



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

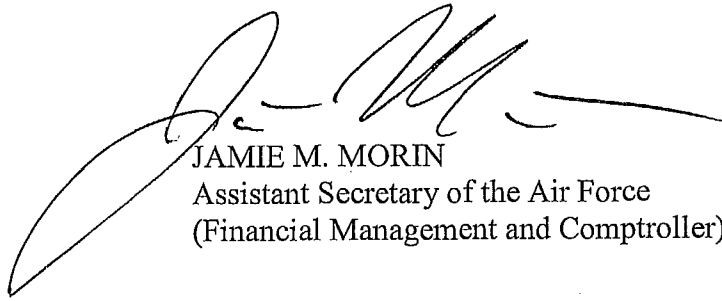
*Form Approved  
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1<sup>st</sup> Ind, SAF/FM

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



# USAF SUMMARY

APRIL 1980

DIRECTORATE OF COST & MANAGEMENT ANALYSIS  
COMPTROLLER OF THE AIR FORCE

~~FOR OFFICIAL USE ONLY~~

## FOREWORD

This is the sixth edition of the USAF Summary. It provides fiscal year 1979 actual data, revised estimates for fiscal year 1980, and information for fiscal year 1981 based on the President's FY 1981 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/ACMM 697-6634 (Autovon 227-6634).

PROPERTY OF  
OFFICE OF AIR FORCE HISTORY

K131.64  
Apr 1980



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# FEDERAL BUDGET TRENDS

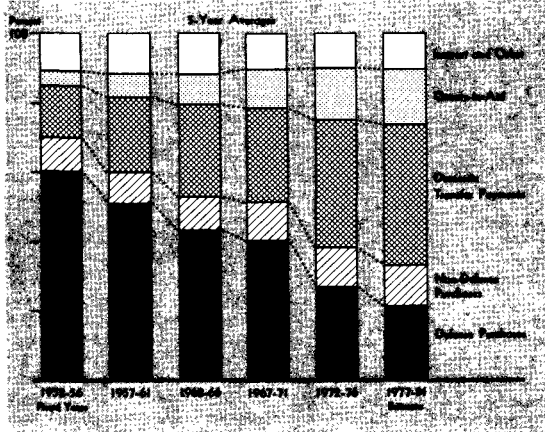
(DOLLAR AMOUNTS IN BILLIONS)

Fiscal Year	Gross National Product	Budget Receipts		Budget Outlays		Current Prices			Constant (FY72) Prices		
		Amount	% GNP	Amount	% GNP	Outlays	National Defense	Non-Defense	Outlays	National Defense	Non-Defense
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	141.6	74.0	67.6
1959	473.3	79.2	16.7	92.1	19.5	92.1	46.0	46.1	153.7	75.3	78.4
1960	497.3	92.5	18.6	92.2	18.5	92.2	45.2	47.1	150.6	73.8	76.8
1961	508.3	94.4	18.6	97.8	19.2	97.8	46.6	51.2	156.7	74.8	81.9
1962	546.9	99.7	18.2	106.8	19.5	106.8	49.0	57.8	168.4	77.2	91.2
1963	576.3	106.6	18.5	111.3	19.3	111.3	50.1	61.2	170.4	76.8	93.6
1964	616.2	112.7	18.3	118.6	19.2	118.6	51.5	67.1	177.1	77.0	100.1
1965	657.1	116.8	17.8	118.4	18.0	118.4	47.5	71.0	173.0	69.3	103.7
1966	721.1	130.9	18.1	134.7	18.7	134.7	54.9	79.8	187.7	76.3	111.4
1967	774.4	149.6	19.3	158.3	20.4	158.3	68.2	90.0	211.8	92.0	119.8
1968	829.9	153.7	18.5	178.8	21.5	178.8	78.8	100.1	229.3	101.4	127.9
1969	903.7	187.8	20.8	184.5	20.4	184.5	79.4	105.1	222.9	97.9	125.0
1970	959.0	193.7	20.2	196.6	20.5	196.6	73.6	118.0	220.6	90.3	130.3
1971	1,019.3	188.4	18.5	211.4	20.7	211.4	75.8	135.6	222.9	81.2	141.7
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	233.3	70.0	163.3
1974	1,359.2	264.9	19.5	269.6	19.8	269.6	77.8	191.8	232.0	67.9	164.0
1975	1,457.3	281.0	19.3	326.1	22.4	326.2	85.6	240.6	253.6	67.2	186.4
1976	1,621.0	300.0	18.5	366.4	22.6	366.4	89.4	277.0	266.6	65.6	201.0
1977	1,843.3	357.8	19.4	402.7	21.8	402.7	97.5	305.2	272.2	66.5	205.7
1978	2,060.4	402.0	19.5	450.8	21.9	450.8	105.2	345.6	282.0	66.6	215.4
1979	2,131.4	405.9	20.1	403.7	21.3	493.7	117.7	376.0	280.0	69.3	210.7
1980 (Est.)	2,518.0	523.8	20.8	563.6	22.4	563.6	130.4	432.2	286.3	70.7	215.6
1981 (Est.)	2,764.4	560.0	21.7	615.8	22.3	615.8	146.2	469.5	286.8	73.2	213.5

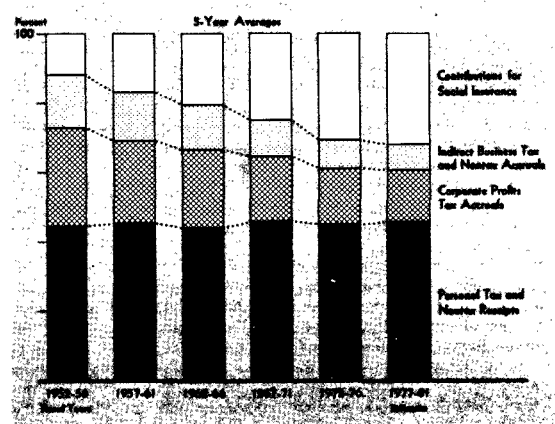
Source: The U.S. Budget in Brief FY 1981.

## THE FEDERAL BUDGET

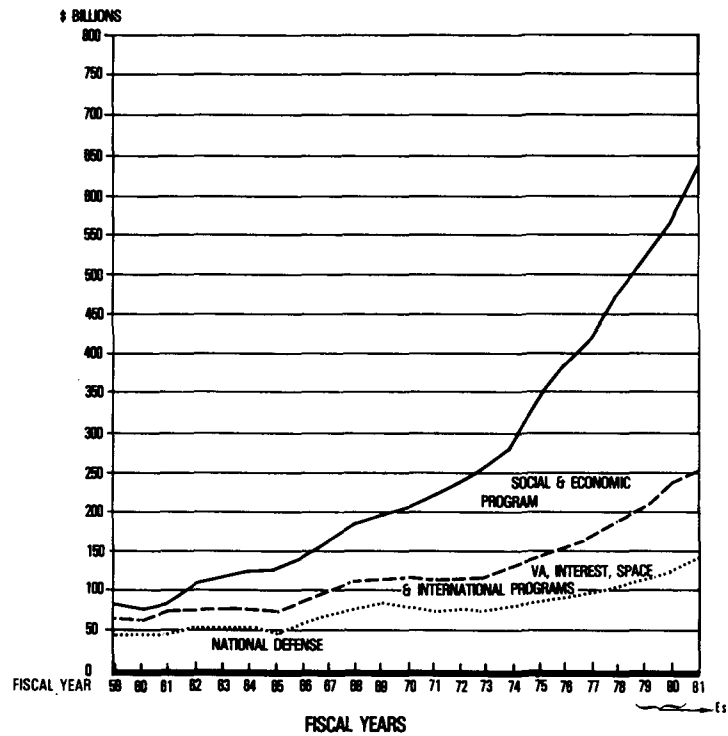
Distribution of Federal Sector Expenditures by Category



Distribution of Federal Sector Receipts by Category



# FEDERAL UNIFIED BUDGET OUTLAYS \*



\* UNDISTRIBUTED OFFSETTING RECEIPTS  
HAVE NOT BEEN DEDUCTED.

SOURCE: ECONOMIC REPORT OF THE PRESIDENT  
THE U.S. BUDGET IN BRIEF.

Fiscal Year	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Social & Economic Programs	31.8	31.4	35.0	38.6	40.3	44.1	46.5	53.8	63.4	74.0	77.5	88.8
VA, Space, Interest, International	15.9	17.2	17.9	19.7	21.4	23.8	25.5	28.6	30.4	30.9	32.3	35.8
National Defense	46.6	45.9	47.4	51.1	52.3	53.6	49.6	55.9	69.1	79.4	80.2	78.6
Total Outlays	94.3	94.5	100.3	109.4	114.0	121.5	121.6	138.3	162.9	184.3	190.0	203.2
Offsetting Receipts	2.2	2.3	2.5	2.6	2.7	2.9	3.2	3.6	4.6	5.5	5.5	6.6
Net Outlays	92.1	92.2	97.8	106.8	111.3	118.6	118.4	134.7	158.3	178.8	184.5	196.6

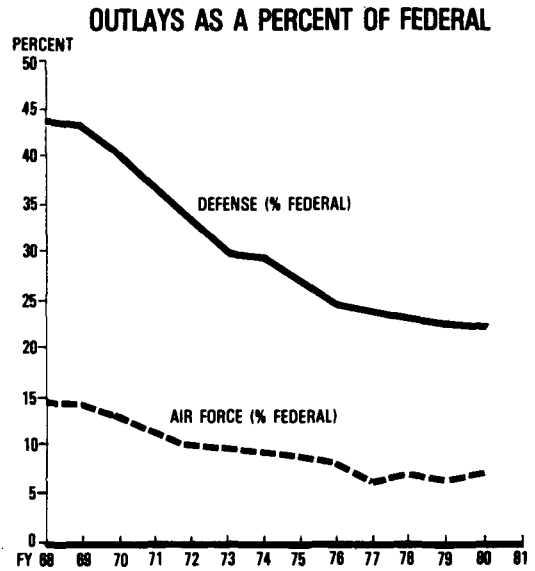
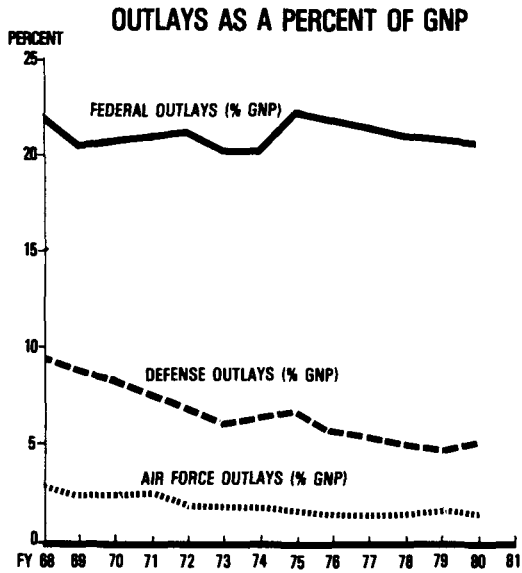
  

Fiscal Year	1971	1972	1973	1974	1975	1976	TQ	1977	1978	1979	1980	1981
Social & Economic Programs	106.3	123.5	142.0	157.4	196.3	228.8	60.4	254.8	287.8	310.9	355.1	398.8
VA, Space, Interest, International	37.7	40.0	42.9	51.1	58.4	62.9	14.6	65.5	73.6	83.6	100.4	104.9
National Defense	75.8	76.6	74.5	77.8	85.6	89.4	22.3	97.5	105.2	117.7	130.4	146.2
Total Outlays	219.8	240.1	259.4	286.3	340.3	381.1	97.3	417.8	466.6	512.2	585.9	640.9
Offsetting Receipts	8.4	8.1	12.3	16.7	14.1	14.7	2.6	15.1	15.8	18.5	22.3	25.1
Net Outlays	211.4	232.0	247.1	269.6	326.2	366.4	94.7	402.7	450.8	493.7	563.6	615.8

Source: Economic Report of the President  
The U.S. Budget in Brief FY 1981.

## COMPARATIVE FINANCIAL STATISTICS (\$ BILLIONS)

	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1980</u>	President's Budget <u>1981 Est</u>
Gross National Product	829.9	959.0	1,110.5	1,359.2	1,621.0	2,060.4	2,518.0	2,764.4
Federal Outlays	178.8	196.6	232.0	269.6	366.4	450.8	563.6	615.8
% of GNP	21.5	20.5	20.9	19.8	22.6	21.9	22.4	22.3
DOD - Outlays	78.1	77.9	75.1	77.6	87.9	103.0	127.4	142.7
% of GNP	9.4	8.1	6.8	5.8	5.4	4.9	5.1	5.2
% of Federal	43.7	39.6	32.8	29.1	24.0	22.8	22.7	23.2
Air Force - Outlays	25.8	24.9	24.0	23.9	26.4	29.2	35.7	40.3
% of GNP	3.1	2.6	2.2	1.8	1.6	1.4	1.4	1.4
% of Federal	14.4	12.7	10.3	8.9	7.2	6.5	6.3	6.5
% of DOD	33.0	32.0	31.6	30.5	29.8	28.3	28.0	28.2
Constant FY 81 \$								
Federal Outlays	448.4	440.9	452.6	455.3	526.4	570.7	610.9	615.8
DOD - Outlays	195.9	174.7	148.3	132.4	127.0	130.4	138.1	142.7
Air Force - Outlays	64.3	56.0	47.5	40.8	38.1	36.8	38.6	40.3



# TOTAL DOD OUTLAYS<sup>1</sup>

## FY 68-81

### BILLIONS CURRENT DOLLARS

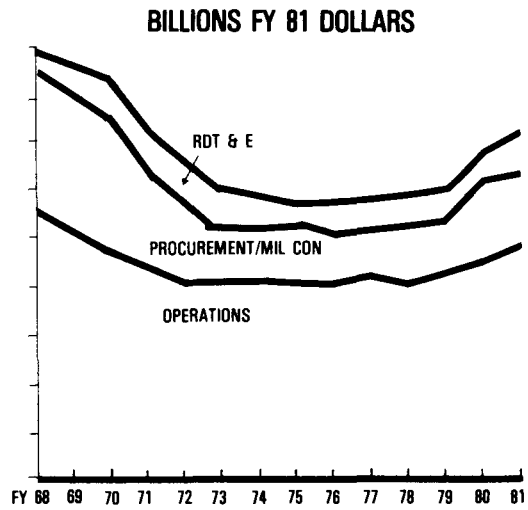
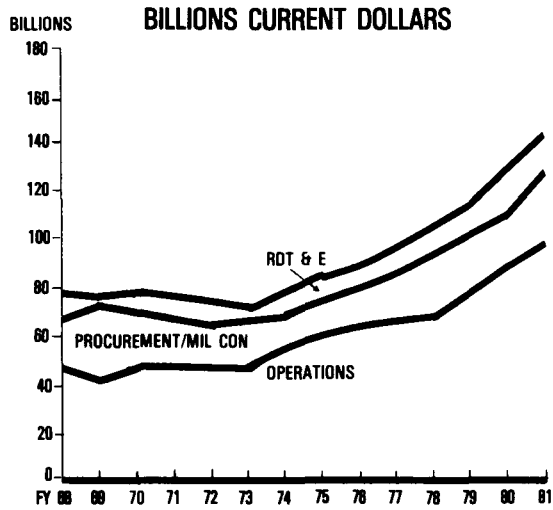
	1968	1970	1972	1974	1976	1978	1980	President's Budget 1981
RDT&E	7.7	7.2	7.9	8.6	8.9	10.5	12.9	14.8
PROCUREMENT/MIL CON	25.3	23.6	19.2	17.7	18.8	22.7	29.8	32.6
OPERATIONS	<u>45.1</u>	<u>47.1</u>	<u>48.9</u>	<u>52.1</u>	<u>60.8</u>	<u>69.8</u>	<u>84.7</u>	<u>95.3</u>
TOTAL <sup>2</sup>	78.1	77.9	76.0	78.4	88.5	103.0	127.4	142.7

### BILLIONS FY 81 DOLLARS

RDT&E	18.4	15.3	15.1	14.5	12.8	13.3	14.0	14.8
PROCUREMENT/MIL CON	56.7	48.8	35.7	29.2	26.5	28.2	32.4	32.6
OPERATIONS	<u>120.8</u>	<u>110.6</u>	<u>97.5</u>	<u>88.7</u>	<u>87.7</u>	<u>88.9</u>	<u>91.7</u>	<u>95.3</u>
TOTAL	195.9	174.7	148.3	132.4	127.0	130.4	138.1	142.7

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

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



## TOTAL DOD OUTLAYS \*

## BILLIONS OF CURRENT DOLLARS

<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
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	32.3	28.8	37.8	115.0
1980	35.7	31.4	41.7	127.4
1981	40.3	34.9	44.5	142.7

\* Includes MAP

## BILLIONS OF CONSTANT FY 81 DOLLARS

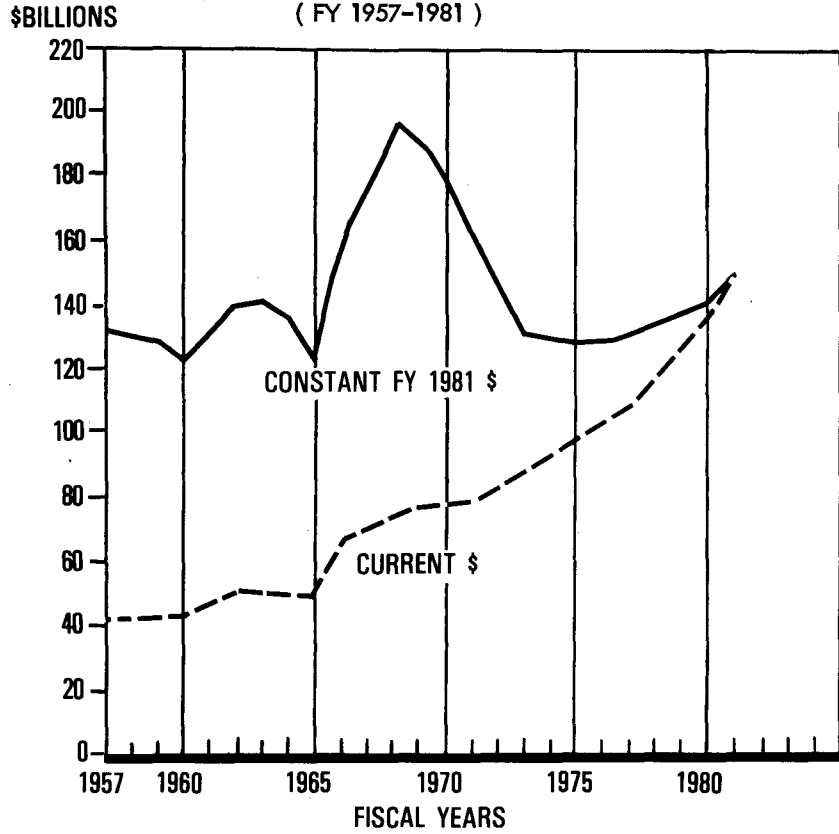
<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
1957	60.8	35.2	39.1	137.2
1958	58.9	33.4	39.1	133.8
1959	59.5	32.9	40.7	136.0
1960	59.1	32.1	40.4	133.1
1961	59.4	33.2	40.8	137.2
1962	62.2	36.5	43.6	147.5
1963	61.0	36.5	46.3	150.0
1964	59.3	36.5	45.7	149.5
1965	52.2	34.4	41.2	136.6
1966	55.1	41.2	46.1	152.3
1967	60.0	55.5	52.4	179.7
1968	64.3	63.5	56.4	195.9
1969	62.3	60.3	55.7	190.0
1970	56.0	55.0	51.4	174.7
1971	50.4	48.1	47.2	158.5
1972	47.5	43.3	44.2	148.3
1973	43.9	35.8	41.5	135.5
1974	40.8	35.4	40.8	132.4
1975	38.4	33.1	42.2	131.2
1976	38.1	30.3	41.0	127.0
1977	37.6	31.8	41.5	129.5
1978	36.8	32.4	42.2	130.4
1979	37.8	33.5	44.3	135.5
1980	38.6	33.9	45.1	138.1
1981	40.3	34.9	44.5	142.7

## TOTAL OBLIGATION AUTHORITY (TOA)

<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>	<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
1957	18.4	9.9	10.8	41.8	1957	64.1	38.3	43.5	148.1
1958	19.2	9.8	11.6	43.1	1958	63.7	35.6	44.6	146.3
1959	19.6	9.6	12.1	43.7	1959	63.2	33.4	45.4	145.1
1960	17.7	9.9	11.7	41.6	1960	57.0	33.7	42.5	136.6
1961	20.1	10.5	12.8	46.4	1961	62.8	34.7	46.2	147.8
1962	19.7	12.5	14.6	50.2	1962	61.6	40.5	51.1	158.6
1963	20.4	11.8	14.7	50.9	1963	63.0	38.1	50.3	159.4
1964	20.0	12.3	14.5	50.6	1964	59.7	37.8	47.1	153.6
1965	19.4	12.2	14.9	50.7	1965	56.7	36.6	46.4	149.1
1966	23.3	18.5	19.2	65.6	1966	64.6	51.8	55.8	182.7
1967	24.3	22.4	21.2	72.4	1967	64.6	59.7	58.9	194.0
1968	25.0	25.0	20.8	75.6	1968	63.9	63.8	54.6	194.1
1969	25.9	25.8	21.6	78.5	1969	63.2	62.7	53.5	191.7
1970	23.9	24.0	22.5	76.0	1970	54.7	53.9	52.1	173.5
1971	23.0	22.3	21.7	74.3	1971	49.5	46.9	46.7	156.6
1972	23.8	22.1	24.0	77.5	1972	47.6	42.6	47.5	151.9
1973	24.7	21.5	25.3	80.2	1973	45.9	38.3	46.2	145.5
1974	24.8	21.5	26.9	85.1	1974	42.0	35.6	45.3	138.7
1975	26.1	21.7	27.9	87.9	1975	40.2	32.9	43.2	133.8
1976	28.4	24.0	31.5	97.5	1976	41.3	33.9	45.8	139.5
1977	32.3	26.9	36.4	108.3	1977	42.5	35.7	49.2	146.6
1978	32.6	28.3	39.5	117.2	1978	41.7	36.0	49.7	147.0
1979	34.9	31.4	41.8	124.8	1979	40.8	36.5	48.7	146.4
1980	39.9	34.3	46.1	139.3	1980	43.1	37.0	49.7	150.7
1981	45.7	39.1	49.7	158.7	1981	45.7	39.1	49.7	158.7

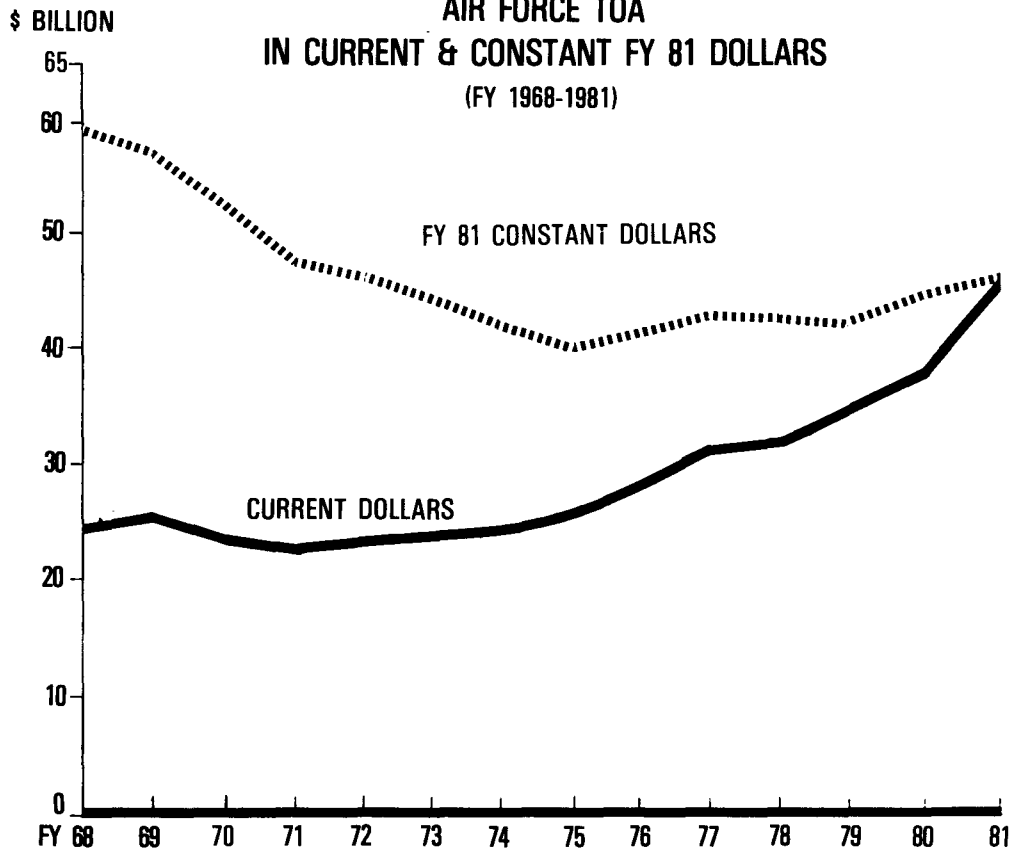
### DOD CURRENT AND CONSTANT DOLLAR TOA INCLUDING MILITARY RETIRED PAY

( FY 1957-1981 )



### AIR FORCE TOA IN CURRENT & CONSTANT FY 81 DOLLARS

(FY 1968-1981)

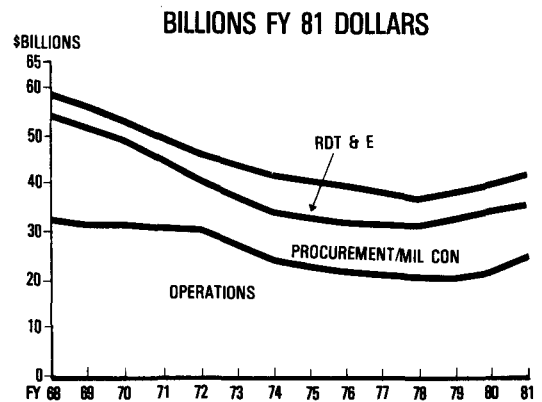
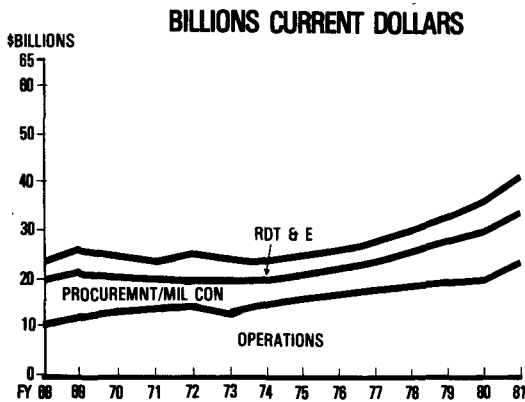


# AIR FORCE OUTLAYS FY 68-81

	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1980</u>	President's Budget <u>1981</u>
RDT&E	3.8	2.9	3.2	3.2	3.3	3.6	4.6	6.0
PROCUREMENT/MIL CON	9.9	8.7	6.4	5.7	6.9	7.9	10.4	11.5
OPERATIONS	<u>12.1</u>	<u>13.2</u>	<u>14.4</u>	<u>15.0</u>	<u>16.2</u>	<u>17.7</u>	<u>20.7</u>	<u>22.8</u>
TOTAL	25.8	24.9	24.0	23.9	26.4	29.2	35.7	40.3

## BILLIONS OF FY 81 DOLLARS

RDT&E	9.0	6.2	6.1	5.5	4.8	4.6	5.0	6.0
PROCUREMENT/MIL CON	22.1	18.1	12.1	9.7	10.1	10.0	11.3	11.5
OPERATIONS	33.2	31.7	29.3	25.6	23.2	22.2	22.3	22.8
TOTAL	64.3	56.0	47.5	40.8	38.1	36.8	38.6	40.3



# AIR FORCE TOA

## BY MAJOR FORCE PROGRAMS AND APPROPRIATION

(\$ MILLIONS)

	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1980</u>	<u>Pres. Budget 1981</u>
<u>BY MFP</u>								
I Strategic Forces	5,176	4,384	4,712	4,315	4,653	4,508	6,182	6,941
II General Purpose Forces	7,273	6,157	5,327	5,611	7,068	9,921	11,174	12,641
III Intelligence & Communications	3,622	3,376	3,125	3,340	3,499	4,117	4,668	5,500
IV Airlift & Sealift	1,736	1,637	1,102	756	1,247	1,607	1,914	2,325
V Guard and Reserve Forces	621	743	915	1,223	1,626	2,357	2,830	2,837
VI Research & Development	1,556	1,853	2,182	2,400	3,214	3,471	4,197	5,689
VII Central Supply & Maintenance	2,375	2,615	2,732	2,763	3,093	3,402	4,448	4,674
VIII Training, Medical & Other Pers Act	2,079	2,343	2,727	3,441	3,411	3,195	3,655	4,022
IX Administrative & Associated Act	352	428	510	568	585	512	579	683
X Support Other Nations	182	343	502	362	46	29	281	420
TOTAL	24,974	23,883	23,834	27,779	28,442 <sup>1</sup>	33,118	39,928	45,732
<u>BY APPROPRIATION</u>								
3010 Aircraft Procurement	5,306	3,764	3,038	2,837	3,964	6,372	8,082	8,555
3020 Missile Procurement	1,408	1,469	1,666	1,419	1,708	1,797	2,183	3,042
3080 Other Procurement	2,358	1,762	1,574	1,651	2,035	2,268	2,633	2,973
3300 Military Construction	481	262	281	321	539	491	565	815
3600 RDT&E	3,412	3,056	2,929	3,062	3,606	4,222	5,026	7,085
3400 O&M	5,904	6,520	6,610	6,882	7,669	8,682	10,904	12,138
3500 Military Personnel	5,678	6,498	7,040	7,479	7,405	7,547	8,416	8,701
3700 Reserve Personnel	64	82	109	126	160	181	226	244
3730 Military Construction - AFR	4	4	9	11	16	12	12	23
3740 O&M - AFR	-	-	-	239	332	384	439	486
3830 Military Construction - ANG	10	12	12	19	61	42	36	90
3840 O&M - ANG	266	345	417	551	714	848	1,115	1,229
3850 NG Personnel	84	111	149	182	218	237	291	323
4921 AFSF	-	-	-	-	15	35	-	28
TOTAL	24,974	23,883	23,834	24,779	28,442 <sup>1</sup>	33,118	39,928	45,732 <sup>3</sup>
Constant FY 81 \$	63,911	54,669	47,598	42,049	41,291	41,669	43,112	45,732 <sup>3</sup>

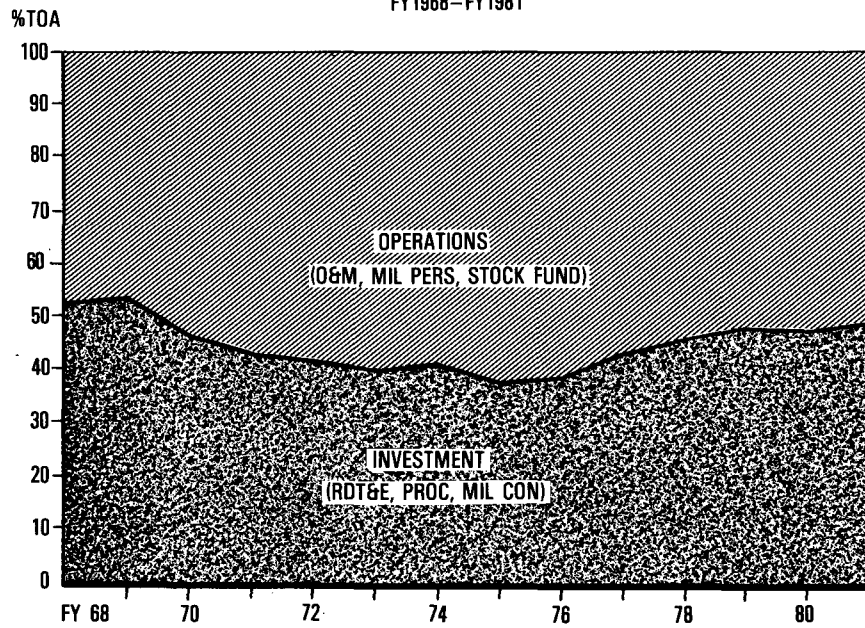
<sup>1</sup>Total includes \$175M transferred to FY TQ.

<sup>2</sup>Part of 3400 prior to 1973.

<sup>3</sup>Excludes AF portion of OSD contingency - \$595M.

NOTE: Totals may not add due to rounding.

DEPARTMENT OF THE AIR FORCE  
INVESTMENT & OPERATIONS COSTS AS % TOA  
FY1968-FY1981



## PAY INCREASES & PRICE INDICES SINCE 1945

Military and Civilian Pay Increases			Pay & Purchase Price Indices (FY 1981=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	.135	.125	-
Jul 1, 1946	23.7%	14.2%	1947	.168	.137	NA
Jul 1, 1948	-	11.0%	1948	.168	.140	0.369
Oct 1, 1949	21.6%	-	1949	.167	.515	0.409
Oct 28, 1949	-	4.1%	1950	.190	.157	0.404
Jul 1, 1951	-	10.0%	1951	.198	.156	0.431
May 2, 1952	10.9%	-	1952	.197	.166	0.486
Mar 1, 1955	-	7.5%	1953	.210	.172	0.498
Apr 1, 1955	2.8%	-	1954	.210	.180	0.505
Jan 1, 1958	-	10.0%	1955	.215	.192	0.504
Jun 1, 1958	6.3%	-	1956	.226	.205	0.522
Jul 1, 1960	-	7.7%	1957	.222	.214	0.548
Oct 14, 1962	-	5.5%	1958	.234	.241	0.567
Oct 1, 1963	8.4%	-	1959	.250	.258	0.586
Jan 5, 1964	-	4.1%	1960	.253	.265	0.587
Jul 1, 1964	-	4.2%	1961	.255	.286	0.597
Sep 1, 1964	1.4%	-	1962	.254	.293	0.608
Sep 1, 1965	6.4%	-	1963	.257	.304	0.625
Oct 1, 1965	-	3.6%	1964	.279	.318	0.641
Jul 1, 1966	2.8%	2.9%	1965	.290	.337	0.656
Oct 1, 1967	4.5%	4.5%	1966	.311	.349	0.688
Jul 1, 1968	4.9%	4.9%	1967	.326	.364	0.711
Jul 1, 1969	9.1%	9.1%	1968	.342	.377	0.745
Jan 1, 1970	6.0%	6.0%	1969	.370	.401	0.778
Jan 1, 1971	6.0%	6.0%	1970	.426	.448	0.835
Nov 14, 1971	13.1%	-	1971	.463	.487	0.896
Jan 1, 1972	5.5%	5.5%	1972	.541	.527	0.896
Jan 1, 1973	5.1%	5.1%	1973	.607	.558	1.024
Oct 1, 1973	4.8%	4.8%	1974	.647	.607	1.101
Oct 1, 1974	5.5%	5.5%	1975	.687	.657	1.225
Oct 1, 1975	5.0%	5.0%	1976	.723	.708	1.311
Oct 1, 1976	4.5%	4.8%	1977	.765	.773	1.410
Oct 1, 1977	7.0%	7.0%	1978	.819	.831	1.519
Oct 1, 1978	5.5%	5.5%	1979	.867	.880	1.635
Oct 1, 1979	7.0%	7.0%	1980	.928	.940	1.781
			1981	1.000	1.000	1.939

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

# DOD PERSONNEL TRENDS

(END FISCAL YEAR)

<u>ACTIVE DUTY MILITARY (End Strength)</u>	<u>1968</u>	<u>1979</u>	<u>PROJ 1980</u>	<u>PROJ 1981</u>	<u>CHANGE 1968-79</u>	<u>CHANGE 1979-80</u>	<u>CHANGE 1980-81</u>
Air Force	905	559	558	565	-346	-1	+7
Army	1,570	758	774	776	-812	+16	+2
Navy	765	522	528	534	-243	+6	+6
Marine Corps	307	185	185	185	-122	0	0
TOTAL	3,547	2,024	2,045	2,059	-1523	+21	+15
<u>DIRECT AND INDIRECT HIRE CIVILIANS (End Strength)</u>							
Air Force	356	245	244	241	-111	-1	-3
Army	533	359	359	359	-174	0	0
Navy/Marine Corps	430	310	310	310	-120	0	0
Defense Agencies	76	77	80	81	+1	+3	+1
TOTAL	1,395	991	991	990	-404	+2	-2
<u>RESERVE COMPONENTS (Average Strength)</u>							
Air National Guard	81	93	94	96	+12	+11	+2
Air Force Reserve	45	57	58	59	+12	+1	+1
Army National Guard	411	345	359	381	-66	+14	+22
Army Reserve	256	190	200	211	-66	+10	+11
Naval Reserve	126	88	87	87	-38	-1	0
Marine Corps Reserve	48	33	34	34	-14	+1	0
TOTAL	967	807	832	868	-160	+36	+36

NOTE: Details may not add to totals due to rounding.

# USAF PERSONNEL COMPARISONS<sup>1</sup>

(PERSONNEL IN THOUSANDS; DOLLARS IN MILLIONS)

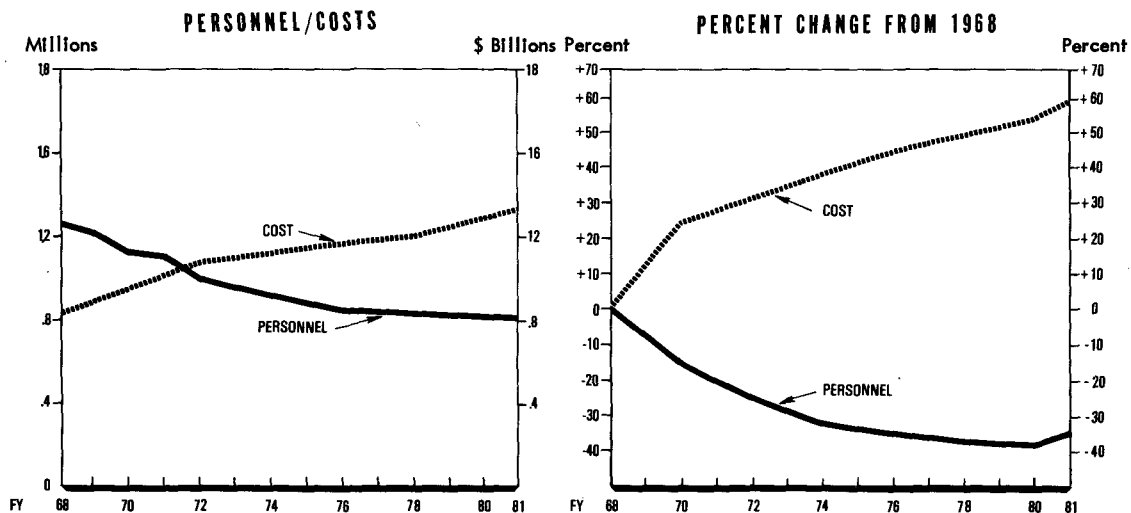
	<u>FY 68</u>	<u>FY 72</u>	<u>FY 74</u>	<u>FY 76</u>	<u>FY 78</u>	<u>FY 79</u>	Revised Estimate <u>FY 80</u>	Pres. Estimate <u>FY 81</u>
<b>Civilian Personnel</b>								
Indirect Hire	25.7	19.7	15.8	13.5	14.1	13.2	14.4	13.4
Direct Hire	316.0	279.9	273.6	248.2	237.0	231.8	229.5	227.2
<b>Total Civilian</b>	<b>341.7</b>	<b>299.6</b>	<b>289.4</b>	<b>261.7</b>	<b>251.1</b>	<b>245.0</b>	<b>243.9</b>	<b>240.6</b>
<b>% of Total Personnel</b>	<b>27.4</b>	<b>29.2</b>	<b>31.0</b>	<b>30.9</b>	<b>30.6</b>	<b>30.5</b>	<b>30.4</b>	<b>29.9</b>
<b>Military Personnel</b>								
Officer	139.6	121.5	110.3	99.6	95.5	95.9	97.3	97.8
Airman	761.5	599.7	529.1	481.2	469.9	458.9	456.2	462.2
USAFA Cadets	3.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4
<b>Total Military</b>	<b>904.8</b>	<b>725.6</b>	<b>643.8</b>	<b>585.2</b>	<b>569.8</b>	<b>559.2</b>	<b>557.9</b>	<b>564.4</b>
<b>Ratio: Officer/Airman</b>	<b>1:5.5</b>	<b>1:4.9</b>	<b>1:4.8</b>	<b>1:4.8</b>	<b>1:4.9</b>	<b>1:4.7</b>	<b>1:4.7</b>	<b>1:4.7</b>
<b>TOTAL PERSONNEL</b>	<b>1,246.5</b>	<b>1,025.2</b>	<b>933.2</b>	<b>846.9</b>	<b>820.8</b>	<b>804.2</b>	<b>801.8</b>	<b>805.0</b>
<b>Personnel Costs<sup>2</sup></b> (Millions \$ - Outlays)								
<b>Military Personnel</b>								
(Incl PCS)	5,806	7,238	7,659	7,405	7,937	7,889	8,280	8,624
<b>Civilian Payroll</b>								
(Direct Hire)	2,673	3,349	3,464	4,019	4,313	4,362	4,668	4,673
<b>Total (Air Force)</b>	<b>8,479</b>	<b>10,632</b>	<b>11,123</b>	<b>11,424</b>	<b>12,250</b>	<b>12,251</b>	<b>12,948</b>	<b>13,297</b>
<b>Retirement (OSD Budget)</b>	<b>591</b>	<b>1,291</b>	<b>1,806</b>	<b>2,654</b>	<b>3,380</b>	<b>3,799</b>	<b>4,389</b>	<b>4,930</b>

<sup>1</sup> Excludes Non-chargeable Personnel.

<sup>2</sup> Excludes Reimbursements.

Source: AF/ACB  
AF/MPK  
AF/MPP

NOTE: Totals may not add due to rounding



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

Major Force Program	FY 1979			FY 1980 (Est)			FY 1981 (Est)		
	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ
Strategic Forces	18308	102379	17024	18051	101431	16164	18284	101921	15803
General Purpose Forces	18977	138174	27613	19680	138741	26687	20116	144825	26303
Intelligence & Communications	8236	49313	7975	8443	50662	8590	8159	47305	8442
Airlift and Sealift	7900	48710	14860	7612	48708	15405	7560	49331	15021
Guard and Reserve Forces	496	1088	34762	480	933	34074	481	946	33963
Research & Development	6608	9501	18420	6923	9318	18769	6917	9330	18757
Central Supply & Maintenance	3106	6472	92473	3325	6719	90463	3369	6801	89115
Trng, Med/Other Gen Pers Act	25625	95133	23625	26044	91425	24438	26331	794271	24239
Administration & Assoc Act	5176	5426	7353	5312	5491	8123	5352	5194	7804
Support to Other Nations	1468	2757	977	1484	2796	1187	1467	2603	1153
Cadets		4367			4417			4417	
<b>TOTAL AIR FORCE</b>	<b>95900</b>	<b>458953/</b>	<b>245082</b>	<b>97354</b>	<b>456,224/</b>	<b>243900</b>	<b>98036</b>	<b>462527/</b>	<b>240600</b>
		<b>4367</b>			<b>4417</b>			<b>4417</b>	

## (TOA IN MILLIONS)

Major Force Program	FY 1979			FY 1980 (Est) <sup>1</sup>			FY 1981 (Est)		
	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ
Strategic Forces	468	1159	344	480	1194	359	486	1206	343
General Purpose Forces	482	1530	422	512	1611	462	539	1697	478
Intelligence & Communications	209	552	166	221	586	191	216	563	194
Airlift and Sealift	199	553	280	200	562	305	203	580	304
Guard and Reserve Forces	12	12	703	12	11	752	12	11	765
Research & Development	169	104	445	179	107	475	185	110	476
Central Supply & Maintenance	79	72	1849	86	75	1947	89	80	1957
Trng, Med/Other Gen Pers Act	622	1033	411	677	1111	461	669	1140	468
Cadets		24			25			25	
PCS		481			539			678	
Administration & Assoc Act	129	61	181	135	62	206	139	60	204
Support to Other Nations	15	14	30	17	15	28	18	17	29
<b>TOTAL AIR FORCE</b>	<b>2384</b>	<b>5575</b>	<b>4831</b>	<b>2518</b>	<b>5898</b>	<b>5187</b>	<b>2556</b>	<b>6166</b>	<b>5218</b>

NOTE: Columns may not add due to rounding.

SOURCE: FY 81 President's Budget for FY 80/81.  
FY 79 manpower is actual assigned end-year strength.

<sup>1</sup> Includes pay raise for FY 1980.

## USAF MANPOWER BY FUNCTIONAL AREA (TOTALS IN THOUSANDS)

	FY 1979			FY 1980			FY 1981		
	MIL	CIV	AGG	MIL	CIV	AGG	MIL	CIV	AGG
Activities Outside the USAF	9.6	1.5	11.1	9.6	1.5	11.1	9.7	1.5	11.2
Civil Engineering	29.4	33.4	62.8	30.3	33.3	63.6	30.5	32.7	63.2
Comptroller	12.8	14.2	27.0	12.8	14.2	27.0	12.9	14.1	27.0
Depot Operations & Maint	3.3	58.1	61.4	3.4	57.0	60.4	3.4	56.1	59.5
Grnd Comm Elect Opns & Maint	49.1	6.6	55.7	48.0	6.6	54.6	48.1	6.5	54.6
Intelligence	14.1	1.9	16.0	14.3	1.9	16.2	14.4	1.9	16.3
Medical	32.8	7.0	39.8	32.6	7.0	39.6	32.9	6.9	39.8
Operations	51.6	4.6	56.2	51.8	4.7	56.5	52.4	4.6	57.0
Personnel	18.7	8.6	27.3	18.6	8.6	27.2	18.8	8.5	27.3
Research & Development	8.8	11.9	20.7	8.8	11.8	20.6	8.9	11.6	20.5
Security Police	33.6	3.0	36.6	33.8	2.9	36.7	33.9	2.9	36.8
Supply, Services & Contracting	39.0	34.1	73.1	38.7	34.0	72.7	39.1	33.5	72.6
Training	60.3	3.9	64.2	63.3	3.9	67.2	65.3	3.9	69.2
Transportation	17.5	9.7	27.2	17.7	9.7	27.4	18.0	9.5	27.5
Weapons Systems Maint	134.0	7.9	141.9	135.0	8.3	143.3	136.5	8.1	144.6
Command, Admin, Other	25.2	9.8	35.0	25.3	9.9	35.2	25.7	9.7	35.4
Transients & Patients	19.4		19.4	14.0		14.0	14.0		14.0
Air Reserve Forces									
ANG Tech		22.4	22.4		21.9	21.9		21.5	21.5
AF Reserve Tech		6.5	6.5		6.7	6.7		7.1	7.1
Aggregate	559.2	245.1	804.3	558.0	243.9	801.9	564.5	240.6	805.1

NOTE: Totals may not add due to rounding.

## MANPOWER AUTHORIZATIONS BY COMMAND

FY 80

COMMAND	TOTAL AUTHORIZATIONS		MILITARY AUTHORIZATIONS		CIVILIAN AUTHORIZATIONS	
		%		%		%
SAC	119097	15	105584	19	13513	6
TAC	107370	13	96077	17	11293	5
AFLC	87154	11	9725	2	77429	32
MAC	87264	11	70272	13	16992	7
ATC	85068	11	69194	12	15874	7
USAFE	66616	8	56658	10	9958	4
AFSC	52994	7	26365	5	26629	11
AFCC	49409	6	41908	8	7501	3
PACAF	34405	4	24373	4	10032	4
ANG	23243	3	0	0	23243	10
ESC	11624	1	10656	2	968	0 1/
AFRES	11118	1	546	0 1/	10572	4
AAC	8531	1	7354	1	1177	0 1/
AFA	8577	1	6859	1	1718	1
OTHER	35445	4	18444	3	17001	7
TRANSIENTS & PATIENTS	13985	2	13985	3	0	0
TOTAL ACTIVE	801900	100	558000	100	243900	100
AFRES	58219	38	58219	38	0	0
ANG	94000	62	94000	62	0	0
TOTAL RESERVE FORCES	152219	100	152219	100	0	0

NOTE: Totals may not add due to rounding.

SOURCE: FY 81 President's Budget for FY 80/81.

1/ Less than one-half of one percent

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

<u>COMMAND/SOA</u>	<u>1968</u>	<u>1970<sup>2</sup></u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>
<u>AAC</u>							
Military	9.9	8.1	8.9	9.1	8.4	7.7	7.5
Civilian	2.5	2.1	2.2	2.2	1.7	1.3	1.3
Total AAC	12.5	10.2	11.1	11.3	10.1	9.0	8.8
<u>ADCOM</u>							
Military	73.3	50.9	37.0	31.3	25.4	22.9	20.1
Civilian	14.5	9.7	7.3	5.3	5.3	4.1	3.7
Total ADCOM	87.8	60.6	44.3	36.6	30.7	27.0	23.8
<u>AFAA</u>							
Military	-	-	.6	.5	.5	.4	.3
Civilian	-	-	.5	.5	.5	.6	.6
Total AFAA	-	-	1.1	1.0	1.0	1.0	.9
<u>AF AFC</u>							
Military	.3	.4	.3	.3	.2	.3	.2
Civilian	1.9	1.8	1.8	2.2	1.9	1.8	1.8
Total AF AFC	2.2	2.2	2.1	2.5	2.1	2.1	2.0
<u>AFCS</u>							
Military	48.6	49.0	45.5	41.3	41.1	41.3	41.3
Civilian	5.9	8.0	6.8	6.8	7.1	7.0	6.8
Total AFCS	54.6	57.0	52.3	48.1	48.2	48.3	48.1
<u>AFDAA</u>							
Military	-	-	.7	1.1	1.3	-	-
Civilian	-	-	.5	.6	.9	-	-
Total AFDAA	-	-	1.2	1.7	2.2	-	-
<u>AFDSC</u>							
Military	.4	.5	-	-	-	-	-
Civilian	-	.3	-	-	-	-	-
Total AFDSC	.4	.8	-	-	-	-	-
<u>AFIS</u>							
Military	-	-	-	.4	.4	.4	.4
Civilian	-	-	-	.1	.2	.1	.1
Total AFIS	-	-	-	.5	.6	.5	.5
<u>AFISC</u>							
Military	-	-	.3	.3	.4	.4	.4
Civilian	-	-	.1	.1	.1	.1	.1
Total AFISC	-	-	.4	.4	.5	.5	.5
<u>AFLC</u>							
Military	16.2	11.1	10.5	10.6	9.2	9.5	9.6
Civilian	125.2	114.0	103.5	97.2	83.0	82.1	79.8
Total AFLC	141.3	125.1	114.0	107.8	100.4	91.6	89.4

(Continued on next page)

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

<u>COMMAND/SOA</u>	<u>1968</u>	<u>1970<sup>2</sup></u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>
<u>AFMPC</u>							
Military	-	-	.9	1.2	1.3	1.7	1.7
Civilian	-	-	.6	.6	.6	.8	.8
Total AFMPC	-	-	1.5	1.8	1.9	2.5	2.5
<u>AFOAR</u>							
Military	.5	.05	-	-	-	-	-
Civilian	1.5	1.5	-	-	-	-	-
Total AFOAR	2.0	1.6	-	-	-	-	-
<u>AFOSI</u>							
Military	-	-	2.4	1.5	1.6	1.5	1.6
Civilian	-	-	.6	.4	.3	.3	.4
Total AFOSI	-	-	3.0	1.9	1.9	1.8	2.0
<u>AFRES/ARPC</u>							
Military	1.3	1.0	1.0	.9	.5	.6	.6
Civilian	8.4	8.4	9.3	11.5	10.9	10.9	10.8
Total AFRES/ARPC	9.7	9.4	10.3	12.4	11.4	11.5	11.4
<u>AFSC</u>							
Military	30.2	27.8	28.0	26.5	26.5	26.0	26.3
Civilian	33.3	29.5	28.9	29.6	28.1	26.2	25.7
Total AFSC	63.5	57.3	56.9	56.1	54.6	52.2	52.0
<u>AFTEC HQ</u>							
Military	-	-	-	-	.2	.2	.3
Civilian	-	-	-	-	.05	.07	.09
Total AFTEC HQ	-	-	-	-	.2	.3	.4
<u>ATC</u>							
Military	55.0	53.9	63.5	61.0	50.0	70.9	81.0
Civilian	22.1	19.6	18.8	18.7	16.8	15.0	15.9
Total ATC	77.2	73.5	82.3	79.7	66.8	85.9	96.9
<u>AU</u>							
Military	4.7	4.5	4.6	5.0	4.3	-	-
Civilian	2.6	2.4	2.3	2.3	2.1	-	-
Total AU	7.4	6.9	6.9	7.3	6.4	-	-
<u>HQ COMD</u>							
Military	29.7	29.8	21.3	19.5	15.4	-	-
Civilian	7.2	7.0	4.2	3.5	2.8	-	-
Total HQ COMD	36.9	36.8	25.5	23.0	18.2	-	-
<u>HQ USAF</u>							
Military	3.2	3.0	3.9	3.9	3.9	1.7	1.9
Civilian	3.6	2.7	2.8	2.6	2.3	1.4	1.5
Total HQ USAF	9.8	5.7	6.7	6.5	6.2	3.1	3.4
<u>OSAF/AIR STAFF</u>							
Military	-	-	-	-	-	1.7	1.9
Civilian	-	-	-	-	-	1.4	1.5
Total OSAF/AIR STAFF	-	-	-	-	-	3.1	3.4

(Continued on next page)

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

<u>COMMAND/SOA</u>	<u>1968</u>	<u>1970<sup>2</sup></u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>
<u>OTHER HAF ELEMENTS</u>							
Military	-	-	-	-	-	.9	.7
Civilian	-	-	-	-	-	.4	.4
Total OTHER HAF ELEMENTS	-	-	-	-	-	1.3	1.1
<u>AF ELEMENTS</u>							
Military	-	-	-	-	-	5.3	5.0
Civilian	-	-	-	-	-	.3	.3
Total AF ELEMENTS	-	-	-	-	-	5.6	5.3
<u>AF ELEMENTS, EUROPE</u>							
Military	-	-	-	-	-	2.3	2.1
Civilian	-	-	-	-	-	*	**
Total AF ELEMENTS, EUROPE	-	-	-	-	-	2.3	2.1
<u>MAC/ACIC</u>							
Military	89.7	74.4	69.5	54.9	71.8	71.0	72.0
Civilian	22.7	22.0	19.9	15.0	16.4	17.4	16.3
Total MAC/ACIC	112.4	96.4	89.4	69.9	88.2	88.4	88.3
<u>PACAF</u>							
Military	123.1	110.3	65.1	48.8	24.6	23.1	24.9
Civilian	43.6	34.1	21.0	16.1	10.8	9.6	9.7
Total PACAF	166.7	144.4	86.1	64.9	35.4	32.7	34.6
<u>SAC</u>							
Military	158.0	139.6	142.3	133.3	119.7	105.5	102.9
Civilian	20.5	17.5	19.6	20.5	19.2	13.4	13.1
Total SAC	178.5	157.1	161.9	153.8	138.9	118.9	116.0
<u>TAC</u>							
Military	104.2	93.0	98.4	81.1	80.3	87.0	86.0
Civilian	11.7	11.4	11.8	11.8	11.4	10.4	10.3
Total TAC	115.9	104.4	110.2	92.9	91.7	97.4	96.3
<u>USAFA</u>							
Military	1.9	2.2	2.3	2.3	2.2	2.4	2.4
Civilian	2.0	2.1	2.0	2.0	2.0	1.8	1.7
Total USAFA	4.0	4.3	4.3	4.3	4.2	4.2	4.1
<u>USAFE</u>							
Military	53.6	46.2	46.6	46.4	45.6	50.8	53.7
Civilian	15.3	12.3	12.1	13.3	11.0	10.3	9.8
Total USAFE	68.9	58.5	58.7	59.7	56.6	61.1	63.5
<u>USAFSO</u>							
Military	2.8	2.5	1.9	1.6	-	-	-
Civilian	1.1	1.1	.9	.8	-	-	-
Total USAFSO	3.9	3.6	2.8	2.4	-	-	-

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

<u>COMMAND/SOA</u>	<u>1968</u>	<u>1970</u> <sup>2</sup>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>
<u>Electronic Security Command</u>							
Military	25.5	23.5	19.3	17.8	15.0	11.6	9.7
Civilian	2.5	2.1	2.0	2.5	2.6	2.0	.9
Total USAFSS	28.0	25.6	21.4	20.3	17.6	13.6	10.6
<u>AFMEA</u>							
Military	-	-	-	-	.1	-	-
Civilian	-	-	-	-	*	-	-
Total AFMEA	-	-	-	-	.2	-	-
<u>AFESC</u>							
Military	-	-	-	-	-	.9	.3
Civilian	-	-	-	-	-	9.6	.3
Total AFESC	-	-	-	-	-	10.5	.6
CADETS	3.7	4.1	4.4	4.4	4.4	4.4	4.4
MIL PIPELINE	68.3	55.0	46.5	38.8	30.9	33.7	31.4
ANG CIV	-	18.0	19.7	23.0	23.5	23.8	23.7
TRANSIENTS	-	-	-	-	-	18.6	18.7

\* Less than 50.

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

SOURCE: AF/MPP and AF/MPM Strength Reports.

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

# MAJOR INSTALLATIONS

## AUTHORIZED STRENGTH<sup>1</sup> (FY 4/79)

### BY STATE

STATE/BASE	MIL	CIV	TOTAL	STATE/BASE	MIL	CIV	TOTAL
<u>Alabama</u>				<u>Georgia</u>			
Gunter AFS	1178	886	2064	Dobbins AFB	172	897	1069
Maxwell AFB	2252	1582	3834	Moody AFB	2775	465	3240
				Robins AFB	3780	14182	17962
<u>Alaska</u>				<u>Hawaii</u>			
Eielson AFB	2568	345	2913	Hickam AFB	5070	2475	7545
Elmendorf AFB	6070	1162	7232	Wheeler AFB	454	130	584
Shemya AFS	604	24	628				
<u>Arizona</u>				<u>Idaho</u>			
Davis-Monthan AFB	4795	1316	6111	Mountain Home	4111	469	4580
Luke AFB	5961	1112	7073				
Williams AFB	2393	751	3144	<u>Illinois</u>			
<u>Arkansas</u>				Chanute AFB	2498	1317	3815
Blytheville AFB	2596	362	2958	Chicago O'Hara IAP	33	640	673
Little Rock AFB	5914	610	6524	Scott AFB	6483	3169	9652
<u>California</u>				<u>Indiana</u>			
Beale AFB	4077	563	4640	Grissom AFB	2242	670	2912
Castle AFB	5562	439	6007				
Edwards AFB	3691	2015	5706	<u>Kansas</u>			
George AFB	4874	459	5333	McConnell AFB	3383	768	4151
Los Angeles AFS	1413	1063	2476	<u>Louisiana</u>			
March AFB	4073	918	4991	Barksdale AFB	5374	1004	6378
Mather AFB	3804	1271	5075	England AFB	2957	453	3410
McClellan AFB	2966	12588	15554	New Orleans NAS	4	445	449
Norton AFB	5198	2750	7948	<u>Maine</u>			
Travis AFB	8405	2385	10790	Loring AFB	3418	620	4038
Vandenberg AFB	4190	1482	5672	<u>Maryland</u>			
<u>Colorado</u>				Andrews AFB	5156	2991	8147
Lowry AFB	3275	4028	7303	<u>Massachusetts</u>			
Peterson AFB	1714	893	2607	L.G. Hanscom AFB	1888	2784	4672
AF Academy	2326	1898	4224	Westover AFB	99	723	822
<u>Delaware</u>				<u>Michigan</u>			
Dover AFB	4870	1369	6239	K.I. Sawyer AFB	3701	423	4124
<u>District of Columbia</u>				Selfridge AFB	102	1347	1449
Bolling AFB	1409	747	2156	Wurtsmith AFB	2736	390	3126
<u>Florida</u>				<u>Minnesota</u>			
Eglin AFB	7981	3395	11376	Duluth IAP	1105	368	1473
Hurlburt FLD AAF	3419	333	3752	Minneapolis-St. Paul IAP	29	571	600
Homestead AFB	4840	1060	5900	<u>Mississippi</u>			
MacDill AFB	5182	808	5990	Columbus AFB	2229	529	2758
Patrick AFB	3112	1714	4826	Keesler AFB	5438	2581	8019
Tyndall AFB	3980	1070	5050				

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

# MAJOR INSTALLATIONS

## AUTHORIZED STRENGTH<sup>1</sup> (FY 4/79)

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>Missouri</u>				<u>South Carolina</u>			
Richards-Gebaur AFB	57	302	359	Charleston AFB	4078	1314	5392
Whiteman AFB	3129	424	3553	Myrtle Beach AFB	2731	452	3183
				Shaw AFB	5398	562	5960
<u>Montana</u>				<u>South Dakota</u>			
Malmstrom AFB	4374	530	4904	Ellsworth AFB	6023	590	6613
<u>Nebraska</u>				<u>Tennessee</u>			
Offutt AFB	11766	1785	13551	Arnold AFS	93	150	243
<u>Nevada</u>				<u>Texas</u>			
Nellis AFB	7221	1067	8288	Bergstrom AFB	4525	760	5285
<u>New Hampshire</u>				Brooks AFB	1353	847	2200
Pease AFB	3273	685	3958	Carswell AFB	4584	933	5517
<u>New Jersey</u>				Dyess AFB	4886	452	5338
McGuire AFB	4749	1815	6564	Goodfellow AFB	904	288	1192
<u>New Mexico</u>				Kelly AFB	3606	16251	19857
Cannon AFB	4035	411	4446	Lackland AFB	6265	2045	8310
Holloman AFB	5461	1147	6608	Laughlin AFB	2063	553	2616
Kirtland AFB	3973	2837	6810	Randolph AFB	4919	2427	7346
<u>New York</u>				Reese AFB	1909	644	2553
Griffiss AFB	3694	2924	6618	Sheppard AFB	3458	1675	5133
Hancock Fld	851	474	1325	<u>Utah</u>			
Niagara Falls IAP	26	650	676	Hill AFB	4828	13345	18173
Plattsburg AFB	3743	417	4160	<u>Virginia</u>			
<u>North Carolina</u>				Ft Lee AFS	510	61	571
Pope AFB	3491	319	3810	Langley AFB	9015	1554	10569
Seymour Johnson AFB	4987	552	5539	<u>Washington</u>			
<u>North Dakota</u>				Fairchild AFB	3870	871	4741
Grand Forks AFB	5105	486	5591	McChord AFB	4996	1395	6391
Minot AFB	5413	523	5936	<u>Wisconsin</u>			
<u>Ohio</u>				Gen B. Mitchell Fld	14	545	559
Rickenbacker AFB	1804	1180	2984	<u>Wyoming</u>			
Wright-Patterson AFB	7068	15761	22829	F.E. Warren AFB	3665	458	4123
Youngstown MPT	4	293	297				
<u>Oklahoma</u>							
Altus	3552	613	4165				
Tinker AFB	5225	15897	21122				
Vance AFB	750	144	894				
<u>Pennsylvania</u>							
Greater Pittsburg IAP	26	766	792				
Willow Grove NAS	7	242	249				

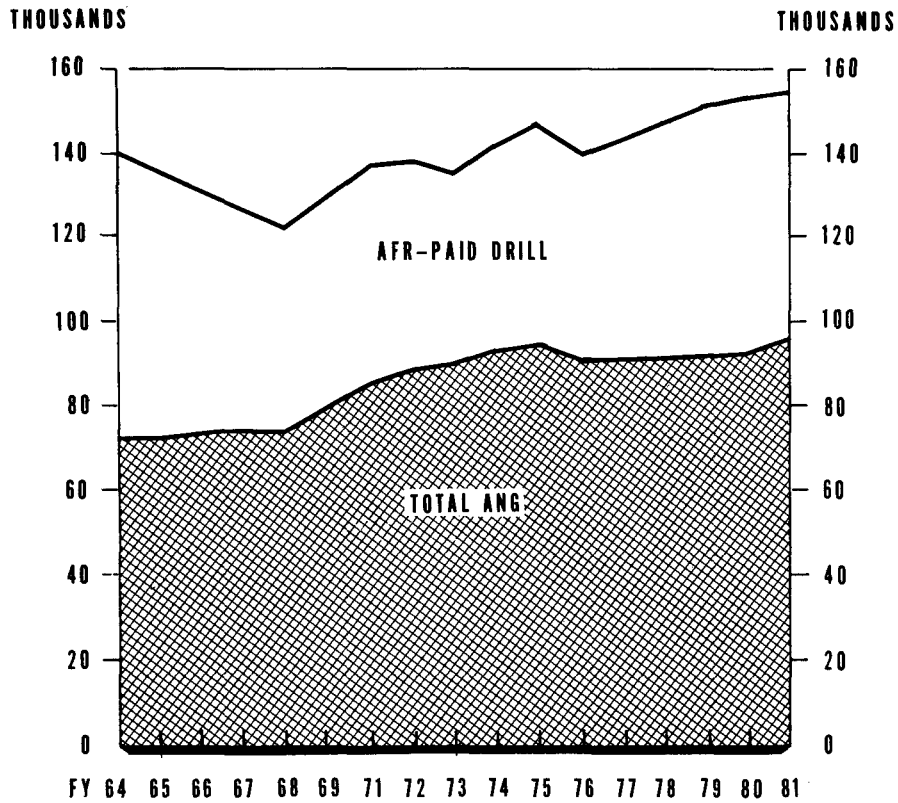
<sup>1</sup> Includes Air Force active personnel & ANG & AFR technicians. Does not include students.

# RESERVE AND ANG FORCES

(THOUSANDS)

	<u>FY 1964</u>	<u>1968</u>	<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>1979</u>	<u>1980<sup>1</sup></u>	<u>1981<sup>1</sup></u>
<b>Air Reserve Forces</b>													
ANG Paid	73	75	86	89	90	94	95	91	92	92	93	94	96
AFR Paid*	67	46	52	49	45	48	52	49	51	55	58	59	60
AFR Non-Paid	97	145	193	155	135	119	85	82	61	45	40	38	42
<b>Total Ready Reserve**</b>	<b>237</b>	<b>266</b>	<b>331</b>	<b>293</b>	<b>270</b>	<b>261</b>	<b>232</b>	<b>222</b>	<b>204</b>	<b>192</b>	<b>201</b>	<b>191</b>	<b>198</b>
Standby	130	101	107	64	46	46	45	44	44	43	43	43	43
<b>Total ANG &amp; Reserve**</b>	<b>367</b>	<b>367</b>	<b>439</b>	<b>357</b>	<b>316</b>	<b>307</b>	<b>276</b>	<b>266</b>	<b>248</b>	<b>235</b>	<b>244</b>	<b>234</b>	<b>241</b>

<sup>1</sup> Projected Program; includes full time active duty and paid Air National Guard.  
 \* Includes Selected Reserve plus Category D (Active Duty Training Only) Participants.  
 \*\* Totals may not add due to rounding.



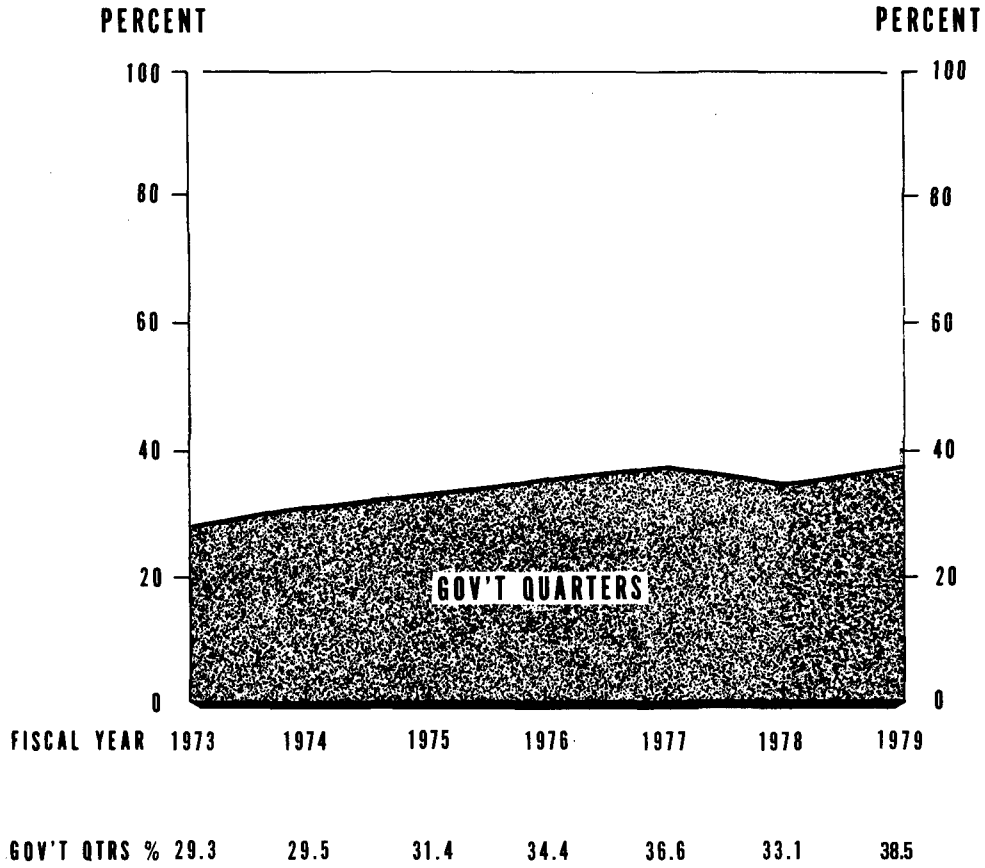
## FAMILY HOUSING TRENDS

(End Fiscal Year)

	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
TOTAL PERSONNEL (Thousands)	686.6	639.4	608.2	580.2	574.9	568.2	559.8
OFFICERS	114.8	110.3	105.0	99.6	98.0	95.9	95.0
AIRMEN	571.8	529.1	503.2	481.2	476.9	472.3	464.8
<u>OFFICERS (With Dependents)</u>							
Living in Government Quarters	33,483	30,028	30,414	30,980	27,992	23,885	21,804
Living Off-Base with BAQ	64,267	62,670	58,265	50,492	53,222	53,774	53,929
<u>ENLISTED (With Dependents)</u>							
Living in Government Quarters	105,630	104,113	103,702	105,782	112,284	114,787	113,407
Living Off-Base with BAQ	270,615	257,663	235,272	209,725	190,086	227,684	165,929
<u>TOTALS</u>							
Living in Government Quarters	139,113	134,141	134,116	136,762	140,276	138,672	*137,699
Living Off-Base with BAQ	334,882	320,333	293,537	260,217	243,308	281,458	219,858
TOTAL ACTIVE GOVERNMENT UNITS							
Beginning Year	145,371	140,988	137,421	139,102	142,475	141,681	140,913
Gains	2,763	2,633	3,555	4,549	5,868	2,076	3,232
Losses	7,146	6,200	1,874	1,176	6,662	2,844	3,890
END YEAR	140,988	137,421	139,102	142,475	141,681	140,913	140,255
AVERAGE NUMBER OF VACANT UNITS	1,700	1,400	1,400	1,400	1,800	2,700	2,900

\* NOTE: INCLUDES 2,488 OTHER SERVICE MILITARY PERSONNEL AND CIVILIANS.

# HOUSING OF MEMBERS WITH DEPENDENTS



## RATED OFFICER REQUIREMENTS/INVENTORY

<u>CATEGORY</u>	<u>PILOTS</u>		<u>NAVIGATORS</u>	
	<u>30 SEP 78</u>	<u>30 SEP 79</u>	<u>30 SEP 78</u>	<u>30 SEP 79</u>
Force	9,673	9,577	5,472	5,069
Training	3,189	3,376	865	759
Supervision/Staff	5,633	5,858	2,733	2,872
Advanced Students	1,390	1,387	613	644
Surge & Drawdown	1,126	2,502	651	937
Transients	691	637	306	282
Educational Development	279	436	125	170
Total Rated Requirement <sup>1</sup>	21,981	23,773	10,765	10,733
Total Rated Inventory <sup>1</sup>	24,913	22,471	11,587	10,694

	<u># RECEIVING INCENTIVE PAY</u>		<u># ACTUALLY FLYING</u>	
	<u>SEP 78</u>	<u>SEP 79</u>	<u>SEP 78</u>	<u>SEP 79</u>
<b>Pilots:</b>				
Colonel & General	1,711	1,519	613	428
Lt Colonel & Below	24,628	22,225	17,932	16,861
<b>Navigators:</b>				
Colonel & General	398	396	7	4
Lt Colonel & Below	11,434	10,562	7,629	7,132
<b>TOTALS</b>	<b>38,171</b>	<b>34,702</b>	<b>26,181</b>	<b>24,425</b>

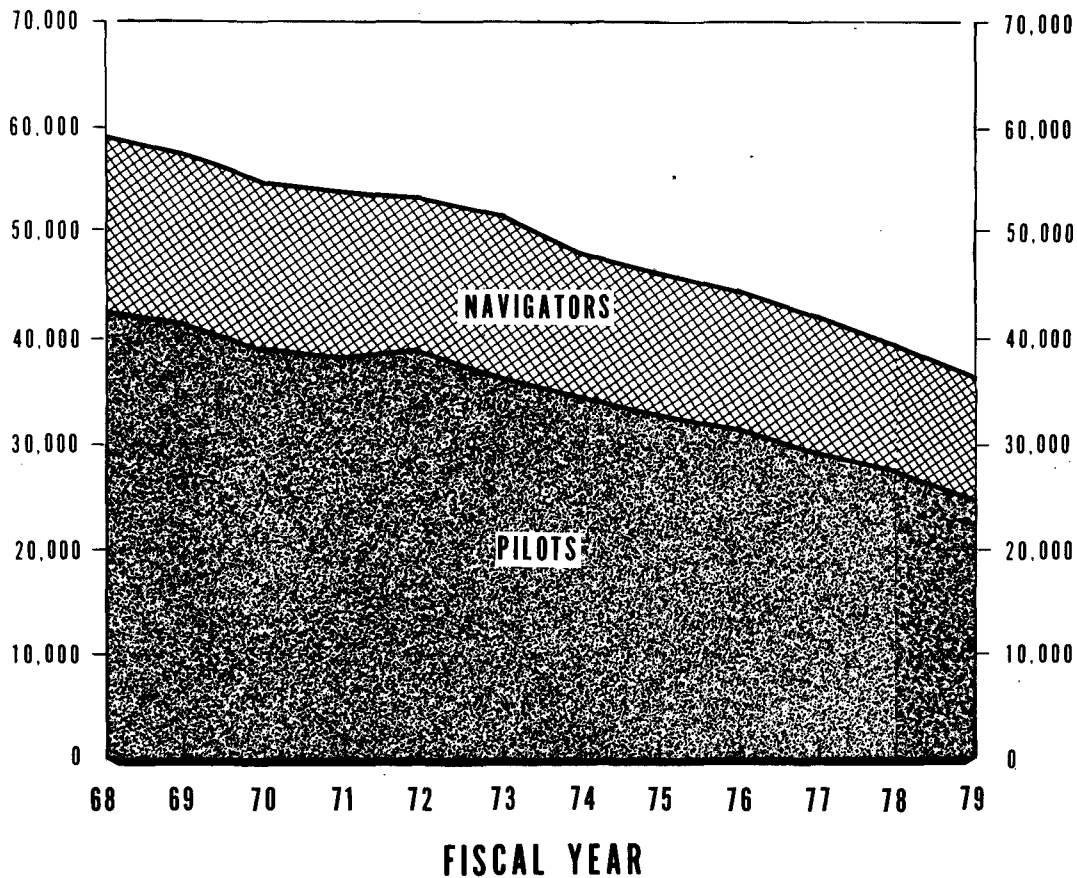
<sup>1</sup> Colonels & Generals are not included in the Rated Inventory or Rated Requirements.

# RATED OFFICERS ON FLYING STATUS

<u>FY</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<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>1979</u>
Pilots	42,206	41,367	39,052	38,893	39,035	36,865	34,634	32,716	31,284	29,222	27,624	25,040
Navigators	16,988	16,382	15,304	14,885	14,692	14,315	13,780	13,923	13,396	12,842	12,177	11,317
TOTAL	59,194	57,749	54,356	53,778	53,727	51,180	48,414	46,639	44,680	42,064	39,801	36,357

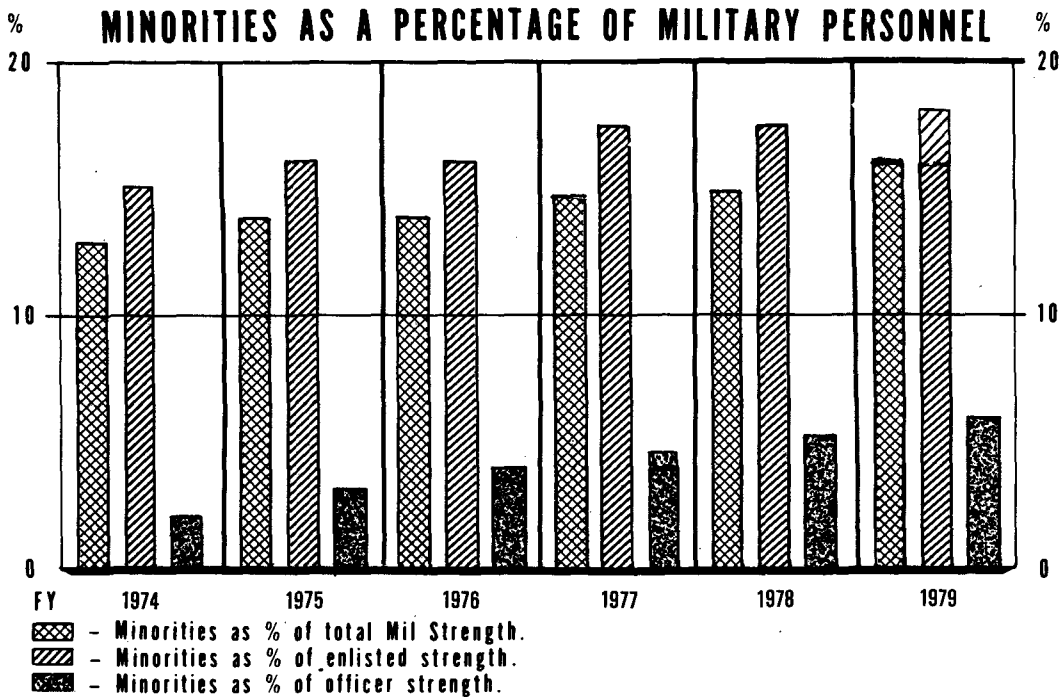
NOTE: The above data reflects pilots and navigators serving in all grades

## RATED OFFICERS ON FLYING STATUS



## MILITARY PERSONNEL MINORITIES BY GRADE (End of Fiscal Year)

	1974		1975		1976		1977		1978		1979	
	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other	BLACK	OTHER
<b>Officers - Total</b>	2,468	678	2,670	718	2,757	748	3,116	1,095	3,461	1,309	4,087	1,529
General	3	-	5	1	5	1	7	1	8	1	7	3
Colonel	75	22	76	26	82	27	81	39	76	41	79	43
Lt Colonel	197	78	178	66	178	78	181	106	194	126	231	151
Major	388	119	366	155	394	183	449	260	462	351	443	387
Captain	913	282	911	283	914	284	1,112	405	1,324	466	1,456	471
1st Lieutenant	267	59	461	86	628	108	670	124	597	127	703	163
2nd Lieutenant	624	117	672	101	556	103	616	160	800	197	1,168	311
Warrant Officer	1	1	1	0	0	0	0	0	0	0	0	0
<b>Enlisted - Total</b>	75,226	5,168	72,530	5,481	70,772	6,532	68,772	9,763	69,954	11,333	72,659	12,443
CMSgt (E-9)	256	22	283	23	325	26	346	33	386	39	393	49
SMSgt (E-8)	701	60	768	51	803	45	917	68	992	81	1,020	90
MSgt (E-7)	3,477	202	3,622	225	3,653	239	3,921	343	4,220	405	4,425	467
TSgt (E-6)	9,077	456	8,178	426	8,121	434	7,859	612	7,688	686	7,869	768
SSgt (E-5)	16,410	889	14,677	902	13,977	915	15,077	1,503	16,513	1,964	17,741	2,262
Sgt (E-4)	20,319	1,509	20,320	1,643	21,093	1,810	21,727	2,564	19,603	2,824	17,629	3,326
Amn 1st (E-3)	13,502	1,158	15,475	1,445	15,429	1,485	11,295	2,437	11,642	3,239	13,653	3,363
Amn (E-2)	6,803	506	6,428	514	5,218	950	3,933	1,105	4,449	1,076	4,851	997
Amn Basic (E-1)	4,681	366	2,779	252	2,153	628	3,697	1,098	4,461	1,019	5,078	1,121
<b>Total</b>	73,694	5,846	75,200	6,199	73,529	7,280	71,888	10,853	73,415	12,642	76,746	13,972
% of Total Force	12.1	.9	12.9	1.0	12.7	1.3	12.7	1.9	13.0	2.2	13.8	2.5
Officers (% of Total Off)	2.2	.6	2.7	.7	2.8	.8	3.3	1.1	3.6	1.4	4.3	1.6
Enlisted (% of Total Enl)	14.2	1.0	14.7	1.1	14.7	1.4	14.7	2.1	14.9	2.4	15.8	2.7



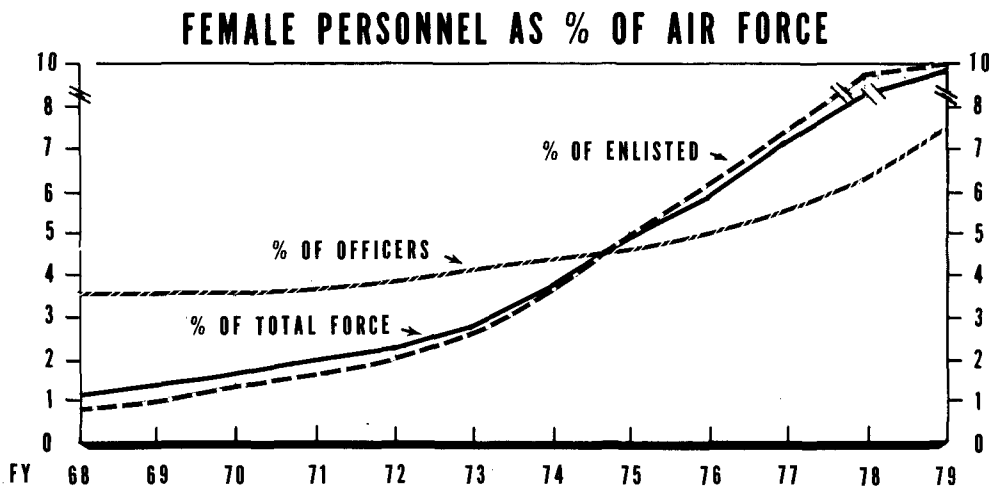
# MILITARY PERSONNEL

## FEMALE PERSONNEL, BY GRADE

(As of End Fiscal Year)

	1968 <sup>1</sup>	1970	1972	1974	1976	1978	1979
<b>Female Officers - Total</b>	4,991	4,667	4,766	4,767	4,965	6,008	7,272
Generals	-	-	1	1	2	2	2
Colonels	16	26	53	73	54	50	51
Lieutenant Colonels	235	329	296	268	278	309	307
Majors	779	807	798	752	634	719	719
Captains	1,700	1,811	1,856	1,579	1,774	2,246	2,629
First Lieutenants	1,370	1,019	1,052	1,037	1,311	1,397	1,555
Second Lieutenants	891	675	710	957	912	1,285	2,009
Warrant Officers	-	-	-	-	-	-	-
<b>Enlisted Females - Total</b>	6,123	8,987	11,725	19,465	29,235	41,084	45,954
Chief Master Sergeant (E-9)	6	6	11	12	12	11	11
Senior Master Sergeant (E-8)	27	31	28	33	30	30	26
Master Sergeant (E-7)	127	149	136	98	79	92	104
Technical Sergeant (E-6)	248	257	207	171	183	252	331
Staff Sergeant	496	609	919	1,216	1,389	3,445	5,373
Sergeant (E-4)	1,170	1,912	3,607	4,879	8,422	12,524	13,248
Airman First Class (E-3)	2,294	3,329	4,116	6,758	11,278	13,149	15,484
Airman Second Class (E-2)	1,362	2,080	2,054	3,932	5,367	6,079	6,122
Airman Basic (E-1)	393	614	647	2,371	2,475	5,129	5,255
Air Force Academy Cadets	-	-	-	-	157	373	473
<b>TOTAL FEMALES</b>	11,114	13,654	16,491	24,232	34,357	47,092	53,699
% of Total Force	1.2	1.7	2.3	3.8	5.9	8.3	9.6
Officers (% of Total Officers)	3.6	3.6	3.9	4.3	5.0	6.3	7.6
Enlisted (% of Total Enlisted)	.8	1.4	2.0	3.7	6.1	8.7	10.0

<sup>1</sup>Includes mobilized personnel



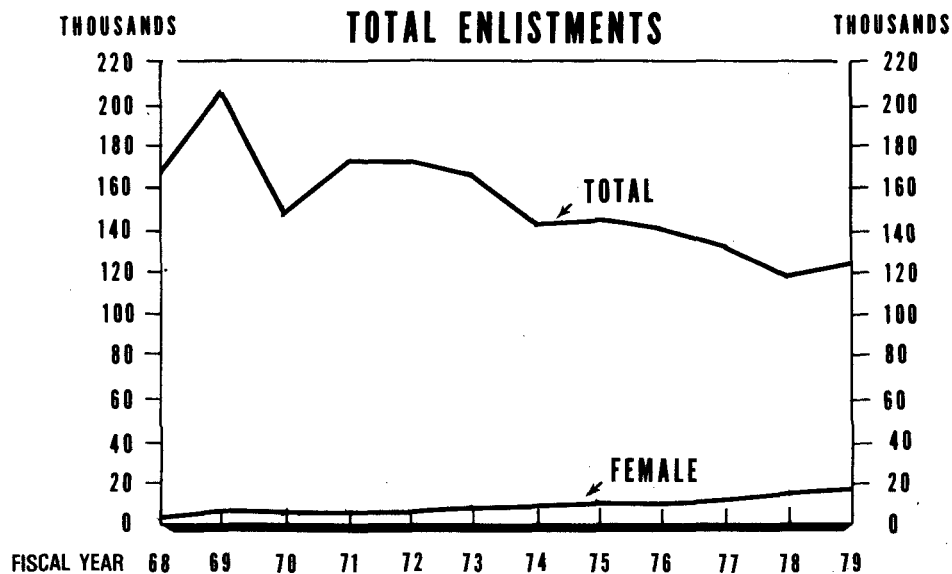
## MILITARY PERSONNEL AIRMEN ENLISTMENTS AND REENLISTMENTS

(Thousands)

FY	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>TOTAL</b>	167.4	205.3	148.1	173.7	175.7	165.4	143.8	146.1	141.4	134.1	119.6	123.4
Male	164.0	200.8	143.1	168.7	170.1	157.8	134.1	134.7	130.9	121.7	104.3	105.9
Female	3.4	4.5	4.9	5.0	5.6	7.5	9.8	11.4	10.5	12.4	15.3	17.5
<b>Non Prior Service</b>	90.5	116.8	72.9	96.2	86.0	93.9	73.5	75.6	73.0	72.5	68.0	66.6
Male	87.6	113.0	68.5	91.9	81.5	87.7	65.5	65.5	64.1	62.6	55.3	53.2
Female	2.9	3.8	4.4	4.3	4.5	6.2	8.0	10.0	8.9	9.9	12.7	13.4
<b>OTS</b>	5.3	5.0	4.5	3.9	3.0	2.7	1.6	.5	.2	.4	1.1	3.3
Male	5.0	4.7	4.3	3.6	2.8	2.4	1.3	.4	.2	.3	.8	2.4
Female	.3	.3	.2	.3	.2	.3	.3	.1	*	.1	.3	.9
<b>Prior Service</b>	4.5	1.0	.9	5.8	8.4	7.1	2.7	2.5	1.5	1.4	1.3	1.4
Male	4.5	1.0	.9	5.8	8.3	6.9	2.6	2.4	1.5	1.4	1.2	1.3
Female	*	*	*	*	.1	.2	.1	.1	*	*	.1	.1
<b>Immediate Reenlistment</b>	67.1	82.4	69.8	67.8	78.3	61.7	66.0	67.5	66.7	59.8	49.2	52.1
Male	66.9	82.1	69.4	67.4	77.6	60.8	64.7	66.3	65.1	57.4	47.0	49.0
Female	.2	.3	.3	.4	.7	.9	1.3	1.2	1.6	2.4	2.2	3.1
<b>First Term Reenlistment Rate</b>												
Rate (%)	18.1	15.2	15.8	20.3	32.6	20.4	31.1	40.1	37.3	39.0	41.1	38.0

\*Less than 50.

NOTE: Numbers may not add due to rounding.



# MILITARY PAY AND ALLOWANCES

## AIR FORCE-DOD AVERAGE

### FY 1980

Grade	Air Force Basic Pay	Average Basic Pay	BAQ		Misc Expense		Incentive/ Special Pay		Annual Composite Standard Rates	
			Air Force	DOD Avg	Air Force	DOD Avg	Air Force	DOD Avg	Air Force	DOD Avg
O-10	50,113	50,113	-	-	7,519	7,616	-	81	57,632	57,769
O-9	50,113	50,113	560	1,171	4,422	4,824	83	624	55,178	56,439
O-8	47,354	47,349	1,140	2,013	4,191	4,424	154	759	52,839	54,545
O-7	41,173	41,172	1,679	2,195	3,793	3,665	636	1,104	47,281	48,136
O-6	34,056	34,514	3,011	3,252	3,680	3,776	2,071	2,082	42,818	43,636
O-5	27,803	27,977	3,526	3,399	3,331	3,272	1,785	1,545	36,445	36,193
O-4	22,952	22,901	3,128	2,899	2,882	2,916	1,675	1,468	30,637	30,184
O-3	18,961	18,992	2,723	2,563	2,863	2,834	1,652	1,143	26,199	25,531
O-2	14,501	14,769	1,910	1,862	2,002	2,296	510	528	18,923	19,455
O-1	10,895	10,857	1,210	1,049	1,634	1,872	316	417	14,055	14,194
W-4	22,828	21,827	3,938	3,067	2,210	2,919	--	396	28,976	28,209
E-9	18,646	18,246	2,085	2,387	3,436	3,360	97	132	24,264	24,124
E-8	15,444	15,081	1,762	2,060	3,149	3,089	115	145	20,470	20,375
E-7	13,053	12,648	1,612	1,777	2,878	2,753	99	149	17,642	17,328
E-6	10,966	10,414	1,450	1,553	2,620	2,550	87	142	15,123	14,658
E-5	8,928	8,425	1,252	1,279	2,430	2,395	70	143	12,680	12,242
E-4	7,599	7,273	1,072	914	2,226	2,231	47	116	10,944	10,533
E-3	6,461	6,448	716	552	1,948	2,035	29	56	9,154	9,091
E-2	6,001	5,970	432	339	1,874	1,961	26	46	8,333	8,315
E-1	5,385	5,355	308	237	1,787	1,846	17	29	7,498	7,467
Cadets	4,507	4,485	--	--	1,345	1,386	--	--	5,852	5,897



# PAY AND ALLOWANCES OF THE UNIFORMED SERVICES

## MONTHLY BASIC PAY AS OF 1 OCTOBER 1979

PAY GRADE	YEARS OF SERVICE														
	Under 2	2	3	4	6	8	10	12	14	16	18	20	22	26	
<b>COMMISSIONED OFFICERS</b>															
O-10	\$3,529.80	\$3,654.00	\$3,654.00	\$3,654.00	\$3,654.00	\$3,794.10	\$3,794.10	\$4,084.80	\$4,084.80	\$4,377.00*	\$4,377.00*	\$4,669.80*	\$4,669.80*	\$4,961.10*	
O-9	3,128.40	3,210.60	3,278.70	3,278.70	3,278.70	3,362.40	3,362.40	3,501.90	3,501.90	3,794.10	3,794.10	4,084.80	4,084.80	4,377.00*	
O-8	2,833.50	2,918.40	2,987.70	2,987.70	2,987.70	3,210.60	3,210.60	3,362.40	3,362.40	3,501.90	3,654.00	3,794.10	3,946.20	3,946.20	
O-7	2,354.40	2,514.60	2,514.60	2,514.60	2,627.10	2,627.10	2,779.80	2,779.80	2,918.40	3,210.60	3,431.10	3,431.10	3,431.10	3,431.10	
O-6	1,745.10	1,917.60	2,042.70	2,042.70	2,042.70	2,042.70	2,042.70	2,042.70	2,112.00	2,446.50	2,571.60	2,627.10	2,779.80	3,014.70	
O-5	1,395.90	1,639.20	1,752.30	1,752.30	1,752.30	1,752.30	1,805.70	1,902.30	2,029.50	2,181.60	2,307.00	2,376.60	2,459.70	2,459.70	
O-4	1,176.60	1,432.20	1,528.20	1,528.20	1,556.10	1,625.40	1,736.10	1,833.90	1,917.60	2,001.30	2,057.10	2,057.10	2,057.10	2,057.10	
O-3	1,093.50	1,222.20	1,306.50	1,445.70	1,514.70	1,569.60	1,653.90	1,736.10	1,778.70	1,778.70	1,778.70	1,778.70	1,778.70	1,778.70	
O-2	953.10	1,041.30	1,250.70	1,293.00	1,319.70	1,319.70	1,319.70	1,319.70	1,319.70	1,319.70	1,319.70	1,319.70	1,319.70	1,319.70	
O-1	827.40	861.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	1,041.30	
<b>COMMISSIONED OFFICERS WITH OVER 4 YEARS ACTIVE SERVICE AS ENLISTED MEMBERS</b>															
O-3	Ø	Ø	Ø	1,445.70	1,514.70	1,569.60	1,653.90	1,736.10	1,805.70	1,805.70	1,805.70	1,805.70	1,805.70	1,805.70	
O-2	Ø	Ø	Ø	1,293.00	1,319.70	1,361.70	1,432.20	1,487.40	1,528.20	1,528.20	1,528.20	1,528.20	1,528.20	1,528.20	
O-1	Ø	Ø	Ø	1,041.30	1,112.10	1,153.20	1,194.90	1,236.60	1,293.00	1,293.00	1,293.00	1,293.00	1,293.00	1,293.00	
<b>WARRANT OFFICERS</b>															
W-4	1,113.90	1,194.90	1,194.90	1,222.20	1,278.00	1,334.40	1,390.20	1,487.40	1,556.10	1,611.30	1,653.90	1,707.90	1,765.20	1,902.30	
W-3	1,012.50	1,098.30	1,098.30	1,112.10	1,125.30	1,207.50	1,278.00	1,319.70	1,361.70	1,402.50	1,445.70	1,501.50	1,556.10	1,611.30	
W-2	886.80	959.10	959.10	987.00	1,041.30	1,098.30	1,139.70	1,181.40	1,222.20	1,265.10	1,306.50	1,347.90	1,402.50	1,402.50	
W-1	738.90	847.20	847.20	917.70	959.10	1,000.50	1,041.30	1,084.20	1,125.30	1,166.70	1,207.50	1,250.70	1,250.70	1,250.70	
<b>ENLISTED MEMBERS</b>															
E-9	Ø	Ø	Ø	Ø	Ø	Ø	1,265.40	1,294.20	1,323.60	1,354.20	1,384.20	1,411.20	1,485.60	1,629.60	
E-8	Ø	Ø	Ø	Ø	Ø	1,061.70	1,091.40	1,120.50	1,149.90	1,179.90	1,207.20	1,236.90	1,309.50	1,455.60	
E-7	741.30	800.10	829.80	858.60	888.30	916.20	945.60	975.00	1,019.10	1,047.90	1,077.60	1,091.40	1,164.90	1,309.50	
E-6	640.20	698.10	727.20	757.80	786.00	814.80	844.80	883.30	916.20	945.60	960.00	960.00	960.00	960.00	
E-5	562.20	611.70	641.40	669.30	713.10	742.20	771.90	800.10	814.80	814.80	814.80	814.80	814.80	814.80	
E-4	540.30	570.60	603.90	651.00	676.80	676.80	676.80	676.80	676.80	676.80	676.80	676.80	676.80	676.80	
E-3	519.60	548.10	570.30	592.80	592.80	592.80	592.80	592.80	592.80	592.80	592.80	592.80	592.80	592.80	
E-2	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	500.10	
E-1	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	448.80	

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 \$5,373.80 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 \$1,980.90 regardless of cumulative years of service.

\*Basic pay is limited to \$4,176.00 by Level V of the Executive Schedule.

## MONTHLY BASIC ALLOWANCE FOR QUARTERS RATES

<u>Pay Grade</u>	<u>Full Rate</u>	<u>Without Dependents</u>		<u>With Dependents</u>
			<u>Partial Rate</u>	
Commissioned Officers				
O-10	383.10		50.70	479.10
O-9	383.10		50.70	479.10
O-8	383.10		50.70	479.10
O-7	383.10		50.70	479.10
O-6	343.80		39.60	419.40
O-5	316.80		33.00	381.60
O-4	282.30		26.70	340.50
O-3	248.10		22.20	306.30
O-2	215.40		17.70	272.70
O-1	168.00		13.20	219.00
Warrant Officers				
W-4	271.80		25.20	328.20
W-3	242.40		20.70	298.80
W-2	210.90		15.90	268.20
W-1	190.50		13.80	246.60
Enlisted Members				
E-9	205.20		18.60	288.60
E-8	189.00		15.30	266.70
E-7	160.80		12.00	248.10
E-6	146.10		9.90	228.30
E-5	140.40		8.70	209.70
E-4	123.90		8.10	184.50
E-3	110.70		7.80	160.80
E-2	97.80		7.20	160.80
E-1	92.40		6.90	160.80

### BASIC ALLOWANCE FOR SUBSISTANCE RATES

Officers: 67.21

Enlisted Members:

When on leave or authorized mess separately: 3.21

When rations in-kind are not available: 3.62

When assigned to duty under emergency conditions where no messing facilities of the United States are available: 4.79

# MILITARY BASIC PAY TREND AND CURRENT FLIGHT PAY

PAY GRADE	YEARS SERVICE	JUL 68	1 JAN 72	1 OCT 79	CURRENT	
					CREW MEMBER FLIGHT PAY	% INCREASE JUL 68-OCT 79
E-1	0-2	145.50	288.00	448.80	50.00	238
E-2	0-2	159.00	320.70	500.10	50.00	215
E-3	0-2	192.00	333.60	548.10	55.00	185
E-4	2-3	238.50	366.00	570.60	65.00	139
E-5	4-6	304.80	429.30	669.30	80.00	120
E-6	14-16	417.30	587.70	916.20	100.00	120
E-7	18-20	490.50	690.60	1,077.60	105.00	120
E-8	20-22	563.40	793.50	1,236.90	105.00	120
E-9	22-26	676.50	952.80	1,485.60	105.00	120
W-1	10-12	474.30	667.80	1,041.30		120
W-2	16-18	576.00	811.20	1,265.10		120
W-3	20-22	683.70	962.70	1,501.50		120
W-4	26-30	866.40	1,219.80	1,902.30		120
O-1	0-2	379.80	530.70	861.30		127
O-2	2-3	474.30	802.20	1,041.30		120
O-3	6-8	689.70	971.40	1,514.70		120
O-4	14-16	873.30	1,230.00	1,917.60		120
O-5	20-22	1,082.10	1,523.70	2,376.60		120
O-6	26-30	1,373.10	1,933.20	3,014.70		120
O-7	26-30	1,563.00	2,200.50	3,431.10		120
O-8	26-30	1,797.60	2,531.10	3,946.20		120
O-9	26-30	1,933.80	2,807.10	4,176.00		116
O-10	26-30	2,259.60	3,000.00	(4,377.00)*		85
				(4,961.10)*		

\*Basic pay is limited to \$4,176.00 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 INCENTIVE PAY RATES-RATED OR DESIGNATED WARRANT OFFICERS	
Monthly Rate	Years of Aviation Service (Including Flight Training) as an Officer	Monthly Rate	Years of Aviation Service as an Officer
\$100.	2 or less	\$100	2 or less
\$125.	Over 2	\$110	Over 2
\$150.	Over 3	\$200	Over 6
\$165.	Over 4		
\$245.	Over 6		

PHASE II		NON-CREW MEMBER FLYING PAY	
Monthly Rate	Years of Service as an Officer as Computed under 37 U.S.C. 205	Officer	Mo. Rate
\$225.	Over 18	Enlisted non-crew member	\$ 55
\$205.	Over 20		
\$185.	Over 22		
\$165.	Over 24		
\$000.	Over 25		

- <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. Officers 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 79

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	Amount of Step Increase
GS- 1	\$ 7,210	\$ 7,450	\$ 7,690	\$ 7,930	\$ 8,170	\$ 8,410	\$ 8,650	\$ 8,890	\$ 8,902	\$ 9,126	
2	8,128	8,399	8,670	8,902	9,002	9,267	9,532	9,797	10,062	10,327	
3	8,952	9,250	9,548	9,846	10,144	10,442	10,740	11,038	11,336	11,634	\$ 298
4	10,049	10,384	10,719	11,054	11,389	11,724	12,059	12,394	12,729	13,064	335
5	11,243	11,618	11,993	12,368	12,743	13,118	13,493	13,868	14,243	14,618	375
6	12,531	12,949	13,367	13,785	14,203	14,621	15,039	15,457	15,875	16,293	418
7	13,925	14,389	14,853	15,317	15,781	16,245	16,709	17,173	17,637	18,101	464
8	15,423	15,937	16,451	16,965	17,479	17,993	18,507	19,021	19,535	20,049	514
9	17,035	17,603	18,171	18,739	19,307	19,875	20,443	21,011	21,579	22,147	568
10	18,760	19,385	20,010	20,635	21,260	21,885	22,510	23,135	23,760	24,385	625
11	20,611	21,298	21,985	22,672	23,359	24,046	24,733	25,420	26,107	26,794	687
12	24,703	25,526	26,349	27,172	27,995	28,818	29,641	30,464	31,287	32,110	823
13	29,375	30,354	31,333	32,312	33,291	34,270	35,249	36,228	37,207	38,186	979
14	34,713	35,870	37,027	38,184	39,341	40,498	41,655	42,812	43,969	45,126	1,157
15	40,832	42,193	43,554	44,915	46,276	47,637	48,998	50,359*	51,720*	53,081*	1,361
16	47,889	49,485	51,081*	52,677*	54,273*	55,869*	57,465*	59,061*	60,657*		1,596
17	56,099*	57,969*	59,839*	61,709*	63,579*						1,870
18	65,750*										

\* 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 101 of the Continuing Resolution Authority, 1980, 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, 1979, which is \$50,112.50.

## CONSOLIDATED SCHEDULE OF PERMANENT AF POSITIONS

GRADES AND RANGES	1979 ACTUAL	1980 ESTIMATE	1981 ESTIMATE
Executive Level II	1	1	1
Executive Level IV	4	4	4
Subtotal	<u>5</u>	<u>5</u>	<u>5</u>
ES-5		1	1
ES-4	181	180	180
ES-3	30	31	31
ES-2	11	10	10
Subtotal	<u>222</u>	<u>222</u>	<u>222</u>
GS/GM-15	910	910	892
GS/GM-14	2,876	2,911	2,852
GS/GM-13	8,337	8,502	8,331
GS-12	14,258	13,921	13,792
GS-11	14,877	14,623	14,469
GS-10	1,341	1,324	1,308
GS-9	17,185	16,979	16,835
GS-8	3,671	3,626	3,600
GS-7	12,634	12,482	12,357
GS-6	8,775	8,670	8,605
GS-5	20,873	20,698	20,533
GS-4	16,661	16,461	16,321
GS-3	9,857	9,904	9,826
GS-2	1,716	1,696	1,683
GS-1	137	135	134
Subtotal	134,108	132,842	131,538
Positions established by the Secretary of Defense (10 U.S.C. 1581): Scientific and Professional Ungraded	8 92,250	8 93,243	8 92,683
Total permanent positions	229,593	226,320	224,456
Unfilled positions, end of year		-1,820	-1,958
Total permanent employment, end of year	229,593	224,500	222,498

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

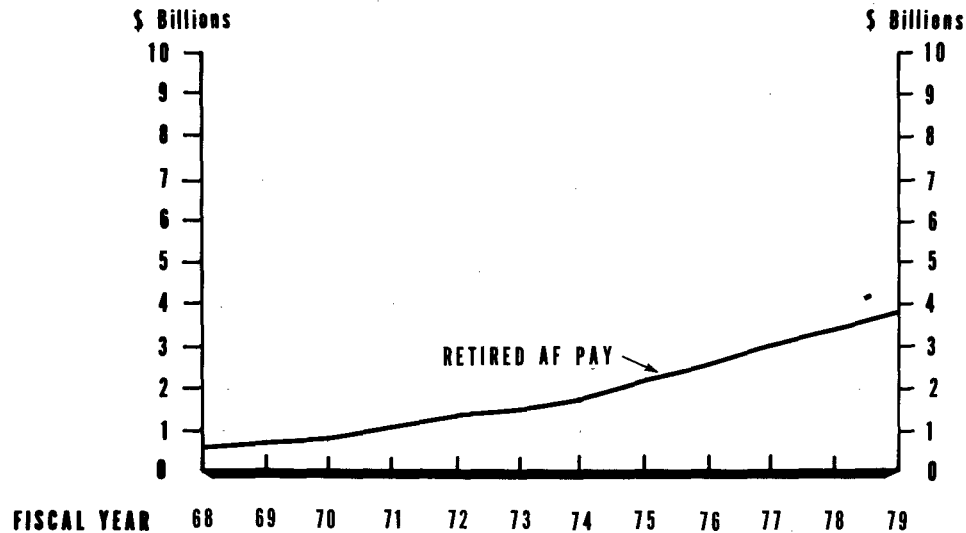
### TOTAL ON RETIRED ROLLS (CUMULATIVE)<sup>1</sup> (IN THOUSANDS)

	1968	1970	1972	1974	1976	1978	1979
TOTAL	180.0	226.7	283.4	340.8	392.4	435.1	452.3
Officer	( 59.7)	( 73.1)	( 85.5)	( 95.7)	( 105.1)	( 116.0)	( 121.4)
%	33.2	32.2	30.2	28.1	26.8	26.6	26.8
Enlisted	(118.8)	(151.5)	( 95.3)	( 240.3)	( 279.1)	( 307.1)	( 317.1)
%	66.0	66.8	68.9	70.5	71.1	70.6	70.1
Survivor Benefits	( 1.5)	( 2.0)	( 2.6)	( 4.8)	( 8.2)	( 12.0)	( 13.8)
%	.8	.9	.9	1.4	2.1	2.8	3.1

### TOTAL PAYROLL COST (ANNUAL) (DOLLARS IN MILLIONS)

TOTAL	590.9	872.2	1,291.3	1,805.8	2,653.9	3,380.0	3,799.3
Officer	(321.7)	(462.0)	( 662.7)	( 868.0)	(1,214.4)	(1,521.8)	(1,706.3)
%	54.4	52.9	51.3	41.1	45.8	45.0	44.9
Enlisted	(267.1)	(407.1)	( 624.2)	( 928.9)	(1,419.9)	(1,824.5)	(2,046.2)
%	45.2	46.7	48.3	51.4	53.5	54.0	53.9
Survivor Benefits	( 2.1)	( 3.1)	( 4.4)	( 8.9)	( 19.6)	( 33.7)	( 46.8)
%	.4	.4	.4	.5	.7	1.0	1.2

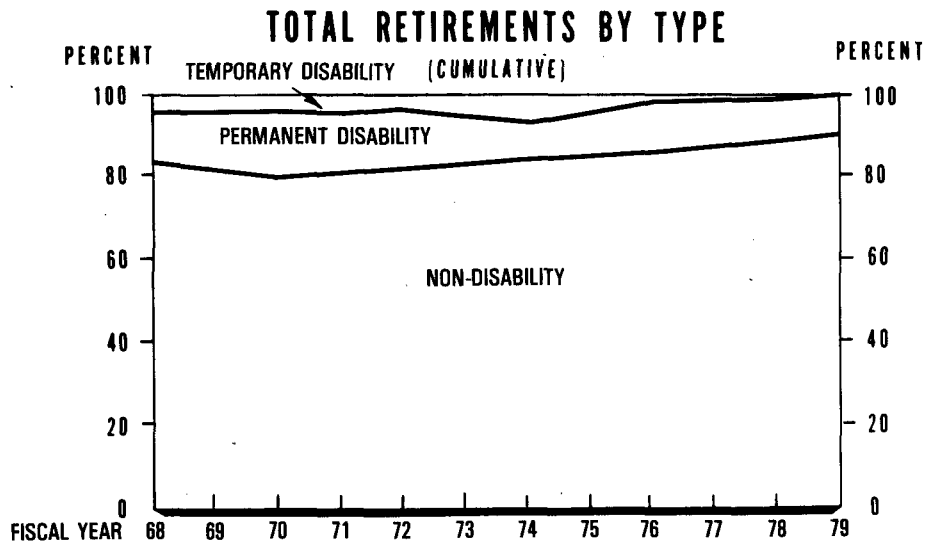
<sup>1</sup> Depicts number on AF rolls only, i.e., excludes VA and disability retirements.



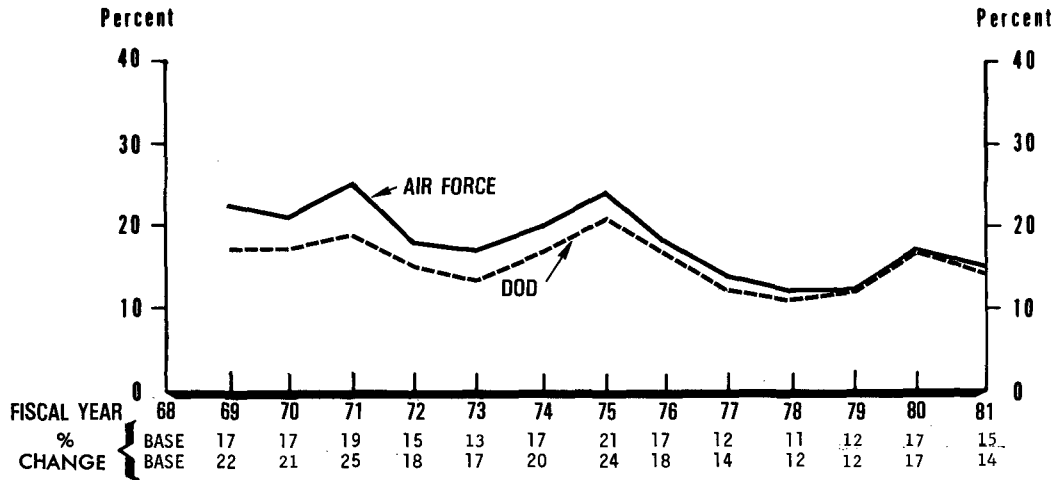
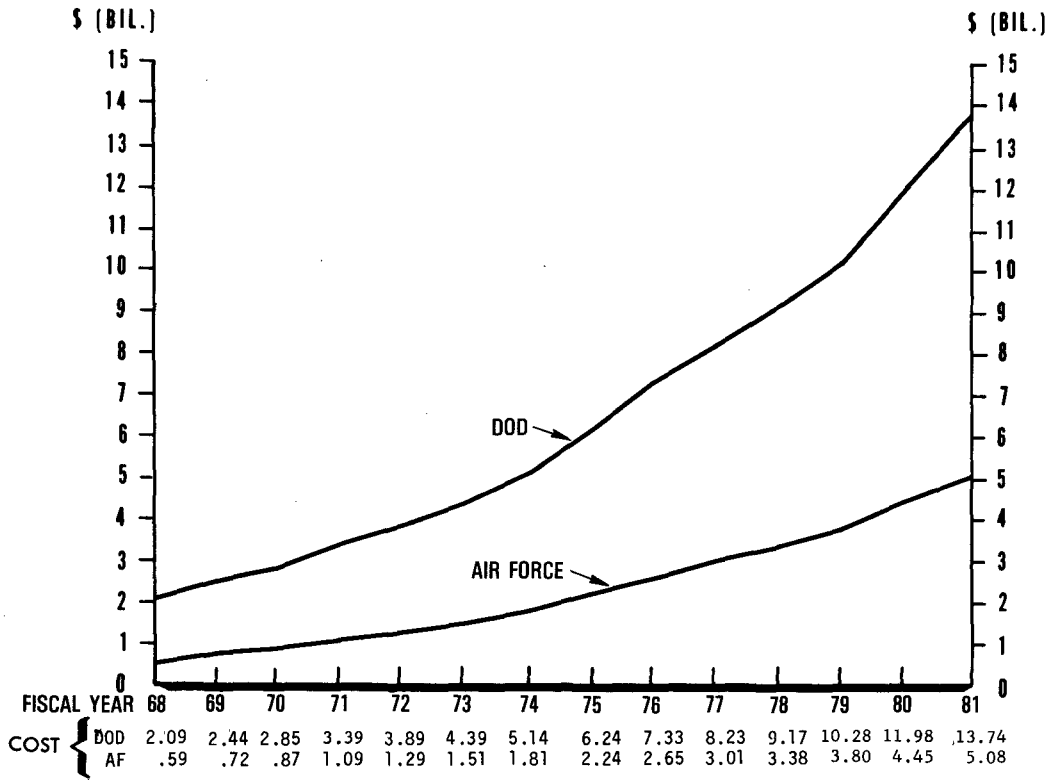
# USAF RETIRED MILITARY PERSONNEL RETIREMENTS BY TYPE (END OF FISCAL YEAR-CUMULATIVE) (IN THOUSANDS)

	1968	1970	1972	1974	1976	1978	1979
<b>OFFICER</b>							
Non-Disability	46.4	51.0	60.9	77.3	87.1	100.4	106.0
%	( 74.4)	( 74.4)	( 76.4)	( 80.1)	( 82.3)	( 84.7)	( 85.6)
Temporary Disability	.5	.6	.6	.5	.4	.3	.4
%	( .8)	( .9)	( .7)	( .5)	( .4)	( .3)	( .3)
Permanent Disability	15.5	17.0	18.2	18.7	18.3	17.8	17.5
%	( 24.8)	( 24.7)	( 22.9)	( 19.4)	( 17.3)	( 15.0)	( 14.1)
<b>TOTAL</b>	<b>62.4</b>	<b>68.6</b>	<b>79.7</b>	<b>96.5</b>	<b>105.8</b>	<b>118.5</b>	<b>123.9</b>
<b>ENLISTED</b>							
Non-Disability	102.4	126.6	165.9	210.7	250.9	287.0	297.3
%	( 76.4)	( 78.2)	( 79.8)	( 82.9)	( 85.3)	( 86.8)	( 87.3)
Temporary Disability	3.5	3.7	4.5	3.5	3.3	3.4	3.2
%	( 2.6)	( 2.3)	( 2.2)	( 1.4)	( 1.1)	( 1.0)	( .9)
Permanent Disability	28.1	31.5	37.5	39.8	40.1	40.2	40.1
%	( 21.0)	( 19.5)	( 18.0)	( 15.7)	( 13.6)	( 12.2)	( 11.8)
<b>TOTAL</b>	<b>133.9</b>	<b>161.8</b>	<b>207.9</b>	<b>254.0</b>	<b>294.3</b>	<b>330.6</b>	<b>340.6</b>
<b>TOTAL</b>							
Total Non-Disability	148.8	177.6	226.7	288.0	338.0	387.4	403.3
%	( 75.8)	( 77.1)	( 78.8)	( 82.2)	( 84.5)	( 86.3)	( 86.8)
Total Temporary Disability	4.0	4.3	5.1	4.0	3.7	3.7	3.6
%	( 2.0)	( 1.8)	( 1.8)	( 1.1)	( .9)	( .8)	( .8)
Total Permanent Disability	43.6	48.5	55.7	58.5	58.4	58.0	57.6
%	( 22.2)	( 21.2)	( 19.4)	( 16.7)	( 16.7)	( 12.9)	( 12.4)
<b>TOTAL MILITARY</b>	<b>196.4</b>	<b>230.4</b>	<b>287.6</b>	<b>350.5</b>	<b>400.1</b>	<b>449.1</b>	<b>464.5</b>

NOTE: Totals may not add due to rounding.



## DOD & AIR FORCE COSTS OF RETIRED PAY



# ANNUAL USAF COURTS-MARTIAL AND ARTICLE 15 ACTIVITY

## FISCAL YEAR NUMBERS AND RATES PER THOUSAND

	1968	1969	1970	1971	1972	1973	1974	1975*	1976	1977	1978	1979
<b>OFFICER</b>												
SPCM	2	0	1	3	3	1	2	7	0	1	3	2
Rate	.01	.00	.01	.02	.02	.01	.02	.06	.00	.01	.03	.02
GCM	18	10	6	8	9	8	6	6	4	7	5	13
Rate	.12	.07	.04	.06	.07	.06	.05	.05	.04	.07	.05	.13
All Courts	20	10	7	11	12	9	8	13	4	8	8	15
Rate	.13	.07	.05	.08	.09	.07	.07	.12	.04	.08	.08	.16
Art 15	216	219	183	171	170	167	170	129	145	134	153	105
Rate	1.5	1.5	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.3	1.6	1.11
<b>AIRMAN</b>												
SCM	896	757	466	313	232	119	106	75	60	25	25	32
Rate	1.1	1.0	0.6	0.5	0.4	0.2	0.2	0.1	0.1	0.05	0.05	.07
SPCM	1,847	1,752	1,921	1,917	2,254	2,271	2,571	1,537	1,136	806	809	968
Rate	2.4	2.3	2.6	2.9	3.5	3.7	4.5	3.0	2.3	1.7	1.9	2.09
GCM	284	302	230	191	186	261	262	195	223	159	123	158
Rate	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.3	0.3	.34
All Courts	3,027	2,811	2,617	2,421	2,672	2,651	2,939	1,807	1,419	909	1,038	1158
Rate	3.9	3.7	3.6	3.7	4.2	4.3	5.2	3.5	2.9	2.1	2.2	2.50
Art 15	27,948	28,893	28,594	25,800	34,542	35,658	37,386	28,243	26,224	20,881	21,399	24,379
Rate	35.9	37.9	39.4	39.6	54.5	58.5	65.7	54.6	53.4	43.6	45.1	52.67
<b>TOTAL</b>												
SCM	896	757	466	313	232	119	106	75	60	25	25	32
Rate**	1.1	1.0	0.6	0.5	0.4	0.2	0.2	0.1	0.1	0.05	0.05	.06
SPCM	1,849	1,752	1,922	1,920	2,257	2,272	2,573	1,544	1,136	807	893	970
Rate	1.9	1.9	2.2	2.4	2.9	3.1	3.7	2.5	1.9	1.4	1.6	1.73
GCM	302	312	236	199	195	269	268	201	227	116	128	171
Rate	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.2	.31
All Courts	3,047	2,821	2,624	2,432	2,684	2,660	2,947	1,820	1,423	998	1,046	1173
Rate	3.3	3.1	3.0	3.1	3.5	3.6	4.3	2.9	2.3	1.7	1.8	2.10
Art 15	28,164	29,112	28,777	25,971	34,712	35,825	37,556	28,372	26,368	21,015	21,552	24,484
Rate	30.3	31.8	33.0	33.0	45.3	48.5	54.6	45.2	43.3	36.1	37.5	43.95

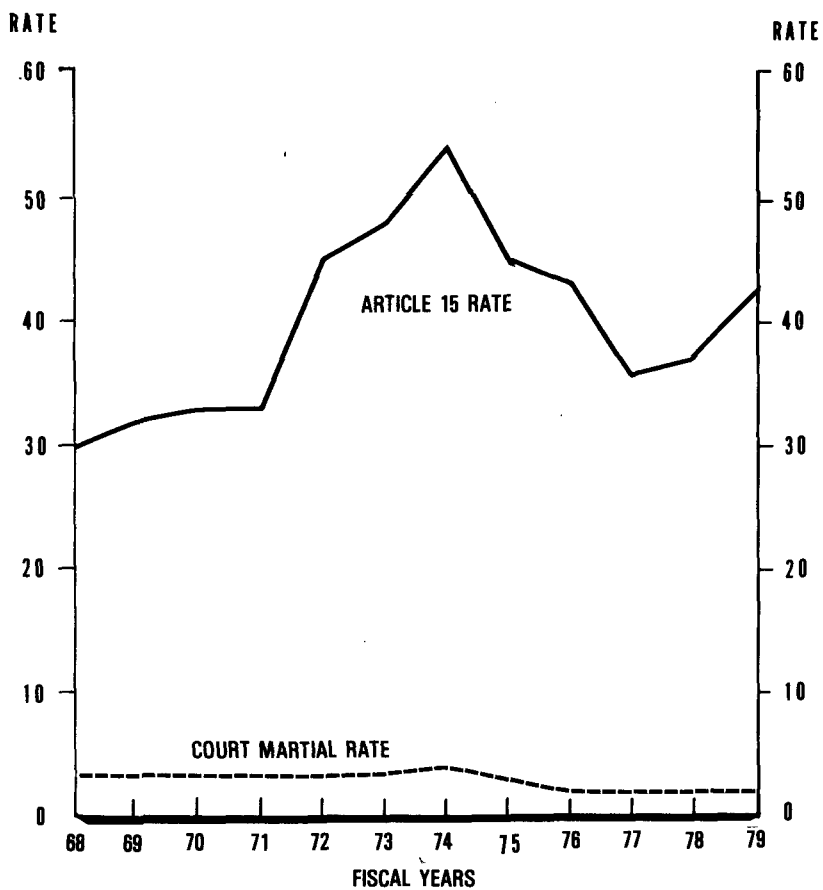
\* Drop off in Court-Martial and Art 15 Activity between FY 74 and FY 75 attributed largely to implementation of Marginal Performer Program (Spring 1974).

\*\* 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

	1968	1970	1972	1974	1976 <sup>1</sup>	1978	1979	1980
TOTAL ACTIVE INSTALLATIONS	<u>3,981</u>	<u>3,735</u>	<u>3,557</u>	<u>3,237</u>	<u>3,170</u>	<u>2,997</u>	<u>2,948</u>	<u>2,916</u>
TOTAL MAJOR ACTIVE	<u>198</u>	<u>178</u>	<u>161</u>	<u>154</u>	<u>140</u>	<u>134</u>	<u>134</u>	<u>134</u>
US	129	116	112	109	111	107	107	107
OVERSEAS	69	62	49	45	29	27	27	27
TOTAL OTHER ACTIVE	<u>3,783</u>	<u>3,557</u>	<u>3,396</u>	<u>3,083</u>	<u>3,030</u>	<u>2,863</u>	<u>2,814</u>	<u>2,782</u>
US	2,526	2,314	2,316	2,227	2,372	2,202	2,169	2,129
OVERSEAS	1,257	1,243	1,080	856	658	661	645	653

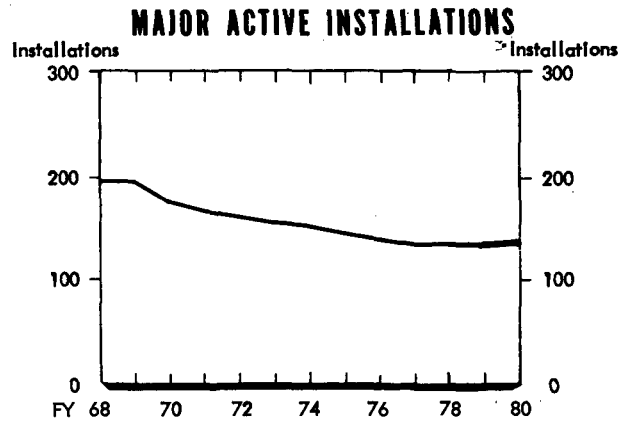
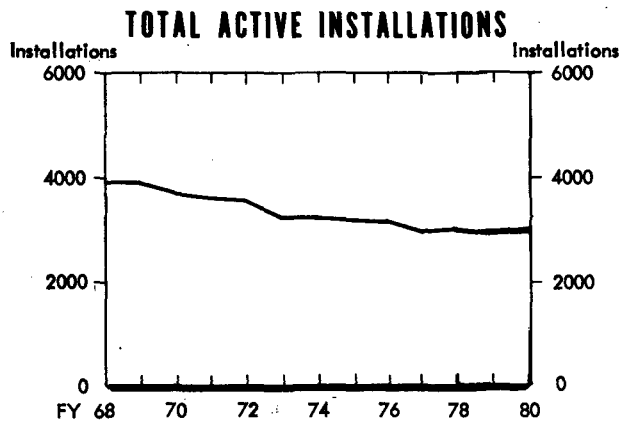
<sup>1</sup>Prior to 1976, "US" did not include Hawaii, Alaska and US possessions. Beginning in 1976, Hawaii, Alaska and US possessions are contained in "US"; only foreign bases are included under "Overseas."

**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).

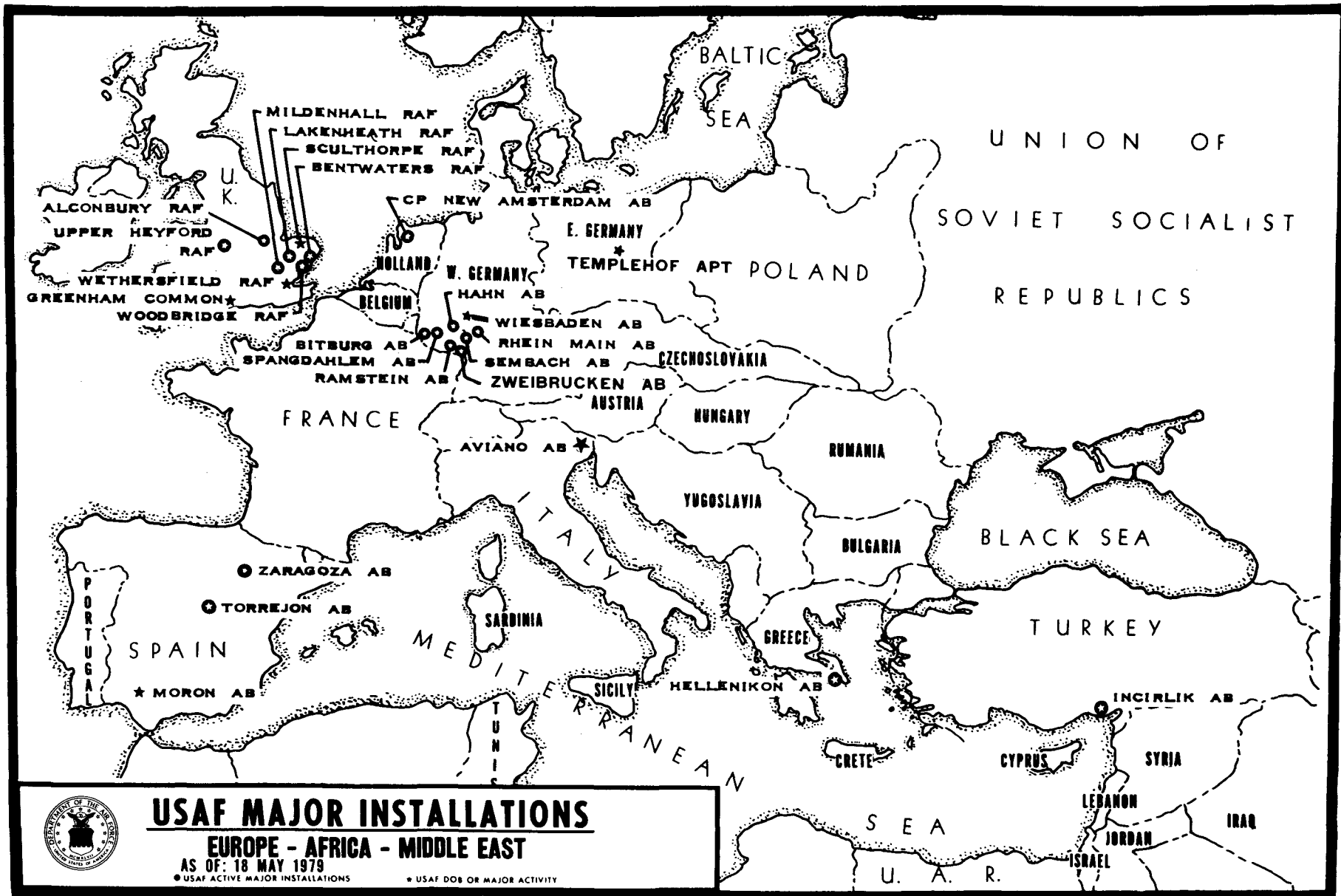
A major installation is also one at which flying or missile operations are not conducted, but which does have assigned to it a wing headquarters, its equivalent, or a higher level Air Force organization.

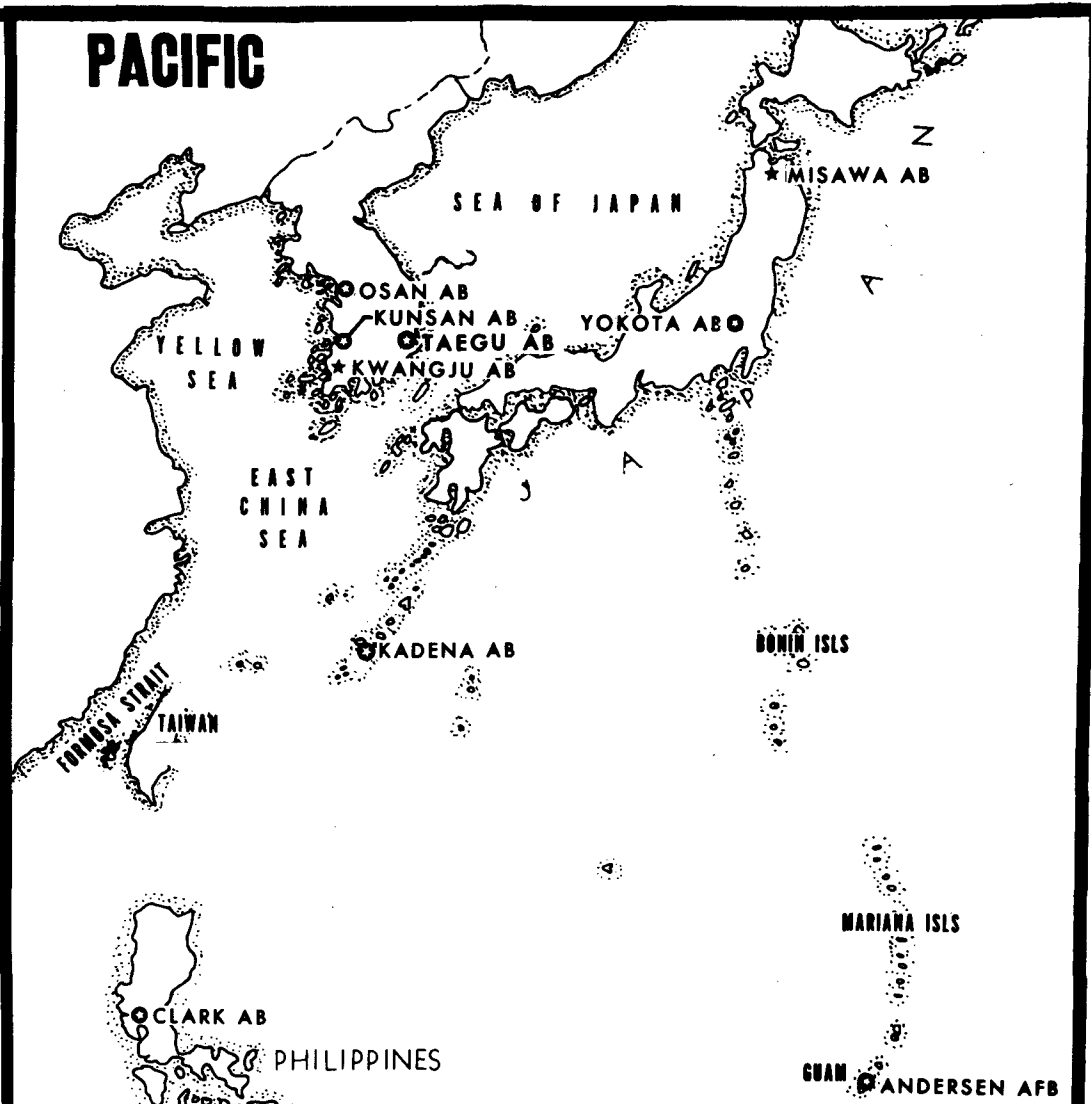
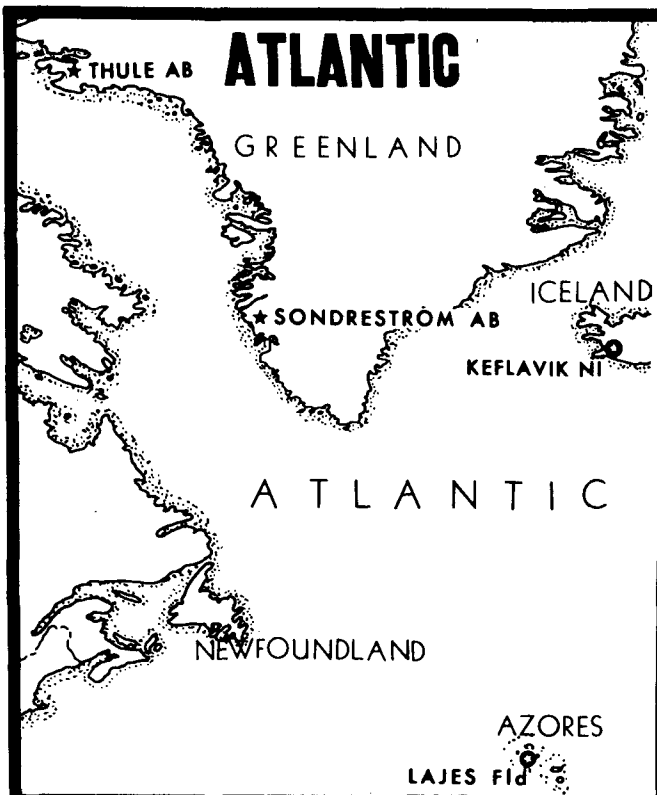
**Minor Installations** include: Auxiliary Air Fields, Missile Sites, Electronics Stations or Sites, General Support Annexes, and Air National Guard Installations.



Source: USAF Program: Bases, Units, and Priorities.







**USAF MAJOR INSTALLATIONS**

**ATLANTIC - CENTRAL AMERICA - PACIFIC**

AS OF: 18 MAY 1979

● USAF ACTIVE MAJOR INSTALLATIONS

\* USAF DOB OR MAJOR ACTIVITY

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

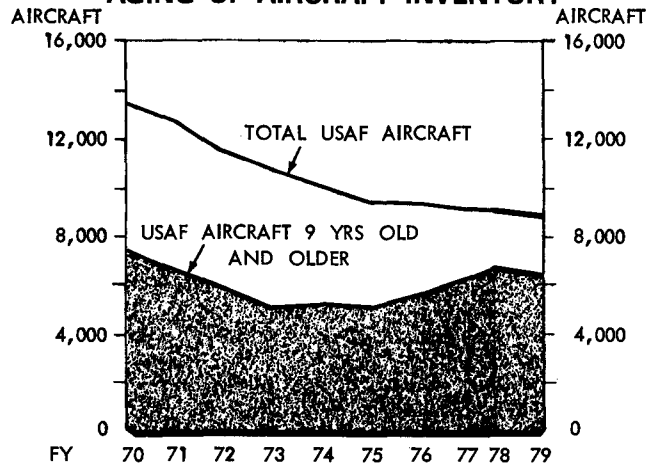
	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>	(Est.) <u>1980</u>	(Est.) <u>1981</u>
<u>REGULAR AIR FORCE</u>									
Bomber	779	570	558	500	494	448	417	412	409
Tanker	667	663	660	657	622	525	525	528	533
Fighter/Interceptor	3,877	3,102	2,288	2,009	2,196	2,370	2,308	2,403	2,466
Attack	108	302	364	378	300	282	314	401	414
Reconnaissance	1,009	993	750	610	412	419	366	356	357
Search and Rescue	91	87	75	56	41	37	35	35	35
Special Research/Other	5	-	-	-	1	-	-	-	-
Cargo/Transport	2,358	1,854	1,325	1,253	888	845	841	838	833
Trainer	2,584	2,625	2,454	1,996	1,800	1,739	1,704	1,687	1,678
Utility/Observation	663	568	288	154	198	210	210	195	197
Helicopter	<u>465</u>	<u>457</u>	<u>493</u>	<u>317</u>	<u>254</u>	<u>246</u>	<u>230</u>	<u>223</u>	<u>221</u>
REGULAR AIR FORCE TOTAL	12,606	11,221	9,255	7,930	7,206	7,121	6,950	7,078	7,143
<u>AIR FORCE RESERVE</u>									
Tanker	-	-	-	-	-	24	24	24	24
Fighter/Interceptor	-	-	27	76	72	77	85	91	110
Attack	-	1	62	62	101	104	102	106	76
Reconnaissance	-	6	14	9	12	12	7	7	13
Search and Rescue	32	39	9	10	14	14	16	16	16
Cargo/Transport	394	284	197	241	230	212	212	214	193
Trainer	-	-	-	4	4	4	4	4	-
Utility/Observation	-	89	21	-	-	-	-	-	-
Helicopter	-	-	23	26	31	31	37	27	27
AIR FORCE RESERVE TOTAL	426	419	353	428	464	478	487	489	459
<u>AIR NATIONAL GUARD</u>									
Bomber	-	-	16	-	-	-	-	-	-
Tanker	55	77	77	77	103	104	104	104	104
Fighter/Interceptor	744	990	1,057	981	720	546	450	482	493
Attack	-	22	33	76	183	305	369	368	450
Reconnaissance	167	234	168	171	185	171	185	184	184
Search and Rescue	18	17	-	-	8	8	8	8	8
Cargo/Transport	303	302	265	247	203	226	221	232	214
Trainer	127	143	125	78	60	48	54	49	51
Utility/Observation	24	120	168	156	144	121	118	121	144
Helicopter	-	-	-	12	11	10	13	13	13
AIR NATIONAL GUARD TOTAL	1,438	1,905	1,909	1,798	1,617	1,539	1,522	1,561	1,661
<u>USAF GRAND TOTAL</u>	<u>14,470</u>	<u>13,545</u>	<u>11,517</u>	<u>10,156</u>	<u>9,287</u>	<u>9,138</u>	<u>8,959</u>	<u>9,128</u>	<u>9,263</u>

<sup>1</sup>Aircraft are categorized by functional mission.  
Numbers above do not include Foreign Government Owned aircraft.

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

	<u>FY 70</u>	<u>FY 71</u>	<u>FY 72</u>	<u>FY 73</u>	<u>FY 74</u>	<u>FY 75</u>	<u>FY 76</u>	<u>FY 77</u>	<u>FY 78</u>	<u>FY 79</u>
Regular Air Force	11,221	10,421	9,255	8,538	7,930	7,239	7,206	7,218	7,121	6,950
Air Force Reserve	419	363	353	406	428	448	464	478	478	487
Air National Guard	<u>1,905</u>	<u>1,962</u>	<u>1,909</u>	<u>1,855</u>	<u>1,798</u>	<u>1,647</u>	<u>1,617</u>	<u>1,560</u>	<u>1,539</u>	<u>1,522</u>
TOTAL FORCE	13,545	12,746	11,517	10,799	10,156	9,334	9,287	9,256	9,138	8,959
% 9 years & older	55.0	52.0	52.0	47.0	53.0	55.0	62.0	68.0	72.6	76.7

### AGING OF AIRCRAFT INVENTORY



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

	<u>FY 70</u>	<u>FY 71</u>	<u>FY 72</u> <sup>1</sup>	<u>FY 73</u> <sup>2</sup>	<u>FY 74</u>	<u>FY 75</u>	<u>FY 76</u>	<u>FY 77</u>	<u>FY 78</u>	<u>FY 79</u>
Regular Air Force	8/11	9/2	9/8	9/-	9/7	9/11	10/5	11/1	11/10	12/3
Air Force Reserve	15/3	13/9	12/1	12/6	12/10	12/7	12/11	14/1	15/0	15/8
Air National Guard	14/2	13/9	13/8	14/5	14/10	14/7	14/6	14/11	15/2	14/4

<sup>1</sup>Years FY 70 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.

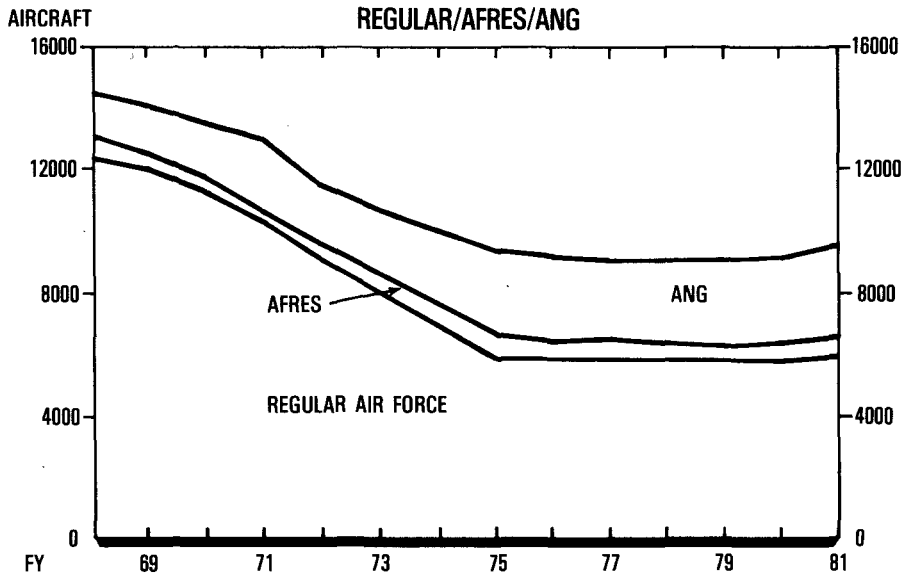
## AGE OF ACTIVE FORCES AIRCRAFT

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	-	9	68	11	-	-	-	-	-	88	7/1
A-10	198	14	-	-	-	-	-	-	-	212	1/5
A-37	-	1	2	1	-	-	-	-	-	4	7/8
B-1	1	1	-	-	-	-	-	-	-	2	1/7
B-52	-	-	-	-	-	58	211	80	-	349	19/10
FB-111	-	-	42	24	-	-	-	-	-	66	8/11
C-5	-	2	60	15	-	-	-	-	-	77	8/0
C-6	-	-	-	-	1	-	-	-	-	1	13/10
C-9	-	3	9	11	-	-	-	-	-	23	8/6
C-12	4	11	-	-	-	-	-	-	-	15	3/5
C-130	10	61	26	43	86	135	8	2	-	371	12/0
C-131	-	-	-	-	-	-	-	-	1	1	24/6
C-135	-	-	-	-	34	270	236	79	-	619	18/2
C-137	-	-	1	-	-	1	3	-	-	5	16/11
C-140	-	-	-	-	-	15	-	-	-	15	16/11
C-141	-	-	-	28	240	7	-	-	-	275	13/1
E-3	15	5	-	-	-	-	-	-	-	20	1/7
E-4	-	2	2	-	-	-	-	-	-	4	5/4
F-4	9	123	131	583	481	36	-	-	-	1,363	10/6
F-5	8	78	20	-	-	-	-	-	-	106	4/1
F-15	319	105	4	-	-	-	-	-	-	428	2/1
F-16	49	1	-	-	-	-	-	-	-	50	0/8
F-101	-	-	-	-	-	-	20	-	-	20	19/8
F-105	-	-	-	-	1	22	-	-	-	23	15/4
F-106	-	-	-	-	-	-	126	19	-	145	19/8
F-111	1	22	192	149	-	-	-	-	-	364	8/6
H-1	-	-	70	11	49	-	-	-	-	130	10/1
H-3	-	-	3	21	21	6	-	-	-	51	12/4
H-53	-	6	13	24	6	-	-	-	-	49	9/1
O-2	-	-	-	112	11	-	-	-	-	123	10/5
OV-10	-	-	-	85	-	-	-	-	-	85	10/11
T-33	-	-	-	-	-	-	57	53	10	120	21/6
T-37	-	-	-	138	65	46	301	112	-	662	17/5
T-38	-	-	47	221	296	286	7	-	-	857	13/6
T-39	-	-	-	-	-	112	20	-	-	132	17/1
T-41	-	-	-	52	-	-	-	-	-	52	11/5
T-43	-	11	2	-	-	-	-	-	-	13	5/7
UV-18	2	-	-	-	-	-	-	-	-	2	2/0
Other <sup>1</sup> /(28)	-	-	-	-	-	-	-	-	-	28	-
AIR FORCE TOTAL	616	455	692	1529	1291	994	989	345	11	6950	12/3
PERCENT	9	7	10	22	19	14	14	5	-	-	-
Nr/% Under/and Over 9 yrs old					1763/25 (Under)					5159/75 (Over)	
<sup>1</sup> /Inventory Only.											

Source: RCS: SB-A-41, 30 Sep 79  
 OPR: Deputy Director for Resources,  
 DCS/Programs and Evaluation

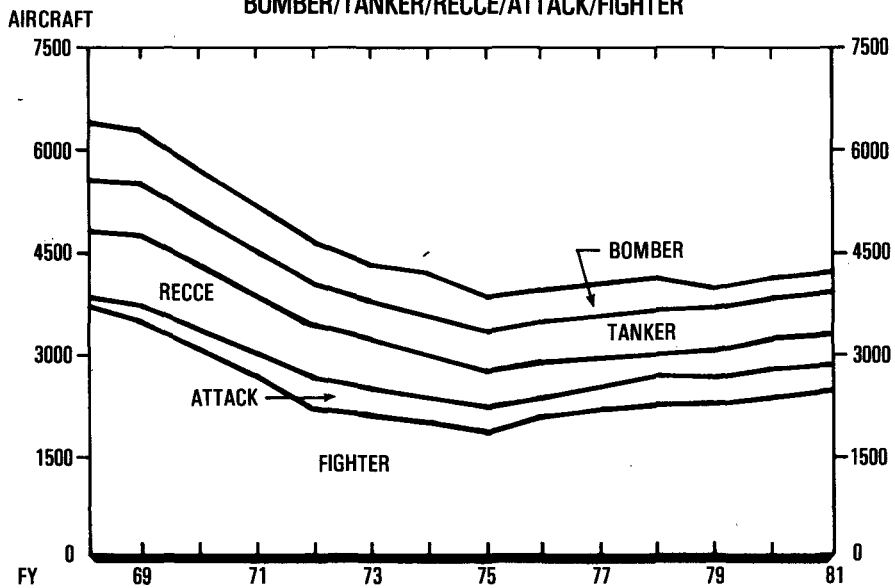
# USAF ACTIVE AIRCRAFT INVENTORY

## REGULAR/AFRES/ANG



# SELECTED REGULAR ACTIVE AIRCRAFT

## BOMBER/TANKER/RECCE/ATTACK/FIGHTER



## AGE OF USAF STRATEGIC MISSILES & DRONES USAF DIRECT INVENTORY

MISSION/ DESIGN	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		
CIM-10 - Bomarc	-	-	-	-	-	7	3	10	17/6
AGM-69 - SRAM	0	850	547	-	-	-	-	1,397	5/7
LGM-25 - Titan II	-	-	-	-	18	40	-	58	15/4
LGM-30 - Minuteman	91	263	315	221	302	-	-	1,192	8/5
<b>TOTAL MISSILES</b>	<b>91</b>	<b>1,113</b>	<b>862</b>	<b>221</b>	<b>320</b>	<b>47</b>	<b>3</b>	<b>2,657</b>	<b>7/2</b>
BQM-34 - Firebee	44	5	20	1	-	-	-	70	4/4
PQM-102 - Drone	-	-	-	-	-	-	43	43	22/0
<b>TOTAL DRONES</b>	<b>44</b>	<b>5</b>	<b>20</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>43</b>	<b>113</b>	<b>11/1</b>
<b>TOTAL MISSILES &amp; DRONES</b>	<b>135</b>	<b>1,118</b>	<b>882</b>	<b>222</b>	<b>320</b>	<b>47</b>	<b>46</b>	<b>2,770</b>	<b>7/4</b>

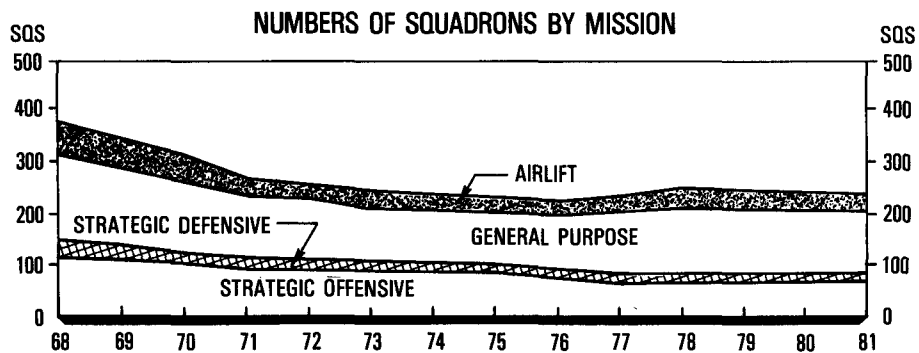
Source: RCS: SS-A-41, 30 Sep 79

## SELECTED REGULAR AIR FORCE COMBAT FORCES BY SQUADRON

	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>	(Est) <u>1980</u>	(Est) <u>1981</u>
<u>STRATEGIC OFFENSIVE</u>									
Bomber (Heavy)	34	31	26	24	22	21	21	21	21
Bomber (Medium)	6	-	4	4	4	4	4	4	4
Missile Augmentation <sup>1</sup>	(17)	(17)	(17)	(12)	-	-	-	-	-
Strategic Missile (SRAM)	-	-	(1)	(15)	(20)	(19)	(18)	(18)	(18)
Reconnaissance	3	2	1	1	1	1	1	1	1
ECM	-	-	-	-	-	-	-	-	-
Air Refueling	41	40	38	38	35	34	33	33	33
Strategic Missile (ICBM)	26	26	26	26	26	26	26	26	26
<u>STRATEGIC DEFENSIVE</u>									
Fighter Interceptor <sup>2</sup>	26	14	9	7	6	6	6	6	6
Airborne Early Warning and Control	7	3	2	1	-	-	-	-	-
Defense System Evaluation	3	3	2	1	1	1	-	-	-
Air Defense Missile	6	5	5	-	-	-	-	-	-
<u>GENERAL PURPOSE</u>									
Tactical Bomber	1	1	-	-	-	-	-	-	-
Tactical Fighter	92	77	73	74	73	78	79	78	77
Fighter Interceptor O/S	8	3	1	1	1	1	1	1	1
Reconnaissance	21	19	13	13	9	9	7	6	6
Special Operations	22	21	11	5	5	5	5	5	5
Tactical Air Control System	9	7	11	11	9	11	11	9	-
Tactical Airborne Command & Control System	-	-	-	-	2	5	5	5	14
Tactical Missile	2	-	-	-	-	-	-	-	-
Tactical Electronic Warfare	2	3	2	-	-	-	-	-	2
ABNCP (CINCS)	2	2	2	3	3	3	3	3	3
Tactical Drone Support	-	-	-	1	1	1	-	-	-
<u>AIRLIFT</u>									
Strategic	32	18	17	17	17	17	17	17	17
Tactical	31	34	19	17	15	15	14	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.

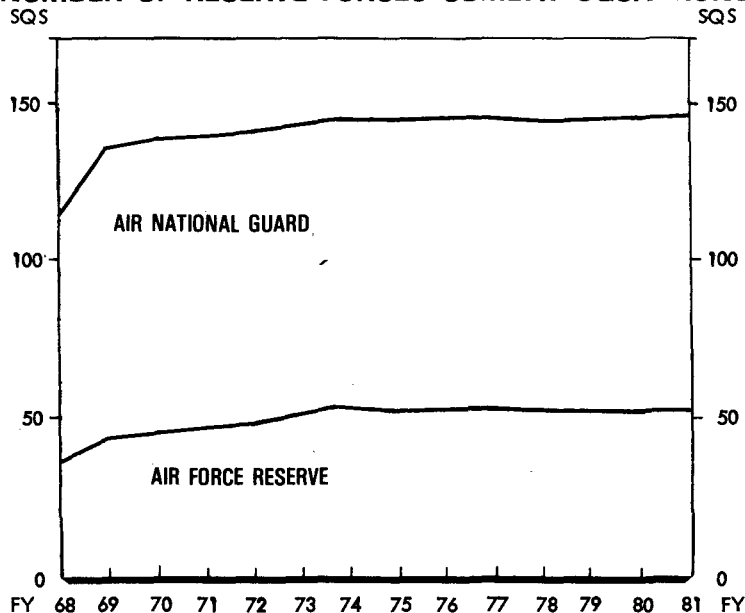


## RESERVE FORCES COMBAT SQUADRONS

	1968 <sup>1</sup>	1970	1972	1974	1976	1978	1979	(Est) 1980	(Est) 1981
<b>AIR FORCE RESERVE SQUADRONS</b>									
Air Refueling	-	-	-	-	-	3	3	3	3
Tactical Fighter	-	-	1	7	7	7	8	8	8
Special Operations	-	3	5	1	2	2	2	2	2
Tactical Airlift	18(1)	8	21	22	20	17	17	17	16
Strategic Airlift <sup>2</sup>	14(4)	16	3	-	-	-	-	-	-
Assoc Airlift <sup>2</sup>	1	10	13	17	17	17	17	17	17
Air Rescue	4(1)	5	4	4	4	4	4	4	4
Aero-Med <sup>2</sup>	-	1	1	1	1	1	1	1	1
Other <sup>3</sup>	-	4	1	1	2	2	1	1	3
<b>AIR NATIONAL GUARD SQUADRONS</b>									
Air Refueling	5	7	7	9	12	13	13	13	13
Fighter Interceptor	22	18	18	20	11	10	10	10	10
Tactical Fighter	13(10)	26	28	29	29	29	31	31	31
Tactical Reconnaissance	9(3)	12	8	7	8	8	8	8	8
Special Operations	4	4	3	3	-	-	-	-	-
Other Attack	-	-	1	-	-	-	-	-	-
Strategic Airlift	23(1)	14	7	3	-	-	-	-	-
Tactical Airlift	1	3	12	12	17	19	19	19	19
Tactical Air Control System	-	3	5	5	7	6	6	6	6
Other <sup>4</sup>	1	5	3	3	7	6	4	4	6

<sup>1</sup>Numbers in parentheses reflect additional units mobilized during the Pueblo crisis (Jan-Jun 68).  
<sup>2</sup>Associate Reserve (No aircraft).  
<sup>3</sup>Includes at various times: TAC Air Support, AEW&C, Weather, and Tanker/Cargo 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 1979

<u>AIRCRAFT</u>	<u>%</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>
A-7	NMCS %	7.7	9.0	8.9	7.8	9.5	8.6	8.6	10.0	9.7	9.1	9.3	9.2
	NMCB %	8.3	7.1	7.4	7.4	7.2	6.1	5.7	6.8	6.4	7.5	8.7	7.1
	PMCS %	3.6	2.6	3.0	3.3	3.0	3.2	3.0	3.0	4.5	4.1	2.5	2.5
	PMCB %	.5	.7	.9	.8	.3	.2	.4	.4	.4	.8	.5	.3
	NMCM %	21.1	23.0	23.8	25.7	23.6	20.3	22.5	21.9	22.2	21.8	22.6	21.2
	PMCM %	6.8	6.8	8.4	6.9	5.9	5.3	5.5	7.4	6.8	6.2	7.2	6.1
	FMC %	52.1	50.8	47.7	48.2	50.6	56.4	54.4	50.4	49.8	50.5	49.4	53.6
A-10	NMCS %	13.2	16.4	17.0	15.2	13.0	13.4	10.3	8.3	8.0	8.4	9.4	10.0
	NMCB %	2.0	6.5	4.6	6.6	5.7	7.1	5.4	4.8	4.7	3.4	5.9	6.1
	PMCS %	5.8	8.8	11.9	8.2	5.8	7.8	10.1	8.4	6.2	6.2	8.1	6.3
	PMCB %	.6	.7	1.4	.7	.3	.6	.7	.8	1.1	1.0	.7	.9
	NMCM %	12.8	16.2	19.2	18.3	14.7	15.2	16.6	12.6	14.4	16.1	18.3	15.7
	PMCM %	3.2	3.8	4.6	4.3	5.2	5.5	4.6	4.9	7.3	4.1	5.4	3.5
	FMC %	62.3	47.6	41.4	46.7	55.3	50.4	52.3	60.1	58.2	60.6	52.2	57.6
F-4	NMCS %	5.3	5.8	6.8	6.0	6.0	5.3	5.3	5.4	5.4	5.9	6.0	5.8
	NMCB %	6.2	6.4	6.2	6.2	6.1	6.2	6.9	7.0	6.9	7.3	6.8	6.9
	PMCS %	2.9	3.4	3.6	3.7	3.6	3.4	3.6	3.6	3.5	3.9	3.7	3.9
	PMCB %	.7	.9	1.1	.9	1.4	1.1	1.0	1.1	1.0	.8	1.0	.9
	NMCM %	27.6	28.1	27.1	27.5	27.1	24.8	25.2	24.8	24.3	24.6	25.3	23.4
	PMCM %	8.9	9.5	10.1	10.6	11.6	10.9	11.2	10.2	9.6	9.8	10.2	9.1
	FMC %	48.4	46.0	45.1	45.1	44.1	48.2	46.7	47.8	49.4	47.6	47.1	50.0
RF-4C	NMCS %	4.9	5.7	6.3	6.3	4.4	4.8	5.6	5.5	5.2	5.7	4.7	7.7
	NMCB %	7.9	7.0	9.0	7.3	7.7	7.9	8.4	6.3	6.7	7.5	6.3	7.6
	PMCS %	2.3	3.2	3.7	3.0	2.5	2.2	2.5	2.7	2.3	3.1	3.6	4.1
	PMCB %	.2	.3	.2	.5	.2	.4	.3	.4	.3	.4	.2	.3
	NMCM %	29.6	30.0	27.6	27.8	27.8	26.0	25.4	25.3	23.4	23.7	22.2	23.7
	PMCM %	6.9	7.3	6.1	6.1	9.0	8.8	9.7	7.2	6.7	6.9	6.7	5.8
	FMC %	48.3	46.6	47.0	49.1	48.5	50.0	48.1	52.5	55.3	52.6	56.2	50.8
F-15	NMCS %	12.2	9.9	8.4	7.9	8.7	11.6	10.3	9.5	8.1	7.9	7.7	7.1
	NMCB %	7.3	10.4	11.2	12.5	12.0	10.5	9.9	11.8	11.9	14.4	15.4	11.0
	PMCS %	1.5	2.3	2.2	1.2	1.6	2.8	1.6	1.5	1.5	1.1	1.1	1.6
	PMCB %	.1	.1	.1	.0	.1	.3	.1	.2	.2	.1	.2	.2
	NMCM %	23.7	25.2	24.8	21.5	25.8	24.6	23.8	23.2	25.5	24.6	23.2	17.9
	PMCM %	3.5	2.7	3.3	2.4	1.5	3.0	3.1	2.7	3.4	3.9	3.8	3.8
	FMC %	51.7	49.4	50.0	54.6	50.3	47.3	51.2	51.1	49.3	48.1	48.7	58.4
F-16	NMCS %				8.1	5.8	7.8	9.2	9.8	9.4	6.6	4.7	7.5
	NMCB %				13.0	3.4	8.4	5.6	6.3	6.1	1.8	2.4	3.7
	PMCS %				5.0	1.4	4.1	9.9	3.3	4.6	7.9	1.9	6.8
	PMCB %				.5	1.1	.4	1.0	.4	1.5	.3	.8	.3
	NMCM %				26.2	29.3	30.3	30.8	29.6	21.1	18.1	42.6	23.8
	PMCM %				12.5	13.2	16.9	15.6	7.2	10.1	6.5	7.5	16.1
	FMC %				34.6	45.8	32.1	27.9	43.4	47.2	58.8	40.1	41.9
F-106	NMCS %	3.7	4.5	5.2	4.5	4.4	4.4	5.9	4.2	4.6	4.3	6.1	4.9
	NMCB %	5.9	6.1	5.6	6.9	7.0	6.6	4.2	5.1	4.3	5.5	5.1	6.0
	PMCS %	3.1	4.0	6.1	8.0	9.8	8.6	9.7	8.5	5.5	6.8	8.6	7.9
	PMCB %	.2	.1	.4	.6	.7	.5	.4	.3	.3	.5	.7	.7
	NMCM %	18.6	14.2	13.6	14.4	16.4	15.6	15.2	14.1	14.9	14.8	15.5	14.2
	PMCM %	2.3	2.0	2.6	4.0	3.9	3.4	3.6	3.4	3.7	5.2	6.3	4.9
	FMC %	66.2	69.0	66.5	61.6	57.7	60.9	60.9	64.4	66.8	62.9	57.6	61.4

# AIRCRAFT MISSION CAPABILITY RATES

## SELECT AIRCRAFT

### FISCAL YEAR 1979

(CONT'D)

AIRCRAFT		%	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
F-111	NMCS	%	3.0	5.9	4.7	4.7	3.7	5.0	6.9	6.1	7.5	5.2	3.8	2.9
	NMCB	%	15.2	14.2	15.6	12.6	13.1	12.8	14.4	14.0	10.3	7.8	9.9	10.2
	PMCS	%	3.8	5.1	6.2	4.6	5.7	3.6	1.9	1.9	2.3	1.5	1.5	1.6
	PMCB	%	.5	.1	.2	.3	.2	.2	.1	.3	.0	.1	.7	.8
	NMCM	%	32.0	31.4	32.3	32.6	34.5	35.7	33.0	29.0	28.8	33.7	34.3	31.2
	PMCM	%	14.6	9.6	6.9	6.3	8.8	10.0	6.7	8.0	7.6	9.4	11.5	13.1
	FMC	%	30.9	33.6	34.1	38.9	34.0	32.6	37.1	40.7	43.7	42.3	39.3	40.2
FB-111	NMCS	%	.9	2.5	1.8	4.0	1.8	2.8	1.2	3.9	2.9	8.4	5.6	4.9
	NMCB	%	18.3	19.2	19.5	23.4	19.9	24.4	27.8	27.1	28.3	17.6	21.9	23.0
	PMCS	%	1.4	.0	.4	.0	.1	.1	1.6	.0	.5	.6	.6	.3
	PMCB	%	.5	.1	.0	.0	.1	.2	.0	.0	.1	.0	.0	.2
	NMCM	%	26.5	25.4	27.9	30.4	34.0	25.1	21.7	24.5	25.5	22.6	23.0	25.7
	PMCM	%	1.4	1.5	.2	.1	.0	1.4	.0	1.4	2.1	.3	.2	.4
	FMC	%	51.2	51.4	50.2	42.1	44.0	45.9	47.8	43.1	40.5	50.6	48.7	45.5
B-52	NMCS	%	7.5	7.4	9.3	8.7	7.7	8.1	8.4	8.5	9.2	10.9	11.6	13.9
	NMCB	%	15.7	15.4	15.2	15.7	16.9	15.4	15.6	15.9	15.0	12.7	17.0	15.0
	PMCS	%	3.5	2.5	2.0	1.3	1.7	1.9	1.5	1.5	1.4	2.6	1.7	1.8
	PMCB	%	.9	.8	1.0	.8	.7	.8	.3	.3	.8	.6	.8	.6
	NMCM	%	22.3	22.1	22.9	22.3	22.6	22.3	21.0	21.3	23.1	19.3	22.7	20.3
	PMCM	%	3.3	3.4	3.5	2.9	3.3	2.9	2.1	1.9	1.5	1.1	1.3	1.7
	FMC	%	46.9	48.3	46.1	48.1	47.2	48.6	50.8	50.5	48.9	52.9	45.1	46.9
C-5	NMCS	%	6.2	3.8	4.5	5.1	5.4	3.6	5.9	5.9	6.2	5.6	4.7	5.7
	NMCB	%	6.7	4.9	6.7	7.8	12.2	11.2	9.5	11.3	11.0	12.1	8.8	9.8
	PMCS	%	1.9	1.6	1.3	2.9	1.4	1.5	.3	1.2	.2	1.5	1.7	.7
	PMCB	%	1.7	2.4	.6	1.8	1.5	.0	.0	1.0	.9	1.3	1.8	.4
	NMCM	%	37.2	39.9	35.2	35.7	31.3	32.5	33.9	34.1	30.0	31.6	37.6	31.1
	PMCM	%	.7	1.0	.6	.6	1.2	.7	.6	.5	.8	.4	1.2	.7
	FMC	%	45.6	46.3	51.0	46.0	47.1	50.4	49.9	46.2	50.9	47.4	44.0	51.6
C-130	NMCS	%	4.3	4.7	11.9	5.5	4.7	4.0	5.2	5.7	4.4	5.3	4.2	5.1
	NMCB	%	10.2	10.1	15.8	10.8	9.0	8.6	9.4	9.8	8.8	9.5	10.5	10.1
	PMCS	%	7.2	5.9	4.6	5.7	6.4	6.4	6.9	5.5	5.1	5.5	5.5	5.6
	PMCB	%	2.7	2.6	1.1	1.3	1.9	2.5	2.1	1.7	1.5	1.5	2.5	2.2
	NMCM	%	21.3	21.3	24.0	23.6	22.6	19.6	20.3	20.8	20.7	20.6	20.5	18.8
	PMCM	%	9.8	10.3	6.3	9.4	9.3	9.4	10.3	8.4	8.9	9.7	10.6	10.7
	FMC	%	44.6	45.2	36.1	43.8	46.1	49.5	46.0	48.1	50.6	48.0	46.2	47.6
C-135	NMCS	%	4.9	4.7	6.1	5.7	5.4	4.7	4.7	5.0	4.9	4.0	5.6	5.4
	NMCB	%	7.0	7.0	7.7	7.3	7.3	7.3	6.5	6.7	6.7	5.6	6.7	6.1
	PMCS	%	2.9	3.4	3.1	3.0	4.0	2.8	2.9	3.0	2.3	2.7	2.6	1.8
	PMCB	%	.3	.1	.2	.3	.4	.2	.3	.3	.2	.3	.4	.2
	NMCM	%	14.0	15.2	15.0	15.1	15.5	14.0	14.7	14.0	14.7	13.7	14.8	15.0
	PMCM	%	4.0	3.9	3.5	3.8	4.2	4.2	3.9	3.3	3.2	2.7	3.2	2.8
	FMC	%	66.9	65.7	64.5	64.7	63.0	66.9	66.8	67.6	67.9	70.6	66.7	68.6
C-141	NMCS	%	5.6	4.6	7.2	5.9	4.3	4.0	4.1	4.7	3.4	3.2	3.5	4.2
	NMCB	%	6.5	6.5	7.5	8.0	5.5	5.4	7.2	7.3	5.7	7.3	6.6	7.1
	PMCS	%	6.9	7.9	5.6	3.8	4.8	5.4	4.2	4.8	2.2	4.6	3.7	4.2
	PMCB	%	.9	1.2	.8	1.0	.6	1.1	1.1	1.2	1.6	1.3	.3	1.2
	NMCM	%	27.6	27.9	24.2	23.5	22.8	21.7	24.5	25.1	27.0	28.2	25.9	26.4
	PMCM	%	1.2	.8	1.2	1.7	2.3	1.7	1.0	1.1	.7	.7	1.0	.7
	FMC	%	51.2	51.1	53.4	56.1	59.7	60.8	57.9	55.7	59.3	54.6	59.2	56.3

# AIRCRAFT MISSION CAPABILITY RATES

## SELECT AIRCRAFT

### FISCAL YEAR 1979

(CONT'D)

<u>AIRCRAFT</u>	<u>%</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>
WW USAF	NMCS	%	5.8	6.2	7.2	6.1	6.9	6.4	6.8	6.7	6.1	6.4	6.4
	NMCB	%	6.8	7.1	7.4	6.9	7.0	6.8	7.0	7.4	6.8	7.0	7.5
	PMCS	%	3.4	3.5	3.6	3.4	3.7	3.6	3.7	3.7	3.3	3.5	3.5
	PMCB	%	.6	.7	.6	.5	.7	.7	.6	.7	.6	.7	.7
	NMCM	%	21.4	21.1	20.9	20.6	20.8	19.2	19.3	19.1	19.6	19.7	20.5
	PMCM	%	5.2	5.3	5.0	5.2	5.7	5.4	5.2	4.8	4.9	4.9	5.3
	FMC	%	56.8	56.1	55.3	57.2	55.2	57.8	57.4	57.6	58.7	57.9	56.2

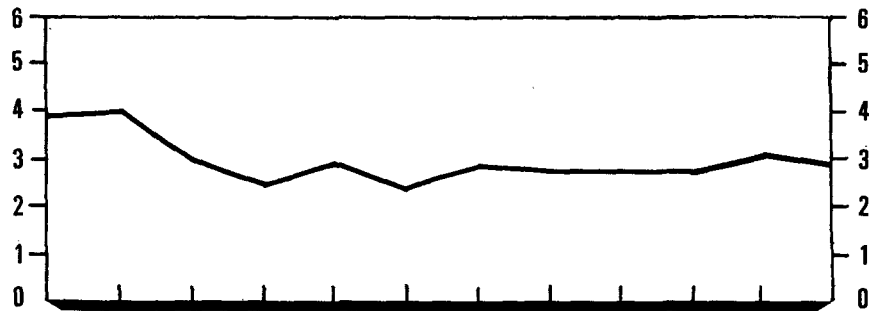
LEGEND: NMCS - Not Mission Capable Supply  
 NMCM - Not Mission Capable Maintenance  
 NMCB - Not Mission Capable Both  
 PMCS - Partially Mission Capable Supply  
 PMCM - Partially Mission Capable Maintenance  
 PMCB - Partially Mission Capable Both  
 FMC - Fully Mission Capable

NOTE: Includes Reserve and Guard

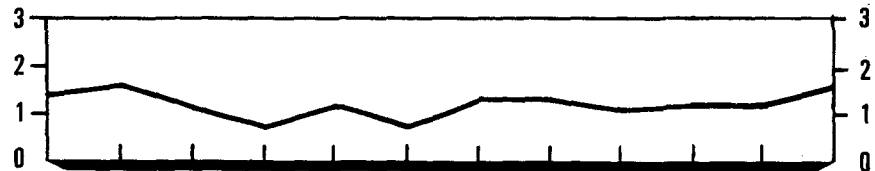
# AIRCRAFT MISHAP RATES\*

PER/100,000 FLYING HOURS

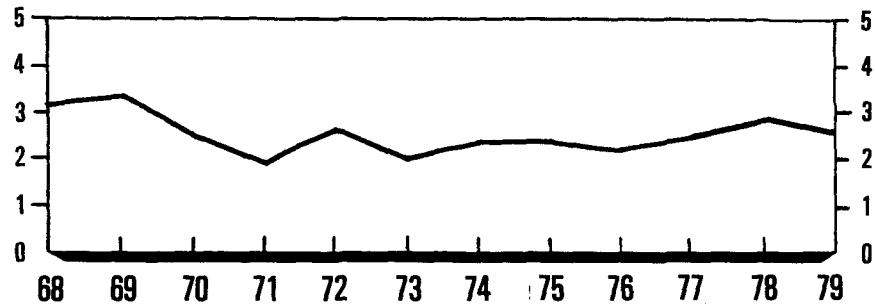
## CLASS A/MAJOR MISHAP RATE



## FATAL MISHAP RATE



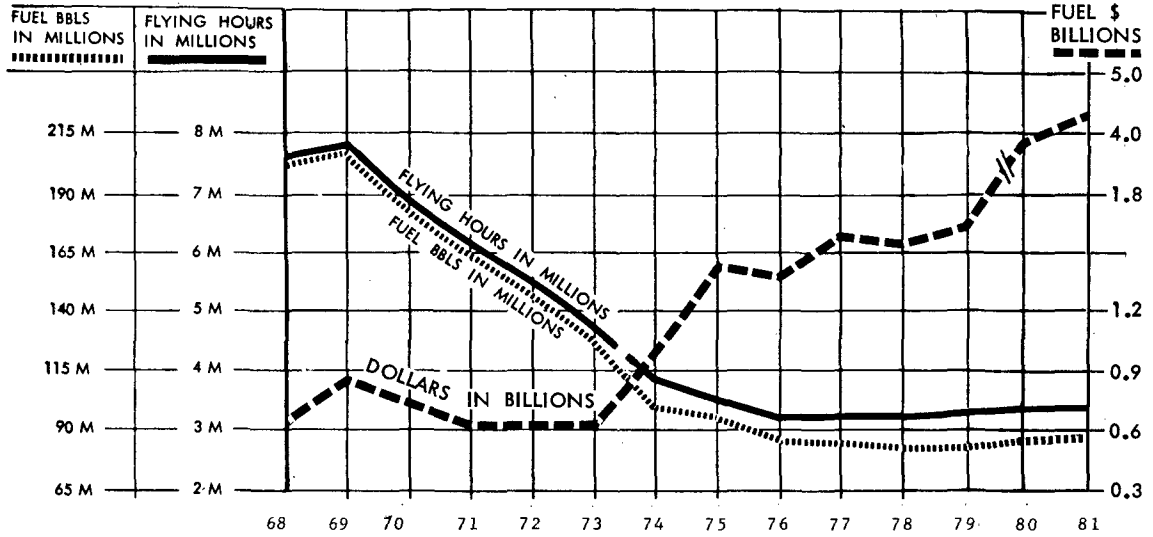
## AIRCRAFT DESTRUCTION RATE



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	2.9
Fatal Mishaps	1.4	1.6	1.1	.8	1.2	.8	1.3	1.3	1.1	1.2	1.3	1.5
Aircraft Dest.	3.2	3.4	2.5	1.9	2.6	2.0	2.4	2.4	2.2	2.4	2.9	2.5

\*The 1968-76 data are based on major accident classification in accordance with AFR 127-4, dated 24 Oct 1975. The 1977-1979 Class A mishap data are based on AFR 127-4, dated 16 Jan 1978.

## USAF ACTIVE, ANG, AFR FLYING HOURS VS SUPPORTING AV FUEL DOLLARS/ BARRELS



FLYING HRS IN MILLIONS	7.7	8.7	6.9	6.2	5.5	4.9	3.8	3.6	3.1	3.2	3.1	3.2	3.2	3.2
FUEL \$ IN BILLIONS	.77	.86	.75	.61	.60	.61	.93	1.47	1.45	1.58	1.53	1.59	3.74	4.22
FUEL BBLs IN MILLIONS	206	208	184	166	147	131	98	96	87	87	86	86	87	88
% CHANGE IN FH SINCE 73							-22.4	-26.5	-37	-33	-37	37	-37	-37
% CHANGE IN FUEL BBLs SINCE 1973							-25.2	-26.7	-34	-32	-34	34	-34	-33
%Change in Fuel \$ SINCE 73							+53	+141	+138	+159	+151	+161	+513	+592

\* Fuel price and increases in FY 80 & FY 81 subject to revision.

# COST PER FLYING HOUR<sup>1</sup>

## (PLANNING, PROGRAMMING & BUDGETING COST FACTORS)

(FY 1981 DOLLARS)

### BUDGET COST FACTORS

<u>Aircraft</u>	<u>Fuel</u>	<u>Depot Maintenance</u>	<u>Base Maintenance</u>		<u>Replenishment of Spares</u>	<u>Total Cost Per Flying Hour of Active Aircraft</u>
			<u>Material</u>	<u>Labor</u>		
A-7D	822	518	159	440	161	2100
F-111	1785	810	474	858	1500	5427
F-4E	1924	325	365	579	220	3413
B-52G	4643	476	407	790	405	6721
KC-135A	2491	330	208	450	148	3627
C-141A	2250	203	189	352	52	3046
C-5A	3836	1513	571	1514	1302	8736
C-130E	898	226	148	372	90	1734
T-37	210	20	28	21	12	291
T-38	452	79	68	152	57	808
HH-53C	420	245	200	292	98	1255

### LIFE CYCLE COST FACTORS

<u>Aircraft</u>	<u>Fuel</u>	<u>Depot Maintenance</u>	<u>Base Maintenance</u>		<u>Replenishment of Spares</u>	<u>Total Cost Per Flying Hour of Active Aircraft</u>
			<u>Material</u>	<u>Labor</u>		
A-7D	822	437	182	440	493	2374
F-111F	1785	865	288	858	1051	4847
F-4E	1924	212	228	579	331	3274
B-52G	4643	483	378	790	306	6600
KC-135A	2491	258	170	450	173	3542
C-141A	2250	153	181	352	167	3103
C-5A	3836	825	472	1514	1408	8055
C-130E	898	172	118	372	191	1751
T-37	210	30	29	21	83	373
T-38	452	68	70	152	88	830
HH-53C	420	180	99	292	463	1454

<sup>1</sup> The above factors are extracted from Table 12 (Budget) and Table 13 (Life Cycle) of AF Pamphlet 178-13 with the exception of the fuel factors. The fuel factors displayed are based on a FY81 composite fuel price of \$1.14 and fuel consumption factors which were developed for the FY82 POM.

# USAF PROCUREMENT PROGRAMS BY FISCAL YEAR FUNDING

AF/RDXP/53831.

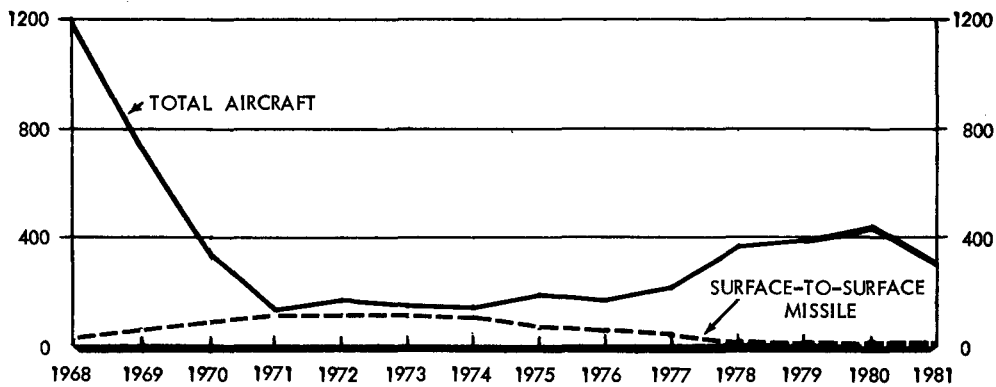
FOR 19

## MISSILES

	<u>FY 1968</u>	<u>FY 1970</u>	<u>FY 1972</u>	<u>FY 1974</u>	<u>FY 1976</u>	<u>FY 1978</u>	<u>FY 1979</u>	<u>FY 1980</u>	<u>FY 1981</u>
SURFACE TO SURFACE	23	100	120	115	50	-	-	-	11
AIR TO SURFACE	3,695	300	2,765	4,154	7,120	855	24	225	480
AIR TO AIR	1,775	1,200	-	75	1,330	3,600	4000	3370	1170
TOTAL MISSILES	5,493	1,600	2,885	4,344	8,500	4,455	4024	3595	1661

## AIRCRAFT

BOMBER	24	-	-	-	-	-	-	-	-
ATTACK/FIGHTER	451	230	145	122	161	346	379	391	270
RECON/ELECTRONIC	64	-	12	-	4	3	3	5	6
CARGO/TRANSPORT	40	41	13	42	16	8	8	8	-
TANKER/CARGO	-	-	-	-	-	-	2	4	6
RESCUE(FIXED WING)	-	-	-	-	-	-	-	-	-
TRAINER	272	38	7	-	-	-	-	-	-
UTILITY	-	-	-	-	-	-	-	-	-
OBSERVATION	301	-	-	-	-	-	-	-	-
HELICOPTER	38	38	-	-	-	-	-	-	-
TOTAL AIRCRAFT	1,190	347	177	164	181	357	392	408	282



# MAJOR WEAPONS ACQUISITION

## CURRENT ESTIMATES

### SAR SUMMARY FOR AIRCRAFT SYSTEMS

THEN YEAR \$	TOTAL <sup>1</sup> PROG	UNIT			QUANTITY	
		PROG	FLYAWAY	PROG	R&D	
A-10	6.0B	7.2M	6.7M	5.7M	825	10
E-3A	4.4	128.5	88.3	61.9	31	3
E-4 <sup>2</sup>	1.2	205.5	169.7	164.9	5	1
EF-111A TJS	1.3	31.5	23.6	19.2	40	2
F-15	14.2	19.0	16.6	13.7	729	20
F-16	18.5	13.2	12.6	10.2	1388	8

CONSTANT 80 \$	BASE YEAR FLYAWAY					
	A-10	E-3A	E-4	EF-111A TJS	F-15	F-16
A-10	5.8B	6.9M	6.2M	5.3	2.3 (FY 70)	
E-3A	5.1	150.9	91.7	63.5	30.1 (FY 70)	
E-4	1.1	186.0	124.8	120.5	74.6 (FY 74)	
EF-111A TJS	1.1	27.0	19.1	15.3	8.9 (FY 73)	
F-15	16.7	22.3	18.4	15.1	6.3 (FY 70)	
F-16	13.9	10.0	9.3	7.3	4.7 (FY 75)	

<sup>1</sup> Includes Milcon (\$M), E-4 (19.7) and EF-111A (O&M 153.1)

<sup>2</sup> Interim NEACP retrofit/mod to advanced configuration not included  
(Current Estimate \$424.2M)

#### SAR SUMMARY FOR MISSILE & SPACE SYSTEMS

THEN YEAR \$	TOTAL <sup>1</sup> PROG	UNIT		QUANTITY	
		PROG	FLYAWAY	PROG	R&D
AIM-7F/M	.927B	.109M	.108M	8445	50
AIM-9L/M	.559	.059	.057	9360	63
AGM-65D (IIR)	2.460	.076	.071	32520	33
DSCS III	.957	68.357	63.008	12	2
ALCM	5.232	1.520	1.157	3418	24
GLCM	2.069	3.636	3.216	560	9

CONSTANT 80 \$	AIM-7F/M	AIM-9L/M	AGM-65D (IIR)	DSCS III	ALCM	GLCM
	.922B	.545	1.605	.748	4.146	1.425

<sup>1</sup> Includes Milcon (\$M), ALCM (228.), GLCM (49.3)  
Does not include carrier aircraft equipment

AF/ACMM/55979  
Source: 31 Dec 79 SAR

**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

Source: Section 241, DOD Budget Guidance Manual, 8 Aug 75.

## INFLATION INDICES

FY	GNP Deflator*		CPI-U*		WPI		OSD Procurement		OSD Mil Pers		OSD O&M	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
68	.660	-	.657	-	.594	-	.677	3.4	.530	5.6	.677	3.4
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	3.3	1.067	1.4	1.111	3.3
77	1.142	6.6	1.151	5.9	1.125	6.0	1.144	3.0	1.111	4.1	1.164	4.8
78	1.220	6.8	1.233	7.1	1.202	6.8	1.221	6.7	1.187	6.8	1.245	7.0
79	1.326	8.6	1.360	10.3	1.337	11.2	1.328	8.8	1.257	5.9	1.358	9.1

## PREDICTED

80	1.444	8.9	1.520	11.8	1.516	13.4	1.442	8.6	1.346	7.1	1,506	10.9
81	1.566	8.5	1.650	8.5	1.667	10.0	1.572	9.0	1.450	7.7	1.642	9.0
82	1.700	8.5	1.791	8.5	1.840	10.4	1.705	8.5	1.566	8.0	1.778	8.3
83	1.843	8.4	1.943	8.5	2.014	9.5	1.838	7.8	1.688	7.8	1.908	7.3
84	1.988	7.9	2.100	8.0	2.187	8.5	1.967	7.0	1.812	7.3	2.038	6.8
85	2.141	7.7	2.263	7.8	2.369	8.4	2.087	6.1	1.945	7.3	2.162	6.1
86	2.303	7.6	2.437	7.7	2.557	7.9	2.214	6.1	2.087	7.3	2.294	6.1
87	2.477	7.6	2.624	7.7	2.759	7.9	2.349	6.1	2.240	7.3	2.434	6.1
88	2.656	7.2	2.821	7.5	2.973	7.8	2.492	6.1	2.404	7.3	2.582	6.1
89	2.838	6.9	3.028	7.3	3.184	7.1	2.644	6.1	2.580	7.3	2.740	6.1
90	3.032	6.8	3.247	7.2	3.411	7.1	2.806	6.1	2.769	7.3	2.907	6.1

Indices are FY Average.

GNP Deflator, CPI and WPI based on Data Resources, Inc., TRENDLONG 1279 forecast; OSD figures from OASD(C) (12 Feb 80)

\* CPI for Urban Wage Earners (covers about 80% of the civilian population).

## ESTIMATED GROSS NATIONAL PRODUCT AT MARKET PRICES<sup>1</sup>

	1960	1965	1970	1973	1975	1976	1977	1978
World	4,230	5,460	7,000	8,220	8,510	8,910	9,260	9,660
Developed Countries	2,750	3,550	4,520	5,280	5,270	5,540	5,740	5,960
United States	1,120.7	1,408.3	1,635.5	1,878.4	1,828.7	1,932.4	2,027.1	2,107.6
Australia	48.1	61.4	81.8	94.7	98.8	102.6	104.8	107.4
Canada	85.4	113.3	142.0	172.8	181.0	191.5	196.6	203.5
Japan	222.5	357.7	631.3	809.9	821.2	870.4	915.7	968.8
Spain	48.7	74.0	100.6	124.0	131.5	134.2	137.5	141.6
Sweden	48.8	62.3	75.8	81.0	85.0	86.3	84.2	86.1
Switzerland	53.3	69.0	82.8	91.7	86.7	85.5	87.8	88.7
European Community	973	1,230	1,550	1,770	1,770	1,860	1,900	1,950
Belgium	46.2	59.4	74.5	87.4	89.7	94.8	95.9	98.1
France	197.9	262.9	348.1	409.5	419.7	443.2	456.5	470.2
Italy	110.2	142.5	191.0	213.9	214.7	226.7	230.6	235.2
Netherlands	61.3	78.3	101.1	116.2	119.6	125.1	128.0	130.6
United Kingdom	199.7	234.5	262.7	294.8	288.4	295.9	300.6	309.6
West Germany <sup>2</sup>	322.1	413.6	519.7	583.4	571.5	603.5	619.2	640.2
Less Developed Countries	527	704	912	1,100	1,250	1,320	1,380	1,460
Brazil	33.9	50.7	73.4	105.9	122.8	133.9	140.1	148.9
India	57.0	65.8	83.2	87.6	90.8	92.3	97.8	105.1
Communist Countries	956	1,210	1,570	1,840	1,990	2,050	2,140	2,240
USSR and Eastern Europe	737	937	1,200	1,370	1,470	1,530	1,580	1,640
USSR <sup>3</sup>	548.4	710.6	923.0	1,056.2	1,127.3	1,169.5	1,205.7	1,253.6
Eastern Europe <sup>4</sup>	188	227	273	317	346	361	373	384
Bulgaria	10.2	14.1	18.1	20.5	22.8	23.8	23.7	24.8
Czechoslovakia	42.0	46.4	54.9	60.8	64.8	66.1	69.0	70.7
East Germany	46.3	53.4	62.3	67.9	73.9	75.5	78.4	81.0
Hungary	18.3	21.8	25.3	28.4	29.8	29.8	31.3	32.1
Poland	48.7	59.1	72.0	88.8	98.6	102.7	105.5	108.3
Romania	22.7	31.9	40.6	50.9	56.1	62.7	64.7	67.5
Far East								
China	151.8	185.3	262.6	332.0	368.4	368.0	397.7	444.2
North Korea	2.9	4.6	6.1	8.3	10.0	9.7	9.7	10.4
Other								
Yugoslavia <sup>4</sup>	20.2	27.2	35.0	41.2	46.2	48.1	51.8	55.3

<sup>1</sup>Data for the non-Communist countries were converted from national currencies by using the 1978 Par Rate/Market Rate factors.

<sup>2</sup>Including data for West Berlin.

<sup>3</sup>Figures for 1965, 1975-1977 are from I. Edwards, M. Hughes, J. Noren, "US and USSR: Comparisons of GNP," in US Congress, Joint Economic Committee, The Soviet Economy in a Time of Change (Washington, D.C., 1979). Data for other years were derived by moving 1976 Soviet GNP in dollars (geometric mean) through time by indexes of Soviet GNP in 1976 established ruble prices. This shortcut procedure gives results that are quite close to those obtained through the more complex procedures used for the benchmark years of the study -- 1955, 1965, 1975-1977. A detailed discussion of estimating Soviet GNP in 1976 US dollars is available in the study cited above.

<sup>4</sup>The dollar values of gross national product are not official figures. They are estimates based on Western concepts and procedures, which compare as closely as possible to values published by Western countries. Estimates of GNP in domestic prices were converted at US purchasing power equivalent and extended to 1978 by means of the US official deflator for GNP. For additional information, see T.P. Alton, "Comparative Structure and Growth of Economic Activity in Eastern Europe," in US Congress, Joint Economic Committee, East European Economics Post-Helsinki: A Compendium of Papers (Washington, D.C., 1977).

## DEFENSE EXPENDITURES AS A SHARE OF GNP PERCENT

	1965	1970	1971	1972	1973	1974	1975	1976	1977
OECD <sup>1</sup>									
Australia	4.4	3.7	3.5	3.4	3.0	2.7	3.2	3.2	2.6
Austria	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.1	1.1
Belgium	3.1	2.9	2.8	2.8	2.7	2.7	3.0	3.1	3.2
Canada	3.0	2.4	2.3	2.2	2.0	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	2.5
Finland	1.7	1.5	1.6	1.6	1.6	1.5	1.7	1.6	1.7
France	5.2	4.2	4.0	3.9	3.8	3.7	3.9	3.8	3.9
Greece	3.5	4.7	4.6	4.4	4.0	4.1	6.3	5.1	4.6
Ireland	1.4	1.1	1.2	1.2	1.3	1.4	1.4	1.7	1.6
Italy	3.3	2.7	2.9	3.1	3.0	2.9	2.8	2.7	2.7
Japan	1.0	0.8	0.9	0.9	0.9	0.9	1.0	0.9	0.9
Luxembourg	1.4	0.8	0.8	0.9	0.8	0.9	1.1	1.1	1.1
Netherlands	4.0	3.4	3.4	3.3	3.2	3.3	3.5	3.3	3.6
New Zealand	2.1	2.0	1.9	1.7	1.6	1.8	1.7	1.8	1.8
Norway	3.8	3.5	3.4	3.3	3.2	3.1	3.3	3.2	3.1
Portugal	6.0	6.5	6.8	6.3	5.4	6.8	5.0	3.9	3.3
Spain	2.7	3.1	3.0	3.0	2.7	2.8	3.0	2.8	2.7
Sweden	3.9	3.5	3.5	3.5	3.4	3.3	3.2	3.2	3.3
Switzerland	2.6	2.1	2.1	2.0	1.9	1.9	1.9	2.0	2.1
Turkey	5.0	4.3	4.4	4.2	4.0	3.8	4.5	5.6	5.7
United Kingdom	5.9	4.8	5.0	5.2	4.9	5.1	5.0	5.2	4.8
United States <sup>2</sup>	7.8	8.0	6.9	6.2	5.7	5.4	5.4	5.2	5.0
West Germany <sup>3</sup>	4.3	3.3	3.3	3.4	3.4	3.6	3.6	3.4	3.4
Less Developed Countries	N/A	6.3	6.4	5.9	5.8	5.8	6.1	6.3	5.9
OPEC	N/A	4.8	4.8	5.2	5.3	5.8	6.4	7.9	7.7
Iran	N/A	7.8	8.3	8.9	8.4	11.8	14.5	12.2	10.5
Nigeria	N/A	5.9	4.2	5.2	5.0	3.8	4.6	5.3	4.2
Saudi Arabia	N/A	6.3	6.4	6.4	7.2	5.1	5.8	19.4	15.7

<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 product (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 para-military 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 1976 prices.

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

Source: CIA - Handbook of Economic Statistics, 1979.

## ECONOMIC PROFILE: US-USSR, 1978

	<u>UNITED STATES</u>	<u>USSR</u>
Aggregative data		
Population		
Million persons at midyear	218.5	261.2
Percent change from 1977	+ 0.8	+0.9
Gross National Product		
Billion 1978 U.S. \$ <sup>1</sup>	2,107.6	1,253.6 <sup>2</sup>
Percent real growth in 1978	4.0	3.1 <sup>2</sup>
Per capita (1978 U.S. \$)	9,650	4,800
Industrial production (1970 = 100)	135	149
Industry		
Primary energy (million barrels per day of oil equivalents)	30.0	25.4
Electric power (billion kilowatt-hours)	2,436	1,202
Crude steel (million metric tons)	124.0	151.4
Cement (million metric tons)	80.8	127.0
Trade and International Reserves		
Exports <sup>3</sup> (billion U.S. \$)	143.6 <sup>4</sup>	52.4
Imports <sup>5</sup> (billion U.S. \$)	183.1	50.8
Trade balance (billion U.S. \$)	-39.6	1.6
International reserves (billion U.S. \$)	19.6	15.4
Indicators of living standards		
Grain production (kilograms per capita)	1,220	910
Meat production (kilograms per capita)	113	58
Television receivers in use (units per thousand persons) <sup>6</sup>	632	229
Radio receivers in use (units per thousand persons) <sup>6</sup>	2,032	242
Consumer price index (1970 = 100)	168	114
Telephones in use (units per thousand persons)	742 <sup>7</sup>	80

<sup>1</sup>Data for the USSR were converted at U.S. 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 1977.

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

Source: CIA - Handbook of Economic Statistics, 1979.

# UNITED STATES: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	1970	1973	1974	1975	1976	1977	1978
<b>Aggregative data</b>								
Gross national product	Billion 1978 US \$	1,635.5	1,878.4	1,852.3	1,828.7	1,932.4	2,027.1	2,107.6
Index of industrial production	1970 = 100	100	120	120	109	120	127	135
Total population (midyear)	Million	204.9	210.4	211.9	213.6	215.1	216.8	218.5
Labor force <sup>2</sup>	Million	85.9	91.0	93.2	94.8	96.9	99.5	102.5
<b>Fuels and power</b>								
Primary energy (crude oil equivalents) <sup>3</sup>	Thousand b/d	30,801	30,867	30,102	29,791	29,652	29,315	29,960
Electric power (gross)	Billion kWh	1,742.7	2,081.2	2,086.3	2,131.0	2,169.7	2,361.7	2,436.6
Hard coal	Million mt	550.4	530.1	539.3	576.2	598.1	604.7	566.7
Crude oil	Thousand b/d	9,648	9,210	8,770	8,375	8,130	8,180	8,700
Natural gas <sup>4</sup>	Billion cf	21,920.6	22,647.6	21,600.5	20,108.7	19,952.4	19,900.0	19,494.0
<b>Metals</b>								
Crude steel <sup>5</sup>	Million mt	119.3	136.8	132.2	105.8	116.1	113.2	124.0
Pig iron	Million mt	82.8	91.9	86.6	72.5	78.8	73.8	79.5
Iron ore <sup>6</sup>	Million mt	91.2	89.1	85.7	80.1	81.3	56.7	82.0
Lead <sup>7</sup>	Thousand mt	605	612	611	577	592	549	562
<b>Agriculture</b>								
Grain	Million mt	186.7	237.6	204.5	248.7	257.4	262.3	267.3
Meat <sup>8</sup>	Thousand mt	22,548	22,105	23,628	23,000	25,140	25,199	24,644
Milk	Thousand mt	53,268	52,386	52,414	52,312	54,554	55,773	55,200
Fish catch	Thousand mt	2,892	2,856	2,929	2,898	3,176	3,102	N/A
Cattle (beginning of year)	Million head	112.4	121.5	127.8	132.0	128.0	122.8	116.3
<b>Manufactured items</b>								
Sulfuric acid (100 percent)	Thousand mt	26,785	28,984	31,005	29,357	30,209	32,496	35,968
Mineral fertilizer (nutrients) <sup>9</sup>	Thousand mt	15,789	17,753	17,117	17,890	18,453	19,371	N/A
Cotton fabrics	Million lm	5,711	4,957	4,560	3,956	4,069	3,874	3,623
Rayon and acetate fabrics	Million lm	1,374	1,208	901	610	507	756	850
Metalcutting machine tools	Thousand	49.3	57.9	69.0	74.3	54.1	59.4	70.1
Cement	Million mt	67.4	77.6	73.4	61.8	66.2	71.3	80.8
Passenger automobiles <sup>10</sup>	Thousand	6,547	9,658	7,331	6,713	8,498	9,199	9,165
Radio receivers	Thousand	44,427	50,198	43,993	34,516	44,102	52,926	48,036
Television receivers	Thousand	9,493	17,367	15,279	10,637	14,131	15,432	17,406
Tractors	Thousand	191.7	236.9	233.8	232.0	213.2	226.9	197.3
<b>Trade</b>								
Railroad freight traffic	Million mt	1,426.3	1,545.5	1,544.0	1,368.5	1,440.7	1,499.2	1,525.0
Motor vehicle freight traffic	Billion mtkm	675.9	828.4	812.0	744.8	836.6	920.3	990.0
Imports (c.i.f.)	Million US \$	42,429	73,575	107,996	103,389	129,565	156,650	183,137
Exports (c.i.f.) <sup>11</sup>	Million US \$	42,659	70,823	97,908	107,130	114,800	121,150	143,570

<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; linear meters, lm; and metric ton kilometers, mtkm.

<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 equivalents, and exclude minor fuels such as peat, shale, and firewood.

<sup>4</sup>Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>5</sup>Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>6</sup>Excluding manganese 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>	1970	1973	1974	1975	1976	1977	1978
<b>Aggregate data</b>								
Gross national product <sup>2</sup>	Billion 1978 US \$	923.0	1,056.2	1,100.0	1,127.3	1,169.5	1,205.7	1,253.6
Index of industrial production	1970 = 100	100	119	126	133	138	144	149
Total population (midyear)	Million	242.8	249.7	252.1	254.4	256.7	258.9	261.2
Labor Force <sup>3</sup>	Million	125.6	131.6	133.6	138.0	138.0	140.1	142.2
<b>Fuels and power</b>								
Primary energy (crude oil equivalent) <sup>4</sup>	Thousand b/d	17,020	19,550	20,710	21,920	23,150	24,290	25,400
Electric power (gross)	Billion kWh	740.9	914.6	975.8	1,038.6	1,111.4	1,150.1	1,202.0
Hard Coal	Million mt	432.7	461.2	473.4	485.0	494.0	503.0	500.0
Crude oil	Thousand b/d	6,976	8,420	9,020	9,630	10,170	10,700	11,210
Natural Gas <sup>5</sup>	Billion cf	6,990.4	8,345.8	9,201.3	10,215.4	11,334.4	12,219.0	13,140.6
<b>Metals</b>								
Crude steel	Million mt	115.9	131.5	136.2	141.3	144.7	146.7	151.4
Pig Iron	Million mt	85.9	95.9	99.9	103.0	105.4	107.4	110.7
Iron ore	Million mt	195.5	216.1	224.8	232.8	239.1	239.7	244.0
Refined copper	Thousand mt	1,015	1,200	1,250	1,320	1,350	1,400	1,460
Primary aluminum	Thousand mt	1,700	2,100	2,300	2,430	2,500	2,550	2,600
Lead	Thousand mt	470	510	530	540	560	560	565
<b>Agriculture</b>								
Grain <sup>6</sup>	Million mt	186.8	222.5	195.7	140.1	223.8	195.7	237.2
Meat <sup>7</sup>	Thousand mt	12,278	13,527	14,620	14,958	13,600	14,700	15,200
Milk <sup>8</sup>	Thousand mt	83,016	88,300	91,760	90,804	89,675	94,665	94,500
Fish Catch <sup>9</sup>	Thousand mt	7,828	9,005	9,622	10,357	10,478	9,651	N/A
Cattle (beginning of year)	Million head	95.2	104.0	106.3	109.1	111.0	110.4	112.7
<b>Manufactured items</b>								
Sulfuric acid (100 percent)	Thousand mt	12,059	14,855	16,633	18,645	20,015	21,104	22,400
Mineral fertilizer (nutrients)	Thousand mt	13,099	17,429	19,352	21,988	22,590	23,493	23,642
Cotton fabrics	Million sm	6,152	5,578	6,624	6,634	6,779	6,811	6,958
Rayon & acetate fabrics	Million sm	1,112	1,305	1,371	1,463	1,550	N/A	N/A
Metalcutting machine tools	Thousand	202.2	213.8	225.5	231.3	232.7	236.0	235.0
Cement	Million mt	95.3	109.5	115.1	122.1	124.3	127.1	127.0
Tractors	Thousand	458.5	499.6	531.1	550.4	562.2	569.1	576.0
Passenger automobiles	Thousand	344	917	1,119	1,201	1,239	1,280	1,312
Radio receivers	Thousand	7,815	8,615	8,753	8,376	8,456	8,652	8,744
Television receivers	Thousand	5,682	6,271	6,569	6,960	7,063	7,073	7,164
<b>Transportation and trade</b>								
Railroad freight traffic	Million mt	2,896.0	3,346.4	3,496.8	3,521.0	3,655.0	3,723.0	3,758.0
Motor vehicle freight traffic	Billion mtkm	220.8	283.8	312.5	338.0	355.1	380.0	N/A
Imports (f.o.b.)	Million US \$	11,720	20,980	24,861	37,070	38,212	40,914	50,798
Exports (f.o.b.)	Million US \$	12,787	21,332	27,374	33,401	37,269	45,209	52,432

<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 an 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, rabbit, horse-meat, 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, mares, and camels.

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

Source: CIA Handbook of Economic Statistics, 1979.

# PRIMARY ENERGY PRODUCTION<sup>1</sup>

## THOUSAND BARRELS PER DAY OF OIL EQUIVALENT

	1960	1965	1970	1973	1975	1976	1977	1978
<b>OECD</b>								
United States	21,143	24,918	30,801	30,867	29,791	29,652	29,315	29,960
Canada	1,750	2,539	3,709	4,942	4,678	4,552	4,763	4,774
Japan	1,017	1,106	1,028	780	874	923	816	851
Norway	158	255	298	403	590	721	670	803
European Community	6,920	7,240	7,170	7,700	8,170	8,480	8,900	9,150
Belgium <sup>2</sup>	31	274	161	129	147	160	158	156
France	1,082	1,115	1,026	860	899	818	953	957
Italy	395	423	490	502	510	522	544	554
Netherlands	216	233	648	1,278	1,616	1,731	1,575	1,481
United Kingdom	2,691	2,680	2,346	2,452	2,571	2,787	3,345	3,650
West Germany	2,503	2,521	2,495	2,476	2,418	2,456	2,314	2,350
<b>Other Countries</b>								
Iran	1,126	1,977	3,920	6,270	5,802	6,349	6,125	5,668
Kuwait	1,766	2,451	3,138	3,171	2,225	2,291	2,125	2,271
Saudi Arabia	1,405	2,313	3,929	7,763	7,313	8,877	9,543	8,653
<b>Communist Countries</b>								
USSR and Eastern Europe	13,200	17,800	22,300	25,100	27,800	29,200	30,500	31,700
USSR	9,280	13,210	17,020	19,550	21,920	23,150	24,290	25,400
Eastern Europe	3,870	4,570	5,280	5,550	5,840	6,030	6,180	6,300
Bulgaria	109	144	151	133	143	145	154	156
Czechoslovakia	761	865	906	898	907	931	948	958
East Germany	1,027	1,113	1,172	1,105	1,126	1,143	1,171	1,171
Hungary	207	254	277	276	270	286	292	304
Poland	1,278	1,531	1,895	2,133	2,294	2,384	2,479	2,561
Romania	487	666	879	1,009	1,096	1,145	1,133	1,154
Far East								
China	3,278	2,795	4,286	5,635	6,969	7,282	8,254	9,243
North Korea	N.A.	324	466	546	622	618	622	644
Other								
Yugoslavia	202	286	330	362	402	419	458	472

<sup>1</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 fuelwood.

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

# PRIMARY ENERGY CONSUMPTION<sup>1</sup>

THOUSAND BARRELS PER DAY OF OIL EQUIVALENT

	1960	1965	1970	1973	1975	1976	1977
<b>OECD</b>							
United States	20,628	24,782	31,577	35,233	33,557	35,514	36,339
Canada	1,960	2,417	3,148	3,882	3,902	3,940	4,067
Japan	1,931	3,179	5,821	7,068	6,950	7,100	7,205
Norway	186	267	360	408	406	428	406
European Community							
Belgium <sup>2</sup>	588	751	971	1,093	973	1,030	1,022
France	1,840	2,364	3,080	3,781	3,431	3,645	3,677
Italy	1,058	1,617	2,479	2,796	2,663	2,840	2,875
Netherlands	487	735	1,156	1,468	1,392	1,522	1,485
United Kingdom	3,506	3,962	4,358	4,587	4,129	4,200	4,286
West Germany	2,960	3,762	4,798	5,390	4,919	5,329	5,295
<b>Other Countries</b>							
Iran	97	135	356	520	625	701	787
Kuwait	49	93	92	118	122	128	134
Saudi Arabia	20	35	90	125	175	201	231
<b>Communist Countries</b>							
USSR and Eastern Europe							
USSR <sup>3</sup>	8,520	11,600	14,840	17,230	18,870	20,190	20,600
Eastern Europe							
Bulgaria	132	254	391	470	526	550	591
Czechoslovakia	798	986	1,138	1,243	1,298	1,361	1,452
East Germany	1,171	1,336	1,479	1,538	1,576	1,617	1,676
Hungary	269	360	431	475	509	533	548
Poland	1,053	1,295	1,662	1,863	2,078	2,185	2,293
Romania	376	565	844	1,031	1,125	1,219	1,244
Other							
Yugoslavia	227	331	448	542	598	639	677

<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<sup>1</sup>

## THOUSANDS OF BARRELS PER DAY

	1960	1965	1970	1973	1975	1976	1977	1978
OECD <sup>2</sup>	7,860	9,010	11,500	11,700	10,700	10,700	11,300	12,100
United States	7,055	7,804	9,648	9,210	8,375	8,130	8,180	8,700
Canada	526	793	1,305	1,800	1,460	1,300	1,320	1,315
European Community	221	309	264	209	204	431	954	1,260
Other Countries								
Abu Dhabi	0	282	691	1,305	1,370	1,585	1,650	1,445
Algeria	183	544	976	1,070	975	1,020	1,095	1,100
Gabon	16	25	104	150	225	225	225	210
Indonesia	411	501	855	1,340	1,305	1,505	1,685	1,635
Iran	1,068	1,895	3,831	5,860	5,350	5,885	5,665	5,200
Iraq	1,004	1,311	1,563	2,020	2,260	2,415	2,495	2,515
Kuwait <sup>3</sup>	1,696	2,362	2,983	3,020	2,085	2,145	1,970	2,095
Libya	0	1,238	3,321	2,175	1,480	1,935	2,065	1,975
Mexico	271	328	420	450	715	800	980	1,205
Nigeria	17	263	1,090	2,055	1,785	2,070	2,085	1,910
Qatar	175	227	367	570	440	495	445	480
Saudi Arabia <sup>3</sup>	1,315	2,204	3,789	7,595	7,075	8,575	9,200	8,295
Venezuela	2,846	3,473	3,708	3,365	2,345	2,295	2,240	2,165
Communist Countries								
USSR and Eastern Europe	3,220	5,150	7,320	8,780	9,990	10,500	11,100	11,600
USSR	2,943	4,835	6,976	8,420	9,630	10,170	10,700	11,210
Eastern Europe	277	317	340	356	363	366	364	346
Bulgaria	4	5	7	4	2	2	3	4
Czechoslovakia	3	4	4	3	3	3	2	2
East Germany	1	1	1	1	1	1	1	1
Hungary	24	36	39	40	40	43	44	44
Poland	4	7	8	8	11	9	7	7
Romania	241	264	281	300	306	308	307	288
Far East								
China <sup>2 4</sup>	102	227	603	1,137	1,541	1,735	1,874	2,082
Other								
Albania	15	16	30	34	37	38	38	N.A.
Cuba	1	1	3	3	5	5	5	5
Yugoslavia	18	40	56	64	72	75	76	79

<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 460,000 barrels per day in 1978.

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

## CRUDE OIL REFINING CAPACITY

1 JANUARY 1979

OECD	43,323.1	Indonesia	527.7	Trinidad and Tobago	461.0
United States	17,169.9	Iran	920.5	Virgin Islands	728.0
Australia	708.1	Iraq	168.5	Communist Countries	
Canada	2,220.1	Kuwait	712.0	USSR and Eastern Europe	11,410.0
Japan	5,675.6	Libya	137.1	USSR	9,000.0
Spain	1,424.9	Nigeria	159.0	Eastern Europe	2,410.0
European Community	16,124.5	Qatar	10.5	Bulgaria	280.0
Belgium	971.9	Saudi Arabia	487.3	Czechoslovakia	420.0
France	3,468.6	Venezuela	1,445.5	East Germany	440.0
Italy	4,196.9	Other Countries		Hungary	290.0
Netherlands	1,857.3	Argentina	655.2	Poland	420.0
United Kingdom	2,526.8	Bahamas	500.0	Romania	560.0
West Germany	3,103.0	Brazil	1,209.2	Far East	
OPEC	4,818.3	Egypt	250.0	China	1,800.0
Abu Dhabi	15.0	India	625.8	North Korea	90.0
Algeria	122.4	Mexico	1,243.5	Other	
Ecuador	92.8	Netherlands Antilles	842.0	Cuba	125.0
Gabon	20.0	Singapore	917.7	Yugoslavia	350.0

Source: CIA Handbook of Economic Statistics, 1979

# PROVED AND PROBABLE RESERVES OF CRUDE OIL, NATURAL GAS, AND COAL, YEAR-END 1978 <sup>1</sup>

	<u>Crude Oil</u>	<u>Natural Gas</u>	<u>Coal<sup>2</sup></u>
	Billion Barrels	Trillion Cubic Feet	Million Metric Tons
OECD			
United States	28	205	178,600
Canada	6	59	9,400
Norway	6	24	N.A.
European Community			
United Kingdom	16	27	45,000
West Germany	Negl.	6	34,400
Other Countries			
Abu Dhabi	30	20	0
Algeria	6	105	N.A.
Brazil	1	2	8,100
Ecuador	1	4	0
Egypt	3	3	Negl.
India	3	4	33,700
Indonesia	10	24	1,400
Iran	59	500	200
Iraq	32	28	0
Kuwait	66	31	0
Libya	24	24	0
Mexico	16	32	900
Nigeria	18	42	100
Oman	2	2	0
Qatar	4	40	0
Saudi Arabia	166	94	0
South Africa	0	0	26,900
Syria	2	2	0
Venezuela	18	41	1,000
Communist Countries			
USSR and Eastern Europe			
USSR	35	1020 <sup>3</sup>	256,000 <sup>3</sup>
Eastern Europe			
Poland	Negl.	5	21,800
Romania	1	9	400
Far East			
China	20	25	98,900
Other			
North Korea	0	0	8,000
Yugoslavia	Negl.	1	8,500

<sup>1</sup>The portion of total resources which has been assessed as being exploitable under local economic conditions and available technology. Data for the non-Communist countries exclude brown coal and lignite. Data for coal are expressed in terms of coal equivalent (7,000 kilocalories per kilogram).

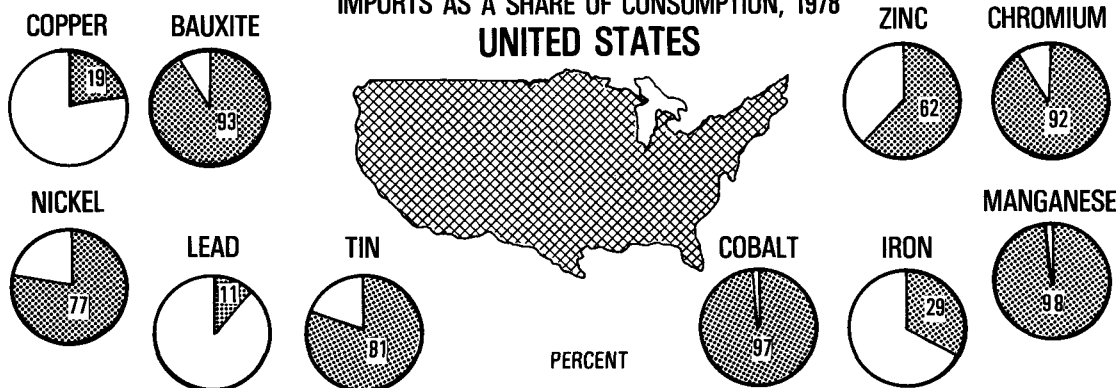
<sup>2</sup>Yearend 1977.

<sup>3</sup>Including proved, probable, and some possible reserves.

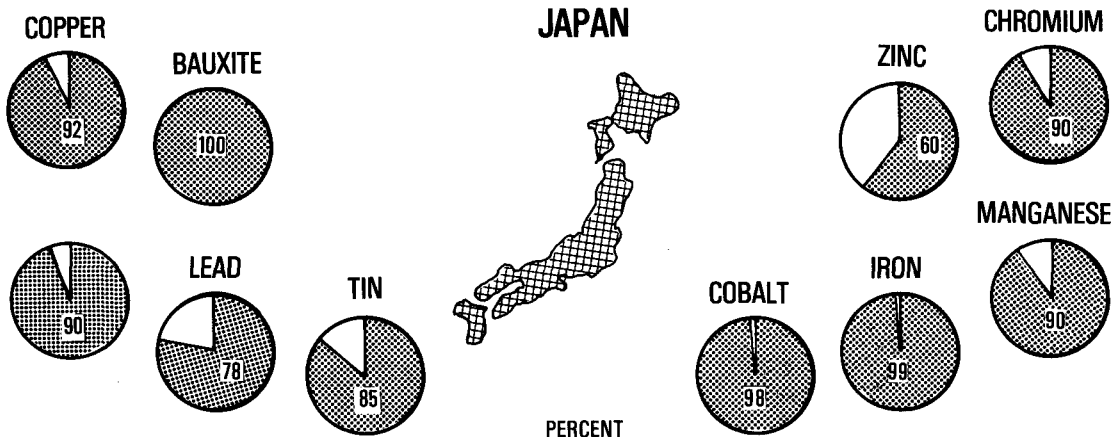
# MINERALS

## IMPORTS AS A SHARE OF CONSUMPTION, 1978

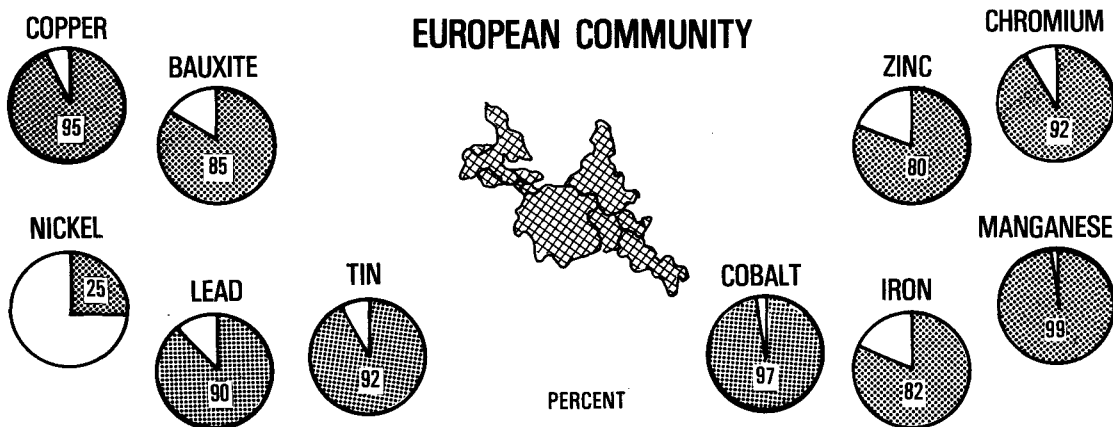
### UNITED STATES



### JAPAN



### EUROPEAN COMMUNITY



SOURCE: CIA - HANDBOOK OF ECONOMIC STATISTICS, 1979

# U.S. MILITARY DELIVERIES TO THE LESS DEVELOPED COUNTRIES, BY RECIPIENT <sup>1</sup>

	MILLIONS US \$					
	<u>1955-78</u>	<u>1973</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Total	59,464	5,735	4,757	6,005	7,168	7,874
Africa	975	18	31	81	153	228
Ethiopia	299	9	18	26	70	0
Libya	79	1	1	Negl.	Negl.	Negl.
Morocco	262	2	3	20	54	100
Tunisia	57	2	2	3	6	2
Zaire	77	1	1	4	9	13
Other	201	3	6	28	14	113
East Asia	23,459	4,761	2,023	729	679	1,094
Burma	85	Negl.	Negl.	Negl.	Negl.	1
Malaysia	193	3	32	19	43	64
Philippines	635	16	21	45	52	58
South Korea	5,168	279	214	359	274	508
Taiwan	3,789	101	176	185	196	312
Thailand	1,009	89	52	69	53	116
Other	12,580	4,273	1,528	52	61	35
Latin America	2,231	82	145	220	214	111
Argentina	265	10	10	12	13	24
Brazil	571	25	47	90	15	13
Chile	273	3	13	41	58	12
Colombia	142	2	2	2	8	4
Ecuador	86	Negl.	2	6	10	9
Peru	232	1	9	33	31	18
Uruguay	75	7	3	2	6	2
Venezuela	295	13	42	13	53	10
Other	292	21	17	21	20	19
Middle East and South Asia	31,062	785	2,496	4,826	5,918	6,314
Greece	2,618	49	148	362	275	229
India	203	1	3	10	11	11
Iran	10,077	261	1,056	2,036	2,571	1,924
Israel	6,180	212	709	1,017	1,078	1,068
Jordan	823	42	33	139	120	182
Pakistan	920	5	15	16	44	55
Saudi Arabia	6,194	92	362	1,094	1,571	2,376
Turkey	3,395	113	157	117	49	175
Other	652	10	13	35	199	294
Europe	1,737	89	62	149	204	127
Portugal	271	2	2	2	4	29
Spain	1,466	87	60	147	200	98

<sup>1</sup>Fiscal years. Including deliveries under the following programs: (a) Military Assistance Program grants under the various Mutual Security Acts; (b) Foreign Military Sales, which consist of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Excess Stock Sales, which involve surplus equipment that has been valued at 33 percent of the original acquisition value. The Military Assistance Service Funded program, designed to support non-US forces engaged in combat in Indochina, was provided directly from the US military budget and was not included in earlier reporting. US data exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program.

**SYSTEM: A-10**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY70-80)	CHANGES	CURRENT ESTIMATE (FY70-84)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ 281.9	+\$ 61.1	\$ 343.0	DEVELOPMENT	\$ 441.3	\$ 13.6	\$ 15.0	-	\$ 469.9A/
PROCUREMENT	1486.5	+ 714.7	2201.2	PROCUREMENT	3743.2	493.2	1291.6	-	5528.0
Airframe	(702.0)	(+ 402.9)	(1104.9)	CONSTRUCTION	-	-	-	-	-
Engines	(363.1)	(+ 109.2)	(472.3)	Total	\$4184.5	\$506.8	\$1306.6	\$ 0	\$5997.9
Avionics	( 75.1)	(+ 127.6)	(202.7)						
Other Hardware	( 66.3)	(+ 21.1)	( 87.4)	QUANTITY					
Total Flyaway	(1206.5)	(+ 660.8)	(1867.3)	DEVELOPMENT	10	-	-	-	10
Other Wpn Sys Cost	(150.8)	(+ 96.4)	(247.2)	PROCUREMENT	627	60	138	-	825
Initial Spares	(129.2)	(- 42.5)	( 86.7)	Total	637	60	138	0	835
CONSTRUCTION	-	-	-						
Total (FY70\$)	1768.4	+ 775.8	2544.2						
ESCALATION	721.3	+ 2732.4	3453.7						
TOTAL PROG COST	\$2489.7	+\$3508.2	\$5997.9						

APPROVED DESIGN TO COST GOAL: Average Flyaway Cost for 600 Units at a production rate of 15 per month.

	DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE
Constant FY 70\$	1.5 B/	1.8	2.2
Escalated	2.2	4.0	5.0

FOREIGN MILITARY SALES: None

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

B/ The Development Estimate Design to Cost Goal was based upon a production rate of 20 per month.

UNIT COST			
PROCUREMENT			
Constant FY70\$	\$ 2.04	\$ +0.63	\$ 2.67
Escalated	\$ 2.95	+ 3.75	\$ 6.70
PROGRAM			
Constant FY70\$	\$ 2.38	\$ +0.67	\$ 3.05
Escalated	\$ 3.35	+ 3.83	\$ 7.18

**SYSTEM E-3A**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY 70-80)	CHANGES	CURRENT ESTIMATE (FY 70-84)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ 761.0	+\$426.3	\$1187.3	DEVELOPMENT	\$1388.7	\$ 65.6	\$177.0	\$-	\$1631.3
PROCUREMENT	1389.9	- 42.1	1347.8	PROCUREMENT	2050.0	260.6	425.5	-	2736.1
Total Flyaway	(1096.8)	(- 162.7)	( 934.1)	CONSTRUCTION	-	-	-	-	-
Other Weap. Sys. Cost	(112.4)	(+ 194.2)	( 306.6)	TOTAL	\$3438.7	\$326.2	\$602.5	\$0	\$4367.4
Initial Spares	( 180.7)	(- 73.6)	( 107.1)						
CONSTRUCTION	-	-	-	QUANTITIES					
Total (FY 70\$)	2150.9	+ 384.2	2535.1	DEVELOPMENT	3	-	-	-	3
				PROCUREMENT	25	2	4	-	31
ESCALATION	510.7	+1321.6	1832.3	TOTAL	28	2	4	0	34
TOTAL PROGRAM COST	\$2661.6	+\$1705.8	\$4367.4						

**QUANTITIES**

DEVELOPMENT	-	+ 3	3
PROCUREMENT	42	- 11	31
Total	42	- 8	34

**UNIT COST**

PROCUREMENT			
Constant FY 70\$	\$ 33.1	+ 10.4	\$ 43.5
Escalated	\$ 42.5	+ 45.8	\$ 88.3
PROGRAM			
Constant FY 70\$	\$ 51.2	+ 23.4	\$ 74.6
Escalated	\$ 63.4	+ 65.1	\$ 128.5

APPROVED DESIGN TO COST GOAL : None .

FOREIGN MILITARY SALES: None .

**SYSTEM: F-15**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY70-79)	CHANGES	CURRENT ESTIMATE (FY70-85)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE FYDP	TO COMPLETE BEYOND FYDP	TOTAL
DEVELOPMENT A/	\$ 1654.9	+\$266.3	\$ 1921.2	DEVELOPMENT	\$ 2096.6	\$ 9.1	\$ 36.2	\$ -	\$ 2141.9
PROCUREMENT	4333.2	+1284.0	5617.2	PROCUREMENT	9608.2	860.6	1610.6	-	12079.4
Airframe	(1679.1)	(+ 821.5)	(2500.6)	CONSTRUCTION	-	-	-	-	-
Engines	(832.4)	(+ 320.9)	(1153.3)	Total	\$11704.8	\$869.7	\$1646.8	\$ 0	\$14221.3
Electronics	(866.8)	- 22.3	(844.5)	QUANTITIES					
Armament	(111.8)	- 41.4	(70.4)	DEVELOPMENT	20	-	-	-	20
Other Hardware	(18.2)	+ 24.1	(42.3)	PROCUREMENT	639	30	60	-	729
Total Flyaway	(3508.3)	(+1102.8)	(4611.1)	Total	659	30	60	0	749
Peculiar Support	(449.2)	(+ 107.0)	(556.2)						
Initial Spares	(375.7)	(+ 74.2)	(449.9)						
CONSTRUCTION	-	-	-	<b>APPROVED DESIGN TO COST GOAL: None</b>					
Total: (FY70\$)	5988.1	+1550.3	7538.4	<b>FOREIGN MILITARY SALES: Sales to date total 108 for an estimated cost of \$2565.0M, including: 4 RDT&amp;E and 36 production aircraft to Israel at \$907.8M; 8 to Japan at \$140.0M; and 60 to Saudi Arabia at \$1923.1M.</b>					
ESCALATION	1367.1	+5315.8	6682.9						
TOTAL PROGRAM COST	\$7355.2	+\$6866.1	\$14221.3						
QUANTITIES									
DEVELOPMENT	20	-	20						
PROCUREMENT	729	-	729						
Total	749	0	749						
UNIT COSTS									
PROCUREMENT									
Constant FY70\$	\$ 5.94	+ 1.77	\$ 7.71						
Escalated	\$ 7.65	+ 8.92	\$ 16.57						
PROGRAM									
Constant FY70\$	\$ 7.99	+ 2.07	\$ 10.06						
Escalated	\$ 9.82	+ 9.17	\$ 18.99						

A/ The "Development Estimate" and "Current Estimate" includes \$77.53M in development costs, prior to the base year, which have not been escalated to FY70 dollars. The \$77.53M equates to \$80.47M in constant FY70 dollars.

**SYSTEM: F-16**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1975

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY75-82)	CHANGES	CURRENT ESTIMATE (FY75-88)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE FYDP	TO COMPLETE BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 578.6	+\$162.5	\$ 741.1	DEVELOPMENT	\$ 856.0	\$ 42.3	\$ 17.1	\$ -	\$ 915.4
PROCUREMENT	3798.2	+4433.1	8231.3	PROCUREMENT	4830.2	1877.3	6500.2	4342.2	17549.9
Airframe	(1375.4)	(+1829.0)	(3204.4)	CONSTRUCTION	-	-	-	-	-
Engine	(911.3)	(+ 741.3)	(1652.6)	Total	\$5686.2	\$1919.6	\$6517.3	\$4342.2	\$18465.3
Electronics	(539.6)	(+ 681.9)	(1221.5)	QUANTITIES					
Armament	(171.6)	(+ 117.2)	(288.8)	DEVELOPMENT	8	-	-	-	8
Sys/Project Mgt	(33.8)	(+ 110.1)	(143.9)	PROCUREMENT	425	180	480	303	1388
Total Flyaway	(3031.7)	(+3479.4)	(6511.1)	Total	433	180	480	303	1396
Peculiar Support	(435.2)	(+ 661.3)	(1096.5)						
Initial Spares	(331.3)	(+ 292.3)	(623.6)						
CONSTRUCTION	-	-	-	<b>APPROVED DESIGN TO COST GOAL: None.</b>					
Total (FY75\$)	4376.8	+4595.6	8972.4						
ESCALATION	1677.7	+7815.2	9492.9						
TOTAL PROG COST	\$6054.5	+\$12410.8	\$18465.3						
QUANTITIES									
DEVELOPMENT	8	-	8						
PROCUREMENT	650	+ 738	1388						
Total	658	+ 738	1396						
UNIT COST									
PROCUREMENT									
Constant FY75\$	\$ 5.84	+ 0.09	\$ 5.93						
Escalated	\$ 8.30	+ 4.34	\$ 12.64						
PROGRAM									
Constant FY75\$	\$ 6.65	- 0.22	\$ 6.43						
Escalated	\$ 9.20	+ 4.03	\$ 13.23						

**SYSTEM: AIM-7F/M**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1968

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY68-74)	CHANGES	CURRENT ESTIMATE (FY68-84)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ -	+\$ 12.8	\$ 12.8	DEVELOPMENT	\$ 13.9	\$ 3.1	\$ -	\$ -	\$ 17.0
PROCUREMENT	206.8	+ 229.3	436.1	PROCUREMENT	598.1	118.5	193.5	-	910.1
Air Vehicle	(201.7)	(+ 221.0)	(422.7)	CONSTRUCTION	-	-	-	-	-
Total Flyaway	(201.7)	(+ 221.0)	(422.7)	Total	\$ 612.0	\$ 121.6	\$ 193.5	\$ 0	\$ 927.1
Peculiar Support	( 4.2)	(+ 4.0)	( 8.2)						
Initial Spares	( 0.9)	(+ 4.3)	( 5.2)						
CONSTRUCTION	-	-	-	QUANTITIES					
Total (FY68 \$)	206.8	+ 242.1	448.9	DEVELOPMENT	50	-	-	-	50
ESCALATION	47.3	+ 430.9	478.2	PROCUREMENT	6045	910	1490	-	8445
TOTAL PROG COST	\$ 254.1	+\$ 673.0	\$ 927.1	Total	6095	910	1490	0	8495

**APPROVED DESIGN TO COST GOAL:** AIM/RIM-7M Average Guidance and Control Group Cost for a 100 unit per month production rate at the 1000th production unit.

	DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE
Constant FY 77 \$	.088	.088	.088
Escalated	.100	.100	.100

**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 \$101.5M.

DELIVERIES (Plan/Actual)	TO DATE	+1 QTR	+2 QTR	+3 QTR	+4 QTR
Development	50/50	0	1	30	30
Procurement	3057/3057	469	416	357	426

\*This section reports Air Force Program as contained in PE 27161F. TAC AIM Missiles.

**SYSTEM: AIM-9L/M**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1971

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY71-77)	CHANGES	CURRENT ESTIMATE (FY71-83)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ 6.8	+\$ 14.1	\$ 20.9	DEVELOPMENT	\$ 25.2	\$ 0.5	-	\$-	\$ 25.7
PROCUREMENT	108.2	+172.7	280.9	PROCUREMENT	390.9	45.6	96.7	-	533.2
Air Vehicle	( 93.8)	(+160.7)	(254.5)	CONSTRUCTION	-	-	-	-	-
Total Flyaway	( 93.8)	(+160.7)	(254.5)	Total	\$416.1	\$46.1	\$96.7	\$0	\$558.9
Peculiar Support	( 11.0)	(+ 10.9)	( 21.9)						
Initial Spares	( 3.4)	(+ 1.1)	( 4.5)						
CONSTRUCTION	-	-	-	QUANTITIES					
Total (FY71 \$)	115.0	+186.8	301.8	DEVELOPMENT	63	-	-	-	63
ESCALATION	18.7	+238.4	257.1	PROCUREMENT	8560	260	540	-	9360
TOTAL PROG COST	\$133.7	+\$425.2	\$558.9	Total	8623	260	540	0	9423

**APPROVED DESIGN TO COST GOAL:** None.

**FOREIGN MILITARY SALES:** None.

DELIVERIES (Plan/Actual)	To Date	+1 Qtr	+2 Qtr	+3 Qtr	+4 Qtr
Development	76/76	0	0	0	0
Procurement	722/722	356	819	943	874

UNIT COSTS	DEVELOPMENT	CHANGES	CURRENT ESTIMATE
PROCUREMENT	15	+ 48	63
Constant FY71	\$ .019	+ .011	\$ .030
Escalated	\$ .022	+ .035	\$ .057
PROGRAM			
Constant FY71	\$ .020	+ .012	\$ .032
Escalated	\$ .023	+ .036	\$ .059

\* This cost section reports Air Force Program only.

**SYSTEM: ALCM**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1977

(U) PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY 74-85)	CHANGES	CURRENT ESTIMATE (FY 74-87)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT A/	\$ 696.1	+\$ 214.8	\$ 910.9	DEVELOPMENT	\$ 908.9	\$108.4	\$ 32.8	\$ -	\$1050.1
PROCUREMENT B/	2311.6	-75.6	2236.0	PROCUREMENT	570.0	571.1	1955.9	857.6	3954.6
Air Vehicle	(2094.4)	(-130.1)	(1964.3)	CONSTRUCTION	14.2	66.3	86.7	60.8	228.0
Total Flyaway	(2094.4)	(-130.1)	(1964.3)	Total	\$1493.1	\$745.8	\$2075.4	\$918.4	\$5232.7
Peculiar Support	(188.6)	(+ 47.4)	(236.0)	<b>QUANTITIES</b>					
Initial Spares	(28.6)	(+ 7.1)	(35.7)	DEVELOPMENT					
CONSTRUCTION	121.4	+ 1.8	123.2	AGM-109	7	-	-	-	7
Total (FY77\$)	3129.1	+141.0	3270.1	AGM-86	17	-	-	-	17
ESCALATION	1054.9	+907.7	1962.6	PROCUREMENT	273	480	1920	745	3418
TOTAL PROG COST	\$4184.0	+\$1048.7	\$5232.7	Total	297	480	1920	745	3442

**(U) QUANTITIES**

DEVELOPMENT			
AGM-109	14	-7	7
AGM-86	21	-4	17
PROCUREMENT	3424	-6	3418
Total	3459	-17	3442

APPROVED DESIGN TO COST GOAL: Average flyaway cost units for 3418 units at a production rate 40 per month.

Constant FY77 \$ Escalated	Planning/ Development Estimate	Approved Program	Current Estimate
	\$ .325	.325	.325
\$ .461	.461	.461	1.020

**(U) UNIT COSTS**

PROCUREMENT			
Constant FY77\$	\$0.675	-.021	\$0.654
Escalated	\$0.958	+1.199	\$1.157
PROGRAM			
Constant FY77\$	\$0.905	+0.045	\$0.950
Escalated	\$1.210	+0.310	\$1.520

FOREIGN MILITARY SALES: None

- A/ The "Development Estimate" and "Current Estimate" includes \$122.7M in development costs, prior to the base year which have not been escalated to constant FY77 dollars. The \$122.7M equates to \$134.5M in constant FY77 dollars.  
B/ Excludes Carrier Aircraft Equipment (CAE).

**SYSTEM: GLCM**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY1977

(U) PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY 78-86)	CHANGES	CURRENT ESTIMATE (FY 78-87)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ 74.8	+\$88.1	\$ 162.9	DEVELOPMENT	\$112.7	\$ 67.5	\$ 38.8	\$ -	\$ 219.0
PROCUREMENT	927.6	+ 25.8	953.4	PROCUREMENT	28.4	97.2	1322.7	352.5	1800.8
Air Vehicle	(646.9)	(-174.0)	(472.9)	CONSTRUCTION	-	23.1	26.2	-	49.3
Launch Equip.	(131.8)	(+182.3)	(314.1)	Total	\$141.1	\$187.8	\$1387.7	\$ 352.5	\$2069.1
Total Flyaway	(778.7)	(+ 8.3)	(787.0)	<b>QUANTITIES</b>					
Peculiar Support	(129.0)	(+ 16.0)	(145.0)	DEVELOPMENT	9	-	-	-	9
Initial Spares	(19.9)	(+ 1.5)	(21.4)	PROCUREMENT	-	11	414	135	560
CONSTRUCTION	51.2	-23.1	28.1	Total	9	11	414	135	569
Total (FY 77\$)	1053.6	+90.8	1144.4						
ESCALATION	473.6	+451.1	924.7						
TOTAL PROG COST	\$1527.2	+\$541.9	\$2069.1						

**(U) QUANTITIES**

DEVELOPMENT	6	+ 3	9
PROCUREMENT	696	- 136	560
Total	702	- 133	569

APPROVED DESIGN TO COST GOAL: Not yet established

**(U) UNIT COSTS**

PROCUREMENT			
Constant FY77\$	\$1.333	+ 0.370	\$1.703
Escalated	1.962	+ 1.254	\$3.216
PROGRAM			
Constant FY77\$	\$1.501	+ 0.510	\$2.011
Escalated	\$2.175	+ 1.461	\$3.636

FOREIGN MILITARY SALES: None.

**SYSTEM: IIR MAVERICK (AGM-65D)**

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

AS OF DATE: 31 December 1979  
BASE YEAR: 1975

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY75-86)	CHANGES	CURRENT ESTIMATE (FY75-88)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ 100.0	+\$ 7.8	\$107.8	DEVELOPMENT	\$108.9	\$36.3	\$ 19.9	\$ -	\$ 165.1
PROCUREMENT	895.1	+ 59.3	954.4	PROCUREMENT	-	-	1278.9	1015.7	2294.6
Air Vehicle	( 792.1)	(+ 73.3)	(865.4)	CONSTRUCTION	-	-	-	-	-
Total Flyaway	( 792.1)	(+ 73.3)	(865.4)	Total	\$108.9	\$36.3	\$1298.8	\$1015.7	\$2459.7
Peculiar Support	( 99.1)	(- 21.2)	( 77.9)	QUANTITIES					
Initial Spares	( 3.9)	(+ 7.2)	( 11.1)	DEVELOPMENT	-	7	26	-	33
CONSTRUCTION				PROCUREMENT	-	-	16120	16400	32520
Total (FY75\$)	995.1	+ 67.1	1062.2	Total	0	7	16146	16400	32553
ESCALATION	597.8	+799.7	1397.5						
TOTAL PROG COST	\$1592.9	+\$866.8	\$2459.7						
QUANTITIES									
DEVELOPMENT	35	- 2	33						
PROCUREMENT	31078	+1442	32520						
Total	31113	+1440	32553						
UNIT COSTS									
PROCUREMENT									
Constant FY75\$	\$ .0288	+ .0005	\$ .0293						
Escalated	\$ .0469	+ .0237	\$ .0706						
PROGRAM									
Constant FY75\$	\$ .0320	+ .0006	\$ .0326						
Escalated	\$ .0512	+ .0244	\$ .0756						

APPROVED DESIGN TO COST GOAL: Average unit flyaway cost based on 14,740 missiles at peak production rate of 500 missiles per month.

	Development Estimate	Approved Program	Current Estimate
Constant FY75\$	.0324	.0324	.0317
Escalated	.0504	.0719	.0704 <sup>A/</sup>

FOREIGN MILITARY SALES: None.

<sup>A/</sup> Approximated for information purposes only.

**SYSTEM: DSCS III (SPACE SEGMENT)**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1977

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY76-94)	CHANGES	CURRENT ESTIMATE (FY76-96)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$134.3	+\$ 31.5	\$165.8	DEVELOPMENT	\$146.1	\$ 15.7	\$ 26.3	\$ 12.8	\$200.9
PROCUREMENT	496.8	- 69.4	427.4	PROCUREMENT	54.5	87.9	593.0	20.7	756.1
Satellites	(313.1)	(+ 73.4)	(386.5)	CONSTRUCTION	-	-	-	-	-
Launch Vehicles	(183.7)	(- 142.8)	( 40.9)	Total	\$200.6	\$103.6	\$619.3	\$ 33.5	\$957.0
CONSTRUCTION				QUANTITIES					
Total (FY77 \$)	631.1	- 37.9	593.2	DEVELOPMENT	2	-	-	-	2
ESCALATION	262.5	+ 101.3	363.8	PROCUREMENT	-	1	11	-	12
TOTAL PROG COST	\$893.6	+\$ 63.4	\$957.0	Total	2	1	11	0	14
QUANTITIES									
DEVELOPMENT	2	-	2						
PROCUREMENT	12	-	12						
Total	14	0	14						
UNIT COSTS									
PROCUREMENT									
Constant FY77\$	\$ 41.4	- 5.8	\$ 35.6						
Escalated	\$ 61.8	+ 1.2	\$ 63.0						
PROGRAM									
Constant FY77\$	\$ 45.1	- 2.7	\$ 42.4						
Escalated	\$ 63.8	+ 4.6	\$ 68.4						

APPROVED DESIGN TO COST GOAL: Goal for the 5th and 6th satellites.

	DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE
Constant FY77\$	20.0	20.0	23.7
Escalated	28.5	28.5	42.6

FOREIGN MILITARY SALES: None.

**SYSTEM: PLSS**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1977

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY77-84)	CHANGES	CURRENT ESTIMATE (FY77-85)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL A/
DEVELOPMENT	\$195.4	+\$ 50.8	\$246.2	DEVELOPMENT	\$150.5	\$61.9	\$115.5	\$ -	\$327.9
PROCUREMENT	482.8	- 308.0	174.8	PROCUREMENT	-	-	335.2	-	335.2
Airborne Relay Veh	(238.4)	(- 139.7)	( 98.7)	CONSTRUCTION	-	-	-	-	-
Airborne Equipment	(128.6)	(- 80.0)	( 48.6)	Total	\$150.5	\$61.9	\$450.7	\$ 0	\$663.1
Ground Equipment	( 28.1)	(- 13.3)	( 14.8)	QUANTITIES	-	-	(1)	-	(1)
Total Flyaway	(395.1)	(- 233.0)	(162.1)	DEVELOPMENT	-	-	-	-	-
Other Wpn Sys Cost	( 38.4)	(- 29.3)	( 9.1)	PROCUREMENT	-	-	-	-	-
Initial Spares	( 49.3)	(- 45.7)	( 3.6)	Total	0	0	1	0	1 B/
CONSTRUCTION	-	-	-	APPROVED DESIGN TO COST GOAL: Based on one production PLSS defined by following subsystem quantities: (1) Central Processing Subsystem, (12) Aircraft Mission Subsystems; (12) Site Navigation Subsystems, (100) Vehicle Navigation Subsystems, and (500) Weapon Navigation Subsystems (funded with Munitions Procurement).					
Total (FY77 \$)	678.2	- 257.2	421.0	Constant FY77 \$	60.9	60.9	60.9	60.7	
ESCALATION	276.3	- 34.2	242.1	Escalated	89.4	89.4	89.4	100.3	
TOTAL PROGRAM COST	\$954.5	-\$291.4	\$663.1	FOREIGN MILITARY SALES:	None				
QUANTITIES				DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE D/			
DEVELOPMENT	(1)	-	(1) B/						
PROCUREMENT	3 C/	-2	1 B/						
Total	3	-2	1 B/						
UNIT COSTS									
PROCUREMENT									
Constant FY77 \$	\$160.9	+ 13.9	\$174.8						
Escalated	\$243.8	+ 91.4	\$335.2						
PROGRAM									
Constant FY77 \$	\$226.1	+ 194.9	\$421.0						
Escalated	\$318.2	+ 344.9	\$663.1						

**SYSTEM: EF-111A TJS**

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

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1973

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY73-81)	CHANGES	CURRENT ESTIMATE (FY73-85)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY81)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 84.3	+\$ 38.2	\$122.5	DEVELOPMENT	\$154.4	\$ 10.5	\$ 13.1	\$ -	\$ 178.0
PROCUREMENT	294.5	+ 172.7	467.2	PROCUREMENT	304.4	266.4	423.1	-	993.9A/
Aircraft Mod	(243.4)	(+193.3)	( 43.1)	CONSTRUCTION	-	-	-	-	-
Kits	(197.7)	(+176.9)	( 20.8)	O&M	12.3	16.0	124.8	-	153.1A/
Total Flyaway	(197.7)	(+176.9)	( 20.8)	Total	\$471.1	\$292.9	\$561.0	\$0	\$1325.0
Other Weap Sys Cost	( 45.7)	(+ 16.4)	( 29.3)	QUANTITIES					
Initial Spares	( 51.1)	(- 20.6)	( 30.5)	DEVELOPMENT	1	1	0	-	2
CONSTRUCTION	-	-	-	PROCUREMENT	8	11	21	-	40
Total (FY73\$)	378.8	+210.9	589.7	Total	9	12	21	0	42
O&M (Kits Inst Only)	34.6	+ 37.1	71.7	APPROVED DESIGN TO COST GOAL: Cumulative average flyaway based on 40 aircraft at a peak rate of 2 per month.					
Total: (FY73\$)	413.4	+248.0	661.4	Constant FY73\$	5.4	5.4	5.4	8.9	
ESCALATION	218.5	+445.1	663.6	Escalated	11.5	11.5	11.5	18.9	
TOTAL PROG COST	\$631.9	+\$693.1	\$1325.0	FOREIGN MILITARY SALES:	None				
QUANTITIES				A/	Includes funds to retrofit two development aircraft to procurement configuration.				
DEVELOPMENT	2	-	2	B/	Cumulative average flyaway based on 42 aircraft with a peak rate of 1 per month				
PROCUREMENT	40	-	40						
Total	42	0	42						
UNIT COSTS									
PROCUREMENT									
Constant FY73\$	\$ 7.36	+ 3.76	\$ 11.12						
Escalated	\$ 11.48	+12.18	\$ 23.66						
PROGRAM									
Constant FY73\$	\$ 9.84	+ 5.91	\$ 15.75						
Escalated	\$ 15.05	+16.50	\$ 31.55						

SYSTEM: E-4

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1979  
BASE YEAR: FY 1974

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE	CHANGES	CURRENT ESTIMATE	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR	BALANCE TO COMPLETE		TOTAL
	(FY73-78)		(FY73-85)			(FY81)	FYDP	BEYOND FYDP	
DEVELOPMENT	\$158.8	+\$135.9	\$294.7	DEVELOPMENT	\$354.7	\$7.1	\$ 3.2	\$ -	\$365.0 B/
PROCUREMENT	255.0	+ 131.3	386.3	PROCUREMENT	96.9	-	751.6	-	848.5
Weapon System	(246.1)	{+ 138.6}	(384.7)	CONSTRUCTION	19.7	-	-	-	19.7
Total Flyaway	(237.4)	{+ 135.8}	(373.2)	Total	\$471.3	\$7.1	\$754.8	\$ 0	\$1233.2 A/
Peculiar Support	(8.7)	{+ 2.8}	(11.5)						
Initial Spares	(8.9)	{- 7.3}	(1.6)	QUANTITIES					
CONSTRUCTION	29.1	- 15.3	13.8	DEVELOPMENT	1	-	-	-	1
Total (FY74\$)	442.9	+ 251.9	694.8	PROCUREMENT	3	0	2	0	5
				Total	4	0	2	0	6
ESCALATION	41.4	+ 497.0	538.4						
TOTAL PROG COST A/	\$484.3	+\$748.9	\$1233.2						
QUANTITIES									
DEVELOPMENT	1	-	1	APPROVED DESIGN TO COST GOAL: None					
PROCUREMENT	6	-1	5	FOREIGN MILITARY SALES: None					
Total	7	-1	6						
UNIT COSTS									
PROCUREMENT									
Constant FY74\$	\$ 42.5	+ 34.8	\$ 77.3						
Escalated	\$ 47.4	+ 122.3	\$169.7						
PROGRAM									
Constant FY74\$	\$ 63.3	+ 52.5	\$115.8						
Escalated	\$ 69.2	+ 136.3	\$205.5						

A/ Interim NEACP retrofit/modification to advanced configuration is not included (Current Estimate \$424.2M).

B/ OSD has approved additional continuing funds for development and study of future block efforts as follows: FY77 & P: \$3.9M; FY81: \$1.0M; FY82: \$4.0M; FY83: \$3.5M; FY84: \$3.5M; FY85: \$4.1M.



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 Early, Joseph D. (MA)  
 Wilson, Charles (TX)  
 Boggs, Lindy (Mrs Hale) (LA)  
 Benjamin, Adam Jr. (IN)  
 Dicks, Norman D. (WA)  
 McHugh, Mathew F. (NY)  
 Ginn, Bo (GA)  
 Lehman, William (FL)  
 Hightower, Jack (TX)  
 Jenrette, John W. Jr. (SC)  
 Sabo, Martin Olav (MN)  
 Dixon, Julian C. (CA)  
 Stewart, Bennett M. (IL)

## Republicans

Conte, Silvio O. (MA)  
 Michel, Robert H. (IL)  
 McDade, Joseph M. (PA)  
 Andrews, Mark (ND)  
 Edwards, Jack (AL)  
 McEwen, Robert C. (NY)  
 Myers, John T. (IN)  
 Robinson, J. Kenneth (VA)  
 Miller, Clarence E. (OH)

Coughlin, Lawrence (PA)  
 Young, C. W. Bill (FL)  
 Kemp, Jack F. (NY)  
 Regula, Ralph S. (OH)  
 Burgener, Clair W. (CA)  
 O'Brien, George M. (IL)  
 Smith, Virginia (NE)  
 Rudd, Eldon (AZ)  
 Pursell, Carl D. (MI)

## DEFENSE SUBCOMMITTEE

### Democrats

Addabbo, Joseph P. (NY) Chairman  
 Wilson, Charles (TX)  
 Giaimo, Robert N. (CT)  
 Chappell, Bill Jr. (FL)

Burlison, Bill D. (MO)  
 Murtha, John P. (PA)  
 Dicks, Norman D. (WA)

### Republicans

Edwards, Jack (AL)  
 Kemp, Jack (NY)

Robinson, J. Kenneth (VA)

## MILITARY CONSTRUCTION SUBCOMMITTEE

### Democrats

McKay, K. Gunn (UT) Chairman  
 Ginn, Bo (GA)

Steed, Tom (OK)  
 Addabbo, Joseph P. (NY)  
 Long, Clarence D. (MD)

### Republicans

McEwen, Robert C. (NY)

Regula, Ralph S. (OH)

# SENATE ARMED SERVICES COMMITTEE

## Democrats

Stennis, John C. (MS) Chairman  
Jackson, Henry M. (WA)  
Cannon, Howard W. (NV)  
Byrd, Harry F. Jr. (VA)  
Nunn, Sam (GA)

Culver, John C. (IA)  
Hart, Gary W. (CO)  
Morgan, Robert (NC)  
Exon, J. James (NB)  
Levin, Carl (MI)

## Republicans

Tower, John (TX)  
Thurmond, Strom (SC)  
Goldwater, Barry (AZ)

Warner, John W. (VA)  
Humphrey, Gordon J. (NH)  
Cohen, William S. (ME)  
Jepsen, Roger W. (IA)

## SASC SUBCOMMITTEES

### Arms Control

Jackson, Henry M. (WA)  
Hart, Cary W. (CO)

### Democrats

Exon, J. James (NB)  
Levin, Carl (MI)

### Republicans

Cohen, William S. (ME)  
Thurmond, Strom (SC)

Tower, John (TX)

### General Procurement

Byrd, Harry F. Jr. (VA)  
Cannon, Howard W. (NV)  
Morgan, Robert (NC)

### Democrats

Jackson, Henry M. (WA)  
Hart, Gary W. (CO)

### Republicans

Goldwater, Barry (AZ)  
Thurmond, Strom (SC)

Tower, John (TX)  
Jepsen, Roger W. (IA)

### Manpower and Personnel

Nunn, Sam (GA) Chairman  
Culver, John C. (IA)

### Democrats

Byrd, Harry F. Jr. (VA)  
Exon, J. James (NE)

### Republicans

Jepsen, Roger W. (IA)  
Cohen, William S. (ME)

Warner, John W. (VA)

**SASC SUBCOMMITTEES (CONT'D)**Research and Development

Culver, John C. (IA) Chairman  
 Morgan, Robert (NC)  
 Levin, Carl (MI)

Democrats

Nunn, Sam (GA)  
 Exon, J. James (NB)

Republicans

Warner, John W. (VA)  
 Humphrey, Gordon J. (NH)

Goldwater, Barry (AZ)  
 Cohen, William S. (ME)

MILCON & Stockpiles

Hart, Gary, (CO) Chairman  
 Cannon, Howard W. (NV)  
 Nunn, Sam (GA)

Democrats

Jackson, Henry M. (WA)  
 Byrd, Harry F. (VA)

Republicans

Thurmond, Strom (SC)  
 Warner, John W. (VA)

Tower, John (TX)  
 Humphrey, Gordon J. (NH)

Procurement Policy and Reprogramming

Morgan, Robert (NC) Chairman  
 Culver, John C. (IA)

Democrats

Cannon, Howard W. (NV)  
 Levin, Carl (MI)

Republicans

Humphrey, Gordon J. (NH)  
 Jepsen, Roger W. (IA)

Goldwater, Barry (AZ)

# HOUSE ARMED SERVICES COMMITTEE

## Democrats

Price, Melvin (IL) Chairman  
Bennett, Charles E. (FL)  
Stratton, Samuel S. (NY)  
Ichord, Richard H. (MO)  
Nedzi, Lucien N. (MI)  
Wilson, Charles H. (CA)  
White, Richard C. (TX)  
Nichols, Bill (AL)  
Brinkley, Jack (GA)  
Mollohan, Robert H. (WV)  
Daniel, Dan (VA)  
Montgomery, G. V. (Sonny) (MS)  
Aspin, Les (WI)  
Dellums, Ronald V. (CA)  
Runnels, Harold (NM)

Davis, Mendel J. (SC)  
Schroeder, Patricia (CO)  
Kazen, Abraham Jr. (TX)  
Won Pat, Antonio B. (GU)\*  
Carr, Bob (MI)  
Lloyd, Jim (CA)  
McDonald, Larry (GA)  
Stump, Bob (AZ)  
Hutto, Earl D. (FL)  
Leach, A Claude (Buddy) Jr. (LA)  
Byron, Beverly B. (MD)  
Mavroules, Nicholas (MA)  
Wyatt, Joseph Jr. (TX)  
Bailey, Donald (PA)

## Republicans

Wilson, Bob (CA)  
Dickinson, William L. (AL)  
Whitehurst, G. William (VA)  
Spence, Floyd (SC)  
Hopkins, Larry J. (KY)  
Beard, Robin L. (TN)  
Mitchell, Donald J. (NY)  
Holt, Marjorie S. (MD)

Daniel, Robert W. Jr. (VA)  
Hillis, Elwood (IN)  
Emery, David F. (ME)  
Trible, Paul S. Jr. (VA)  
Badham, Robert E. (CA)  
Dougherty, Charles (PA)  
Courter, James A. (NJ)  
Evans, Melvin I. (VI)\*

\* Non-Voting on Floor

## HASC SUBCOMMITTEES

### Procurement & Military Nuclear Systems Subcommittee

#### Democrats

Price, Melvin (IL) Chairman  
Wilson, Charles H. (CA)  
Daniel, Dan (VA)  
Carr, Bob (MI)

Stump, Bob (AZ)  
Leach, A. Claude (Buddy) Jr. (LA)  
Mavroules, Nicholas (MA)  
Bailey, Donald (PA)

#### Republicans

Wilson, Bob (CA)  
Holt, Marjorie S. (MD)  
Daniel, Robert W. Jr. (VA)

Hillis, Elwood (IN)  
Badham, Robert E. (CA)

### Seapower & Strategic & Critical Materials Subcommittee

#### Democrats

Bennett, Charles E. (FL) Chairman  
Brinkley, Jack (GA)  
Mollohan, Robert H. (WV)

Byron, Beverly B. (MD)  
Wyatt, Joseph Jr. (TX)  
Stratton, Samuel S. (NY)

#### Republicans

Spence, Floyd (SC)  
Emery, David F. (ME)

Trible, Paul S. Jr. (VA)  
Dougherty, Charles F. (PA)

## HASC SUBCOMMITTEES (CONT'D)

Research & Development Subcommittee

Ichord, Richard H. (MO) Chairman  
 Runnels, Harold (NM)  
 Aspin, Les (WI)  
 Dellums, Ronald V. (CA)

Democrats

Schroeder, Patricia (CO)  
 Lloyd, Jim (CA)  
 McDonald, Larry (GA)

Republicans

Dickinson, William L. (AL)  
 Whitehurst, G. William (VA)

Mitchell, Donald J. (NY)  
 Courter, James A. (NJ)

Military Personnel Subcommittee

White, Richard C. (TX) Chairman  
 Montgomery, G. V. (Sonny) (MS)  
 Kazen, Abraham Jr. (TX)

Democrats

Won Pat, Antonio B. (GU)  
 Nedzi, Lucien N. (MI)  
 Nichols, Bill (AL)

Republicans

Holt, Marjorie S. (MD)

Hillis, Elwood (IN)  
 Hopkins, Larry J. (KY)

Investigations Subcommittee

Stratton, Samuel S. (NY) Chairman  
 Mollohan, Robert H. (WV)  
 Daniel, Dan (VA)  
 Runnels, Harold (NM)  
 Kazen, Abraham Jr. (TX)

Democrats

Won Pat, Antonio B. (GU)  
 Price, Melvin (IL)  
 Ichord, Richard H. (MO)  
 Nichols, Bill (AL)

Republicans

Beard, Robin L. (TN)  
 Danial, Robert W. Jr. (VA)

Badham, Robert E. (CA)  
 Spence, Floyd (SC)  
 Hopkins, Larry J. (KY)

Installations & Facilities Subcommittee

Nedzi, Lucien N. (MI) Chairman  
 Wilson, Charles H. (CA)  
 Brinkley, Jack (GA)  
 Davis, Mendel J. (SC)  
 Won Pat, Antonio B. (GU)

Democrats

Byron, Beverly B. (MD)  
 Bennett, Charles E. (FL)  
 White, Richard C. (TX)

Republicans

Whitehurst, G. William (VA)  
 Beard, Robin L. (TN)  
 Mitchell, Donald J. (NY)

Trible, Paul S. Jr. (VA)  
 Dickinson, William L. (AL)

## HASC SUBCOMMITTEES (CONT'D)

### Military Compensation Subcommittee

#### Democrats

Nichols, Bill (AL) Chairman  
Mollohan, Robert H. (WV)  
Aspin, Les (WI)  
Davis, Mendel J. (SC)  
Fazio, Victor (CA)

Leach, A Claude (Buddy) Jr. (LA)  
Byron, Beverly B. (MD)  
Mavroules, Nicholas (MA)  
Wyatt, Joseph Jr. (TX)

#### Republicans

Mitchell, Donald J. (NY)  
Emery, David F. (ME)  
Dougherty, Charles (PA)

Courter, James A. (NJ)  
Evans, Melvin I. (VI)

### Special Subcommittee on NATO Standardization, Interoperability and Readiness

#### Democrats

Daniel, Dan (VA) Chairman  
Davis, Mendel J. (SC)  
Schroeder, Patricia (CO)  
Carr, Bob (MI)  
Lloyd, Jim (CA)

McDonald, Larry (GA)  
Stump, Bob (AZ)  
Ichord, Richard H. (MO)  
Nichols, Bill (AL)

#### Republicans

Dickinson, William L. (AL)  
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)

Kassenbaum, 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, Normal Y. (CA)

Mattox, Jim (TX)  
 Jones, James R. (OK)  
 Solarz, Stephen J. (NY)  
 Brodhead, William M. (MI)  
 Wirth, Timothy E. (CO)  
 Panetta, 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)  
 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)

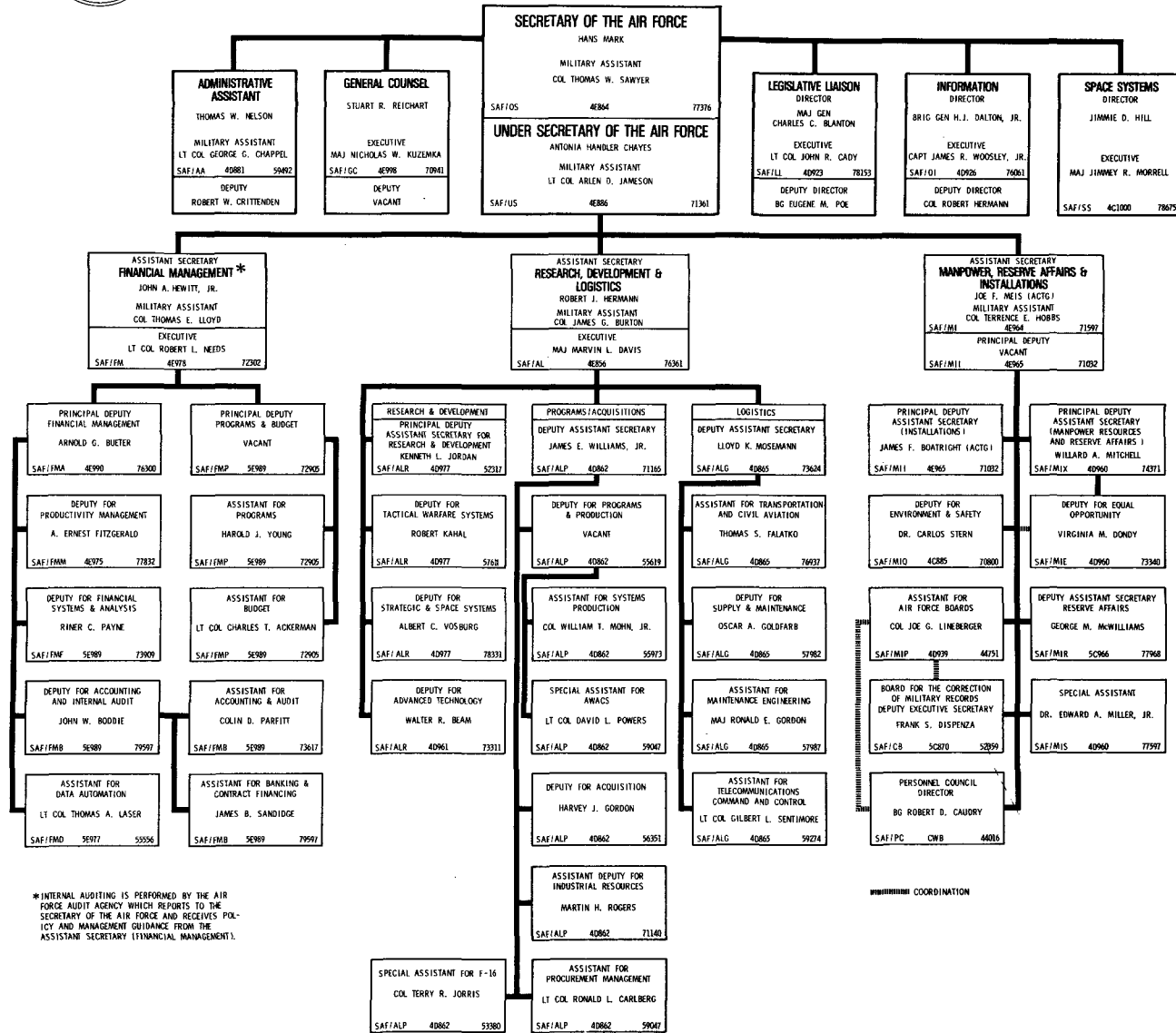
Shuster, Bud (PA)  
 Rudd, Eldon (AZ)



# OFFICE OF THE SECRETARY OF THE AIR FORCE

1 AUG 1979

REF 10





**CHIEF OF STAFF**

GENERAL ALLEN

EXECUTIVE: COL CONSTANTINE  
\* AF/CC 4695-7925

**VICE CHIEF OF STAFF**

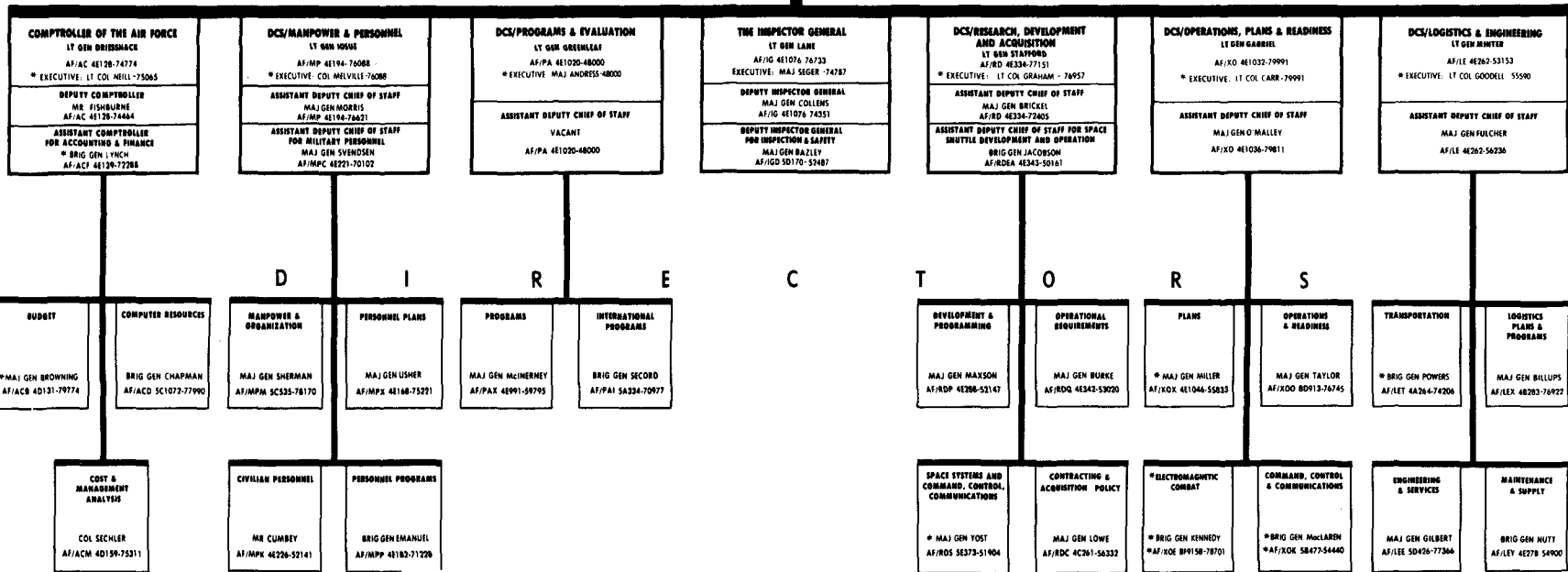
GENERAL HALL

EXECUTIVE: COL MAXWELL  
AF/VC 4693-5701

**ASST VICE CHIEF OF STAFF**

LT GEN BOWHELL

EXECUTIVE: LT COL KEENEY  
AF/CVA 4693-5702



**1947 ADMINISTRATIVE SUPPORT GROUP**  
COL CRAWFORD  
AS/CC 5A266-70135 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	Vacant
Air Defense Weapons Center	Maj Gen William E. Brown, Jr.	245h NORAD/ADCOM Region	Brig Gen J. G. Bennett
20th NORAD/ADCOM Region	Brig Gen Edward L. Tixier	25th NORAD/ADCOM Region	Brig Gen A. M. Miller, Jr.
21st NORAD/ADCOM Region	Brig Gen A. L. Ferguson	26th NORAD/ADCOM Region	Brig Gen James S. Creedon
22nd NORAD/ADCOM Region	Brig Gen Robert E. Buhrow		

\*\*Retires 1 Jan 80

## AIR FORCE AUDIT AGENCY

Auditor General/Commander	Maj Gen J. B. Dodds	Assistant Auditor General	Col M. E. Banaszak
Deputy Auditor General	Mr. C. E. Jeffcoat	(HQ USAF)	

## AIR FORCE ACCOUNTING AND FINANCE CENTER

Director Accounting and Finance/Commander	Brig Gen G. C. Lynch	Deputy Director Assistant Director (HQ USAF)	Mr. C. P. Peterson Lt Col V. Mikus
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## AIR FORCE COMMUNICATIONS COMMAND

Commander	Maj Gen Robert C. Herres	European Communication Area	Brig Gen G. Prather
Pacific Communication Area		Northern Communication Area	Brig Gen R. W. Pryor
Tactical Communication Area	Col J. P. Hyde	Southern Communication Area	
Strategic Communication Area	Brig Gen J. T. Randerson		

## AIR FORCE INSPECTION AND SAFETY CENTER

Commander Maj Gen L. C. Russell

## AIR FORCE LOGISTICS COMMAND

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

## AIR FORCE MANPOWER AND PERSONNEL CENTER

Commander	Maj Gen Leroy W. Svendsen, Jr.
Civilian Personnel Operations	Mr. G. W. Mulling

# 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 Division  
Aerospace Medical Division  
Space & Missile Test Center  
Air Force Flight Test Center

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

Air Force Contract Management  
Division  
Foreign Technology Division  
Arnold Engrg Development Center  
Armament Division  
Air Force Engrg and Service  
Center

Brig Gen M. W. Baker  
Col H. E. Wright  
Col M. Alexandeo  
Maj Gen R. M. Bond  
Col H. Yemada

## 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 B. L. Davis  
Maj Gen W. P. Acker  
Brig Gen K. D. McCartney  
Maj Gen N. E. Brown  
Maj Gen D. H. Payne  
Maj Gen W. R. Brazley  
Maj Gen W. B. Maxon

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

Lt Gen S. M. Umstead Jr.  
Maj Gen D. L. Gray  
Maj Gen G. E. Cooke  
Brig Gen R. C. Karns  
Maj Gen D. B. Easson  
Col C. F. Dreyer, Jr.

# USAF MAJCOMs & SOAs

(Major Organizational Commanders)

(Continued)

## MILITARY AIRLIFT COMMAND

Commander	Gen R. E. Huyser	Air Weather Service	Brig Gen A. J. Kaehn, Jr.
21st Air Force	Maj Gen T. M. Sadler	Aerospace Audio-Visual	
22nd Air Force	Maj Gen C. F. G. Kuyk, Jr.	Service	Col J. B. Kerr
Aerospace Rescue and Recovery Service		76th Airlift Wing	Maj Gen B. F. Starr, Jr.
	Brig Gen C. Nugteren		

## PACIFIC AIR FORCES

Commander	Lt Gen J. D. Hughes	313th Air Division	Brig Gen J. R. Brown
5th Air Force	Lt Gen W. H. Ginn, Jr.	314th Air Division	Maj Gen G. A. Edwards, Jr.
13th Air Force	Maj Gen J. R. Hildreth		

## STRATEGIC AIR COMMAND

Commander	Gen R. H. Ellis	40th Air Division	Brig Gen C. Schrupp
8th Air Force	Lt Gen E. S. Harris, Jr.	42nd Air Division	Brig Gen R. F. Wacker
3rd Air Division	Brig Gen L. C. Buckman	12th Air Division	Brig Gen D. B. Sullivan
15th Air Force	Lt Gen J. P. Mullins	14th Air Division	Brig Gen J. A. Brashear
1st Strategic Aerospace Division		47th Air Division	Brig Gen I. B. Reed
19th Air Division	Maj Gen E. A. Coy	4th Air Division	Brig Gen D. L. Patton
45th Air Division	Brig Gen L. E. Buzard	57th Air Division	Brig Gen S. C. Beck
	Brig Gen R. E. Nesserli		

## TACTICAL AIR COMMAND

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

## UNITED STATES AIR FORCE ACADEMY

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

## ELECTRONIC SECURITY COMMAND

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

Commander	Col Robert Edgell		
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