1	+\$ 638.3	\$ 892.4 (Ch1)							

Estimates

Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY68) at which time the provision for escalation was \$47.3M based on a rate of 4% annually through FY 78. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.7% extending through FY 89. The table below indicates the change to the Current Estimate of \$892.4M which would result from other rate assumptions.

2. QUANTITIES DEVELOPMENT	-	+ 50	50
PROCUREMENT	4900	+ 3545	8445
Total	4900	+ 3595	8495
3. UNIT COSTS PROCUREMENT			
Constant FY68\$	\$ .042		\$ .053
Escalated	\$ .052		\$ .104
PROGRAM			
Constant FY68\$	\$ .042		\$ .054
Escalated	\$ .052		\$ .105

Escalation Rate \$ Millions

4. FOREIGN MILITARY SALES: Sales of support equipment and repair parts to Israel for an estimated cost of \$458,444. Saudi Arabia LOA has been signed for 909 AIM-7F missiles plus spares and support equipment at an estimated value of \$101,465,000.	2%	- 54.1
	4%	- 25.1
	6%	+ 5.0
	8%	+ 37.0

\* This section reports Air Force Program as contained in PE 27161F, TAC AIM Missiles. FY77 and prior years for USN are contained in PE64354N/25668N. USAF/USN development funds for FY78 (\$18.9M) are contained in PE63316F/AMRAAM; FY79 (\$15.7M) and FY80 (\$11.9M) funds are contained in PE64305N.

UNITS ACCEPTED TO DATE PLAN ACTUAL

Development	50	50
Procurement	1313	1323

SYSTEM: AIM-9L

PROGRAM COST SECTION\*  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1971

1. PROGRAM ACQUISITION COST	2		3		4	5	6		7	8
	1	2	3	4			5	6		
	DEVELOPMENT ESTIMATE (FY71-77)	CHANGES	CURRENT ESTIMATE (FY71-83)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 80)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL	
DEVELOPMENT	\$ 6.8	+\$ 13.9	\$ 20.7	DEVELOPMENT	\$ 24.1	\$ 0.4	\$ 0.5	\$ -	\$ 25.0	
PROCUREMENT	108.2	169.0	277.2	PROCUREMENT	303.9	86.9	89.1	-	479.9	
Air Vehicle	93.8		253.3	CONSTRUCTION	-	-	-	-	-	
Peculiar Support	11.0		22.0	Total	\$ 328.0	\$ 87.3	\$ 89.6	\$ 0	\$ 504.9	
Initial Spares	3.4		1.9							
CONSTRUCTION	-	-	-	QUANTITIES						
				DEVELOPMENT	63	-	-	-	63	
Total (FY71 \$)	115.0	+182.9	297.9	PROCUREMENT	6510	2050	1340	-	9900	
				Total	6573	2050	1340	0	9963	
ESCALATION	18.7	+188.3	207.0							
TOTAL PROG COST	\$133.7	+371.2	504.9 (Ch 1)							

Estimates

Column 1 reflects the estimate of program costs at the time of Development Estimate approval (FY 71) at which time the provision for escalation was \$18.7M based on a rate of 4% annually through FY 81. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY 80, annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.7% extending through FY 87. The table below indicates the change to the Current Estimate of \$504.9M which would result from other rate assumptions.

2. QUANTITIES DEVELOPMENT	15	+ 48	63
PROCUREMENT	5709	+4191	9900
Total	5724	+4239	9963
3. UNIT COSTS PROCUREMENT			
Constant FY71	\$ .019		\$ .028
Escalated	\$ .022		\$ .048
PROGRAM			
Constant FY71	\$ .020		\$ .030
Escalated	\$ .023		\$ .051

Escalation Rate \$ Millions

UNITS ACCEPTED TO DATE	PLAN	ACTUAL	
Development	63	63	2%
			4%
			6%
Procurement	615	512	8%

\* This cost section reports Air Force Program only.

SAR 6

SYSTEM: ALCM

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1977

1. (U) PROGRAM ACQUISITION COST	1	2	3	DEVELOPMENT PROCUREMENT	4	5	6		7	8
	DEVELOPMENT ESTIMATE (FY 74-85)	CHANGES	CURRENT ESTIMATE (FY 74-87)		FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 80)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 696.1	+\$142.9	\$ 839.0	DEVELOPMENT	\$815.2	\$ 90.0	\$ 20.0	\$ -	\$925.2	
PROCUREMENT A/	2311.6	-70.2	2241.4	PROCUREMENT	198.8	371.2	1773.9	1034.9	3378.8	
Air Vehicle	2094.4		1993.1	CONSTRUCTION	-	14.2	78.7	60.2	153.1	
Peculiar Support	188.6		223.6	Total	\$1014.0	\$475.4	\$1872.6	\$1095.1	\$4457.1	
Initial Spares	28.6		24.7							
CONSTRUCTION	121.4	-31.0	90.4	QUANTITIES						
Total (FY77\$)	3129.1	+41.7	3170.8	DEVELOPMENT						
ESCALATION	1054.9	+231.4	1286.3	AGM-109	7	-	-	-	7	
TOTAL PROG COST	\$4184.0	+\$273.1	\$4457.1	AGM-86	17	-	-	-	17	
				PROCUREMENT	48	225	1920	1225	3418	
				(Ch 2)						
				Total	72	225	1920	1225	3442	

2. (U) QUANTITIES DEVELOPMENT	1	2	3
AGM-109	14	-7	7
AGM-86	21	-4	17
PROCUREMENT	3424	-6	3418
Total	3459	-17	3442

Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY77) at which time the provision for escalation was \$1054.9M based on a rate of 5.9% annually through FY 89. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation. For FY80 annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed with an average escalation rate of 5.6% extending through FY92. The table below indicates the change to the current estimate of \$4457.1 which would result from other rate assumptions.

Escalation Rate	\$Millions
2%	-603.3
4%	-283.7
6%	+ 68.4
8%	+486.4

4. (U) APPROVED DESIGN TO COST GOAL: Not yet established.

A/ (U) Excludes Carrier Aircraft Equipment (CAE).

SYSTEM: GLCM

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1977

1. PROGRAM ACQUISITION COST	1	2	3	DEVELOPMENT PROCUREMENT	4	5	6		7	8
	DEVELOPMENT ESTIMATE (FY 78-86)	CHANGES	CURRENT ESTIMATE (FY 78-87)		FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 80)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 74.8	+\$60.0	\$ 134.8	DEVELOPMENT	\$ 51.7	\$ 44.1	\$ 72.6	\$ -	\$ 168.4	
PROCUREMENT	927.6	+ 1.6	929.2	PROCUREMENT	20.2	25.0	875.9	536.8	1457.9	
Air Vehicle	646.9		566.8	CONSTRUCTION	-	-	58.8	18.5	77.3	
Launch Equip.	131.8		194.7	Total	\$71.9	\$69.1	\$1007.3	\$555.3	\$1703.6	
Peculiar Support	129.0		148.9							
Initial Spares	19.9		18.8	QUANTITIES						
CONSTRUCTION	51.2	- 6.2	45.0	DEVELOPMENT	5	-	-	-	5	
Total (FY 77\$)	\$1053.6	+ 55.4	1109.0	PROCUREMENT	-	0	405	291	696	
ESCALATION	473.6	+121.0	594.6	Total	5	0	405	291	701	
TOTAL PROG COST	\$1527.2	+\$176.4	\$1703.6	(Ch 4)						

2. QUANTITIES DEVELOPMENT	1	2	3
DEVELOPMENT	6	-1	5
PROCUREMENT	696	-	696
Total	702	-1	701

Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY77) at which time the provision for escalation was \$473.6M based on a rate of 5.4% annually through FY90. The Current Estimate, Column 3 includes adjustments for program changes and economic escalation. For FY80 annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.6% extending through FY92. The table below indicates the change to the Current Estimate of \$1703.6 which would result from other rate assumptions.

ESCALATION RATE	\$MILLIONS
2%	-295.7
4%	-138.7
6%	+ 34.9
8%	+226.9

4. APPROVED DESIGN TO COST GOAL: Not yet established

SYSTEM: DSCS III (SPACE SEGMENT)

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1978  
BASE YEAR: FY 1977

1.	PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY76-94)	2 CHANGES	3 CURRENT ESTIMATE (FY76-96)	FUNDING	4 CURRENT & PRIOR YRS	5 BUDGET YEAR (FY80)	6 BALANCE TO COMPLETE FYDP	7 TO COMPLETE BEYOND FYDP	8 TOTAL
	DEVELOPMENT	\$134.3	+\$ 21.1	\$155.4	DEVELOPMENT	\$130.6	\$ 18.2	\$ 18.7	\$ 9.6	\$177.1
	PROCUREMENT	496.8	- 48.1	448.7	PROCUREMENT	44.2	29.0	385.3	213.6	672.1
	Satellites	313.1		408.4	CONSTRUCTION	-	-	-	-	-
	Launch Vehicles	183.7		40.3	Total	\$174.8	\$ 47.2	\$404.0	\$223.2	\$849.2
	CONSTRUCTION	-	-	-	QUANTITIES					
	Total (FY77\$)	631.1	- 27.0	604.1	DEVELOPMENT	2	-	-	-	2
	ESCALATION	262.5	- 17.4	245.1	PROCUREMENT	-	-	8	4	12
	TOTAL PROG COST	\$893.6	-\$ 44.4	\$849.2	Total	2	0	8	4	14

Estimates

2. QUANTITIES										
DEVELOPMENT		2		2	Column 1 reflects the estimate of program cost at the time of Development Estimate Approval (FY 77) at which time the provision for escalation was \$262.5M based on a rate of 5.0% annually through FY 96. The Current Estimate, Column 3, indicates adjustments for program changes and economic escalation different from that initially assumed. For FY 80, annual escalation rates of 6.3% for RDT&E and 6.2% for Procurement are assumed, with an average annual escalation rate of 5.6% extending through FY 96. The table below indicates the change to the Current Estimate of \$849.2M which would result from other rate assumptions.					
PROCUREMENT		12		12						
Total		14		14						
3. UNIT COSTS										
PROCUREMENT										
Constant FY77\$		\$41.4		\$37.4						
Escalated		\$61.8		\$56.0						
PROGRAM										
Constant FY77\$		\$45.1		\$43.2						
Escalated		\$63.8		\$60.7						

4. APPROVED DESIGN TO COST GOAL: \$20M unit production cost goal for 5th and 6th Satellites in Constant FY 77\$.

Escalation Rate	\$ Millions
2%	-115.8
4%	- 54.0
6%	+ 13.8
8%	+ 88.4

SYSTEM: PLSS

PROGRAM COST SECTION  
(Dollars in Millions)

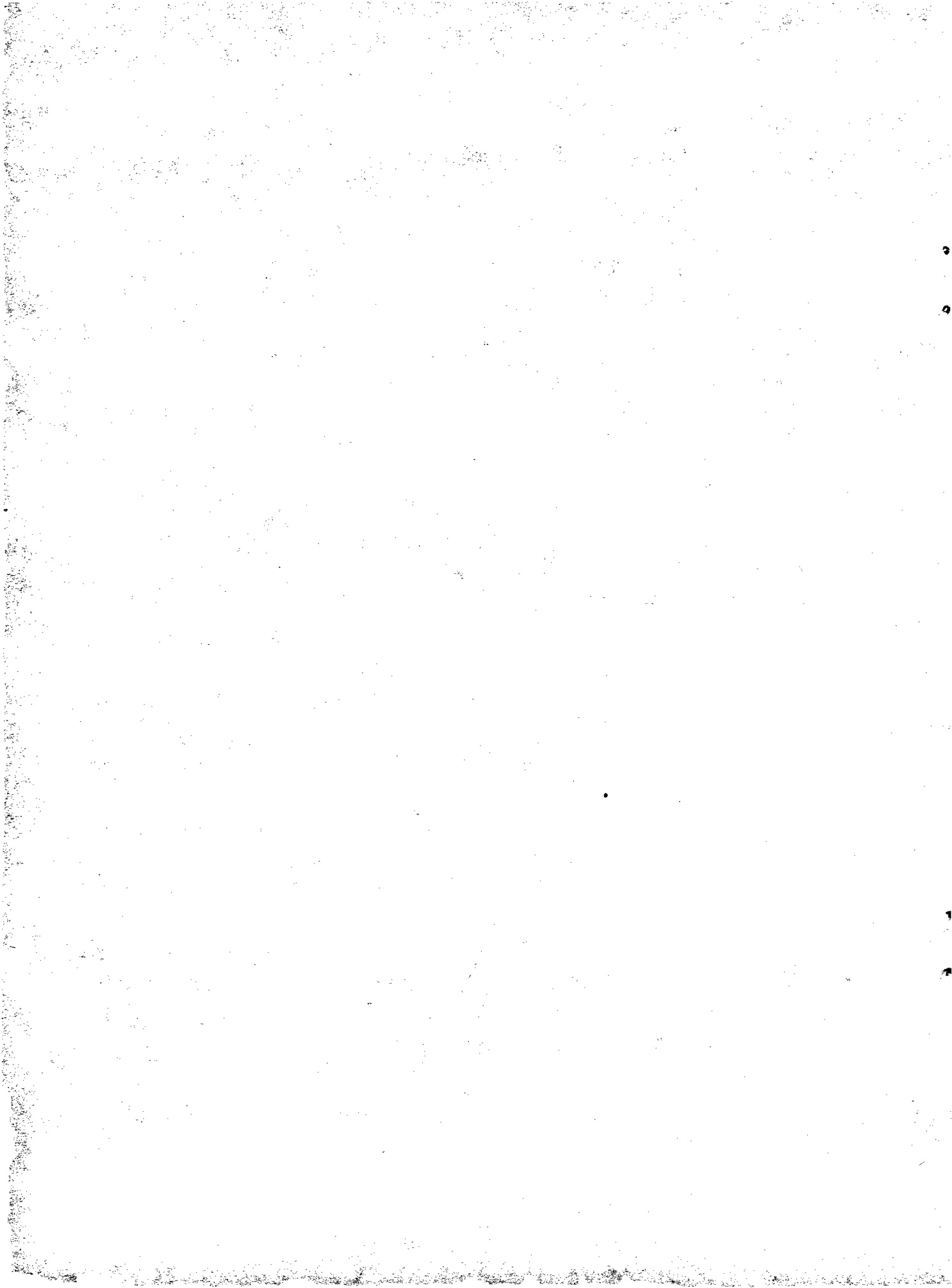
AS OF DATE: 31 December 1978  
BASE YEAR: FY 1977

1.	PROGRAM ACQUISITION COST	1 DEVELOPMENT ESTIMATE (FY77-84)	2 CHANGES	3 CURRENT ESTIMATE (FY77-84)	FUNDING	4 CURRENT & PRIOR YRS	5 BUDGET YEAR (FY80)	6 BALANCE TO COMPLETE FYDP	7 TO COMPLETE BEYOND FYDP	8 TOTAL
	DEVELOPMENT	\$195.4	+\$ 24.2	\$219.6	DEVELOPMENT	\$133.8A/	\$21.8	\$112.5	\$ -	\$268.1 B/
	PROCUREMENT	482.8	- 482.8	-	PROCUREMENT	-	-	-	-	C/
	Airborne Relay Veh	238.4		-	CONSTRUCTION	-	-	-	-	-
	Airborne Eqmt	128.6		-	Total	\$133.8	\$21.8	\$112.5	\$ 0	\$268.1
	Ground Equipment	28.1		-	QUANTITIES					
	Total Flyaway	395.1		-	DEVELOPMENT	-	-	(1)	-	(1)
	Other Wpn Sys Cost	38.4		-	PROCUREMENT	-	-	-	-	-
	Initial Spares	49.3		-	Total	0	0	(1)	0	(1) D/
	CONSTRUCTION	-	-	-						
	Total (FY77 \$)	\$678.2	-\$458.6	\$219.6						

Estimates

ESCALATION		276.3	- 227.8	48.5	Column 1 reflects the estimate of program cost at the time of Development Estimate approval (FY77) at which time the provision for escalation was \$276.3M based on a rate of 4.6% annually through FY87. The Current Estimate, Column 3, includes adjustments for program changes and economic escalation greater than initially assumed. For FY80, an annual escalation rate of 6.3% for RDT&E is assumed, with an average annual escalation rate of 5.9% extending through FY87. The table below indicates the change to the Current Estimate of \$268.1M which would result from other rate assumptions.					
TOTAL PROG COST		\$954.5	-\$686.4	\$268.1 (Ch2)						
2. QUANTITIES										
DEVELOPMENT		(1)	-	(1) D/						
PROCUREMENT		3 E/	-3	0						
Total		3	-3	(1) D/						
3. UNIT COSTS										
DEVELOPMENT										
Constant FY77 \$		\$160.9		\$ 0						
Escalated		\$243.8		\$ 0						
PROGRAM										
Constant FY77 \$		\$226.1		\$219.6						
Escalated		\$318.2		\$268.1						

Escalation Rate	\$ Millions
2%	- 14.8
4%	- 7.4
6%	+ .4
8%	+ 8.4



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 McHugh, Mathew F. (NY)  
 Ginn, Bo (GA)  
 Lehman, William (FL)  
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Montgomery, G. V. (Sonny)(MS)  
Runnels, Harold (NM)  
Aspin, Les (WI)  
Dellums, Ronald V. (CA)

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Won Pat, Antonio B. (GU)\*  
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Whitehurst, G. William (VA)  
Beard, Robin L. (TN)

• Spence, Floyd (SC)  
Hillis, Elwood (IN)

**SENATE BUDGET COMMITTEE**Democrats

Muskie, Edmond S. (ME) Chairman  
 Magnuson, Warren G. (WA)  
 Hollings, Ernest F. (SC)  
 Chiles, Lawton (FL)  
 Biden, Joseph R. Jr. (DE)  
 Johnston, J. Bennett (LA)

Sasser, James R. (TN)  
 Hart, Gary (CO)  
 Metzenbaum, Howard M. (OH)  
 Riegle, Donald W. Jr. (MI)  
 Moynihan, Daniel Patrick (NY)  
 Exon, J. James (NE)

Republicans

Bellmon, Henry L. (OK)  
 Domenici, Pete V. (NM)  
 Packwood, Bob (OR)  
 Armstrong, William L. (CO)

Kassebaum, Nancy Landon (KS)  
 Boschwitz, Rudolph E. (MN)  
 Hatch, Orrin G. (UT)  
 Pressler, Larry (SD)

**HOUSE BUDGET COMMITTEE**Democrats

Giaimo, Robert N. (CT) Chairman  
 Wright, Jim (TX)  
 Ashley, Thomas L. (OH)  
 Stokes, Louis (OH)  
 Holtzman, Elizabeth (NY)  
 Obey, David R. (WI)  
 Simon, Paul (IL)  
 Mineta, Norman Y. (CA)

Mattox, Jim (TX)  
 Jones, James R. (OK)  
 Solarz, Stephen J. (NY)  
 Brodhead, William M. (MI)  
 Wirth, Timothy E. (CO)  
 Penetta, Leon E. (CA)  
 Gephardt, Richard A. (MO)  
 Nelson, Bill (FL)  
 Gray, William H. III (PA)

Republicans

Latta, Delbert L. (OH)  
 Broyhill, James T. (NC)  
 Conable, Barber B. Jr. (NY)  
 Holt, Marjorie S. (MD)

Regula, Ralph S. (OH)  
 Shuster, Bud (PA)  
 Frenzel, Bill (MN)  
 Rudd, Eldon (AZ)

**TASK FORCE ON DEFENSE AND INTERNATIONAL AFFAIRS**Democrats

Mattox, Jim (TX) Chairman  
 Giaimo, Robert N. (CT)  
 Wright, Jim (TX)  
 Holtzman, Elizabeth (NY)  
 Simon, Paul (IL)

Jones, James R. (OK)  
 Brodhead, William M. (MI)  
 Solarz, Stephen J. (NY)  
 Gray, William H. III (PA)

Republicans

Latta, Delbert L. (OH)  
 Holt, Marjorie S. (MD)  
 Regula, Ralph S. (OH)

Shuster, Bud (PA)  
 Rudd, Eldon (AZ)





**CHIEF OF STAFF**  
GENERAL ALLEN

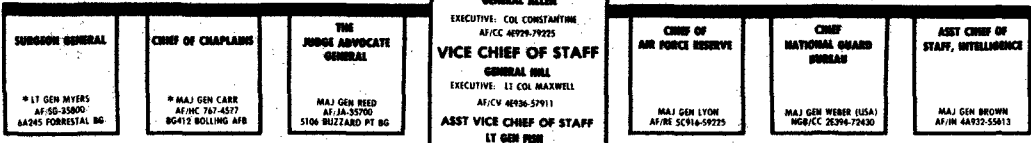
EXECUTIVE: COL CONSTANTINE  
AF/CC 4629-7925

**VICE CHIEF OF STAFF**  
GENERAL HILL

EXECUTIVE: LT COL MAXWELL  
AF/VCV 4636-57913

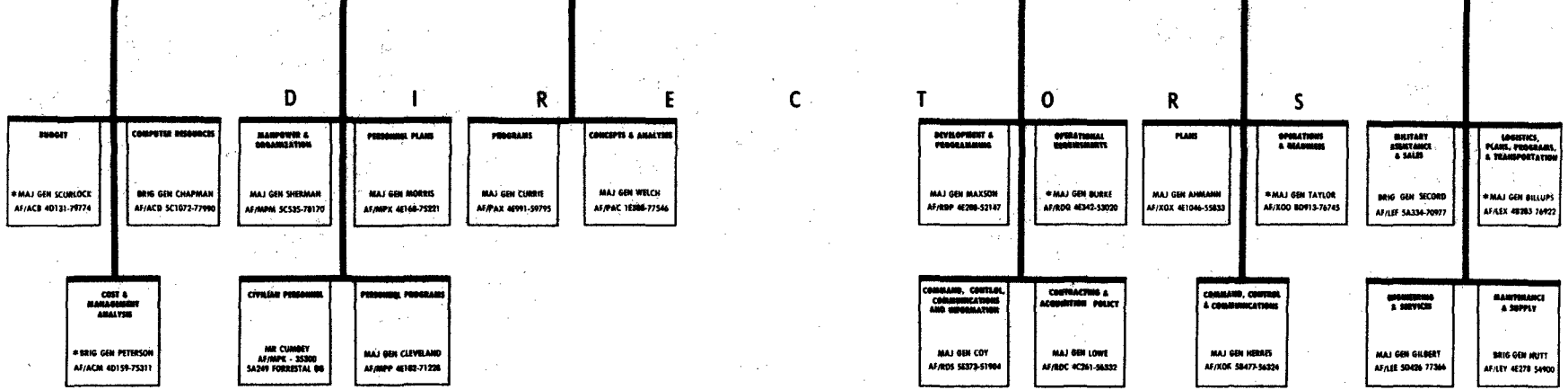
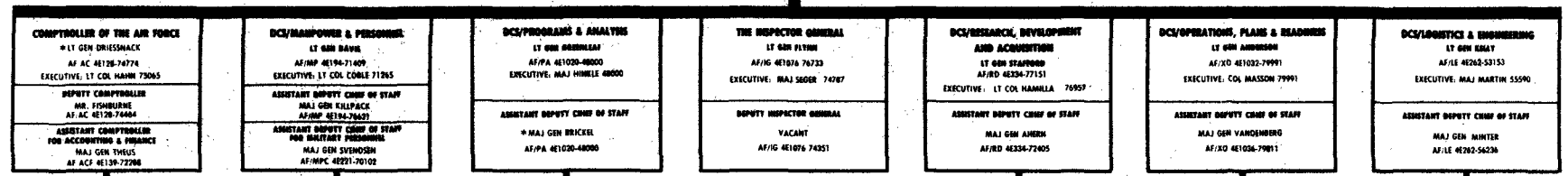
**ASST VICE CHIEF OF STAFF**  
LT GEN FISH

\* EXECUTIVE: LT COL HEENEY  
AF/CVA 4636-57913



**CHIEF MASTER SERGEANT OF THE AIR FORCE**  
CMS GAYLOR AF/CM5 401100-70849

**CHIEF SCIENTIST**  
DR. NARA  
AF/CCN 4E320-77842



**1947 ADMINISTRATIVE SUPPORT GROUP**  
\* COL CRAMER  
AS/CC 5A264 70135 AF/DA

## USAF MAJCOMs & SOAs (Major Organizational Commanders)

### ALASKAN AIR COMMAND

Commander Lt Gen W. W. Scott

### AEROSPACE DEFENSE COMMAND

Commander Gen James E. Hill 23rd NORAD/ADCOM Region Brig Gen E. L. Ellis  
Air Defense Weapons Center \*Brig Gen William E. Brown, Jr. 24th NORAD/ADCOM Region Maj Gen Walter H. Baxter, III  
20th NORAD/ADCOM Region Brig Gen Edward L. Tixier 25th NORAD/ADCOM Region Brig Gen E. A. Kees, Jr.  
21st NORAD/ADCOM Region Brig Gen Carl S. Miller 26th NORAD/ADCOM Region Brig Gen James S. Creedon  
22nd NORAD/ADCOM Region Brig Gen Robert E. Buhrow  
\*Maj Gen Selectee

### AIR FORCE AUDIT AGENCY

Auditor General/Commander \*Brig Gen J. B. Dodds Assistant Auditor General Col M. E. Banaszak  
Deputy Auditor General Mr. T. D. Boyd (HQ USAF)  
\*Maj Gen Selectee

### AIR FORCE ACCOUNTING AND FINANCE CENTER

Director Accounting and Deputy Director Mr. C. P. Peterson  
Finance/Commander Maj Gen L. Theus Assistant Director(HQ USAF) Lt Col V. Mikus

### AIR FORCE COMMUNICATIONS SERVICE

Commander Maj Gen Robert E. Sadler European Communication Area \*Col Gerald Prather  
Pacific Communication Area Brig Gen David E. Rippetoe Northern Communication Area Brig Gen C. B. Jiggetts  
Tactical Communication Area Col J. P. Hyde Southern Communication Area \*Col Richard W. Pryor  
Strategic Communication Area Brig Gen J. T. Randerson  
\*Brig Gen Selectee

### AIR FORCE INSPECTION AND SAFETY CENTER

Commander Maj Gen Robert W. Bazley

### AIR FORCE LOGISTICS COMMAND

Commander Gen Bryce Poe II Sacramento ALC Maj Gen Richard E. Merkling  
Ogden Air Logistics Center(ALC) Maj Gen John J. Murphy San Antonio ALC Maj Gen L. E. Clark  
Oklahoma City ALC Maj Gen C. E. Fox Warner Robins ALC Maj Gen J. R. Spalding, Jr.

### AIR FORCE MILITARY PERSONNEL CENTER

Commander Maj Gen Leroy W. Svendsen, Jr.

## USAF MAJCOMs & SOAs (Major Organizational Commanders) (Continued)

### AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS

Commander Col F. A. Singhoff

### AIR FORCE SYSTEMS COMMAND

Commander  
Aeronautical Systems Division  
Electronics Systems Division  
Space and Missile Systems  
Organization  
Aerospace Medical Division  
Space & Missile Test Center  
Air Force Flight Test Center

Gen Alton D. Slay  
\*Lt Gen G. H. Sylvester  
Lt Gen R. T. Marsh  
  
Lt Gen R. C. Henry  
Brig Gen R. G. McIver  
\*\*Brig Gen J. H. Marshall  
\*\*Brig Gen P. J. Conley, Jr.

Air Force Contract Management  
Division  
Foreign Technology Division  
Arnold Engrg Development Center  
Armament Development & Test  
Center  
Air Force Civl Engrg Center

Brig Gen M. W. Baker  
Col H. E. Wright  
Col O. H. Tallman, II  
  
Maj Gen R. M. Bond  
Col R. M. Iten

\* Eff 1 Mar will be LG Skantze  
\*\*Maj Gen Selectee

### AIR FORCE COMMISSARY SERVICE

Commander Maj Gen C. E. Woods

### AIR FORCE TEST AND EVALUATION CENTER

Commander Maj Gen H. W. Leaf

### AIR FORCE RESERVE

Commander Maj Gen W. Lyon

### AIR RESERVE PERSONNEL CENTER

Commander Col Frank Hardee

### AIR TRAINING COMMAND

Commander  
AF Military Training Center  
USAF Recruiting Services  
Chanute TTC  
Keesler TTC  
Sheppard TTC  
Lowry TTC

\*Gen J. W. Roberts  
Maj Gen A. P. Iosue  
\*\*Brig Gen W. P. Acker  
Maj Gen E. W. Robertson II  
Maj Gen John S. Pustay  
Maj Gen C. L. Donnelly, Jr.  
\*\*Brig Gen W. W. Hoover

Air University  
Air War College  
AF Institute of Technology  
Air Command Staff College  
AF Reserve Officers Training  
Corps  
Squadron Officers School

Lt Gen R. B. Furlong  
Maj Gen R. H. Schorneman  
Maj Gen G. E. Cooke  
Brig Gen S. C. Beck

\*\*Brig Gen David B. Eason  
Col Christian F. Dreyer, Jr.

\*Retires 1 Apr.  
\*\*Maj Gen Selectee

\*\*Maj Gen Selectee

# USAF MAJCOMs & SOAs (Major Organizational Commanders)

(Continued)

## MILITARY AIRLIFT COMMAND

Commander	Gen W. G. Moore, Jr.	Air Weather Service	*Col A. J. Kaehn, Jr.
21st Air Force	Maj Gen T. M. Sadler	Aerospace Audio-Visual Service	Col T. N. Mace
22nd Air Force	Maj Gen C. F. G. Kuyk, Jr.	76th Airlift Wing	Maj Gen B. F. Starr, Jr.
Aerospace Rescue and Recovery Service	Maj Gen R. S. Saunders		*Brig Gen Selectee

## PACIFIC AIR FORCES

Commander	Lt Gen J. D. Hughes	313th Air Division	Brig Gen J. R. Brown
5th Air Force	Lt Gen G. G. Loving, Jr.	314th Air Division	*Lt Gen C. A. Gabriel (Add'l Duty)
13th Air Force	Maj Gen F. L. Poston	Vice Commander	Maj Gen G. A. Edwards, Jr.
			*Will be Lt Gen E. W. Rosencrans effective 1 Apr 79.

## STRATEGIC AIR COMMAND

Commander	Gen R. H. Ellis	40th Air Division	Brig Gen W. E. Masterson
8th Air Force	Lt Gen E. S. Harris, Jr.	42nd Air Division	Brig Gen L. C. Buckman
3rd Air Division	Maj Gen A. Pringle, Jr.	12th Air Division	Brig Gen D. B. Sullivan
15th Air Force	Lt Gen J. P. Mullins	14th Air Division	Vacant
1st Strategic Aerospace Division	Maj Gen E. A. Coy	47th Air Division	Brig Gen I. B. Reed
19th Air Division	Brig Gen R. A. Burpee	4th Air Division	Brig Gen J. R. Lasater
45th Air Division	Vacant	57th Air Division	Vacant

## TACTICAL AIR COMMAND

Commander	Gen W. L. Creech	USAF Tactical Fighter Weapons Center	Maj Gen J. R. Hildreth
9th Air Force	Lt Gen A. W. Braswell	USAF Southern Air Division	Maj Gen R. B. Tanguy
12th Air Force	Lt Gen J. V. Hartinger		
USAF Tactical Air Warfare Center	Maj Gen G. J. Carey, Jr.		

## UNITED STATES AIR FORCE ACADEMY

Superintendent Dean of the Faculty	Lt Gen K. L. Tallman	Commandant of Cadets	Brig Gen T. C. Richards
	Brig Gen W. A. Orth		

## UNITED STATES AIR FORCES IN EUROPE

Commander	Gen J. W. Pauly	16th Air Force	Lt Gen D. Brett
3rd Air Force	Maj Gen W. C. Norris	17th Air Force	Maj Gen W. D. Druen, Jr.

## UNITED STATES AIR FORCE SECURITY SERVICE

Commander	Maj Gen Doyle E. Larson
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## AIR FORCE MANAGEMENT ENGINEERING AGENCY

Commander	Col G. E. Kitchens
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