

DEPARTMENT OF THE AIR FORCE

**FY 1997 BUDGET ESTIMATES
SUBMITTED TO CONGRESS MARCH 1996**



Readiness Justification Book, Air Force

TABLE OF CONTENTS

	<u>Page</u>
Introduction.....	1
Section I: Military Personnel	2
Exhibit A: Military Personnel Inventories.....	3
Exhibit B: Budgeted and Actual Military Personnel End Strength by Grade.....	7
Section II: Military Personnel Accessions/Reenlistments.....	8
Exhibit C: Quality of Active Duty Enlisted Accessions.....	9
Exhibit D: Enlisted Accessions	10
Exhibit E: Number of Enlisted Reenlistments	11
Section III: Operating TEMPO	12
Exhibit F: Training Opportunity Indicators	13
Exhibit G: Strategic Surge Capability	14
Section IV: Force Structure.....	15
Exhibit H: Mission Capable Rates	16

INTRODUCTION

As directed in the 1993 Senate Appropriations Report, the Department of Defense began submitting a Readiness Justification Book (J-Book), along with other justification materials to accompany the FY 1995 O&M budget request. The Congress specified that the information provided in this report should include indicators for each military service which "describe historical trends in, the current status of, and future prospects for: achieving manpower fill rates in critical force units; sustaining manpower skill levels, and training activities; meeting accession goals and quality; satisfying reenlistment requirements; meeting manpower C-rating requirements; sustaining equipment fill rates; and achieving equipment mission capable rating goals."

We have not attempted to reprint every readiness indicator used by the Air Force. Instead this Readiness J-Book is intended to supplement the O&M J-Book, various congressional committee hearings, and the congressional staff member briefings provided by various Air Force agencies.



Section I: Military Personnel

Exhibit A, Military Personnel Inventories, Part I provides a summary of billets for the total Air Force.

a. Programmed requirements are the budgeted end strength minus Individual Mobilization Augmentees (IMAs) assigned to the Air Force Reserve and individuals not in the force structure (i.e. transients, holdees, students, trainees, and cadets) plus unfunded wartime manpower requirements.

b. Budgeted end strength is the total end strength authorized by Congress less IMAs assigned to the Air Force Reserve and individuals not in the force structure (i.e. transients, holdees, students, trainees, and cadets).

c. Actual end strength is the number of personnel in, or projected to be in an organization or account at a specific point in time. For purposes of this exhibit, programmed IMAs and individuals not in the force structure were excluded.

Exhibit A, Part IIA reflects military personnel inventories for tactical forces. The exhibit provides personnel inventories for only the tactical forces. Manpower numbers for tactical forces were based on program elements in the following Defense Mission Categories (DMCs): air-to-air combat, air-to-ground combat, defense suppression, tactical reconnaissance, tactical C3, tanker/cargo, and SOF Operations (minus SOF management headquarters).

Exhibit A, Part IIB provides personnel inventories for bomber forces. Manpower numbers for bomber forces were based on program elements in the bomber DMC.

Exhibit B, Budgeted and Actual Military Personnel End Strength by Grade, compares active duty budgeted end strength by grade to the actual reported strength by grade. Items excluded in Exhibit A are not excluded in this section.

Military Personnel Inventories
US Air Force
Part I Total Manning

	<u>Programmed Manning</u>	<u>Budgeted End Strength</u>	<u>Percent Manning</u>	<u>Actual End Strength</u>	<u>Percent Achieved</u>
FY1995					
Active	369,475	363,261	98.32%	366,070	99.08%
Reserve **					
Full-Time	648	648	100.00%	648	100.00%
Drill	65,430	64,799	99.04%	62,752	95.91%
Guard					
Full-Time	9,457	9,127	96.51%	9,127	96.51%
Drill	108,756	100,698	92.59%	100,698	92.59%
FY1996					
Active	359,330	352,174	98.01%		
Reserve **					
Full-Time	667	667	100.00%		
Drill	60,149	59,847	99.50%		
Guard					
Full-Time	10,372	10,066	97.05%		
Drill	104,867	102,641	97.88%		

**Military Personnel Inventories
US Air Force
Part I Total Manning**

	<u>Programmed Manning</u>	<u>Budgeted End Strength</u>	<u>Percent Manning</u>	<u>Actual End Strength</u>	<u>Percent Achieved</u>
FY1997					
Active	352,390	345,210	97.96%		
Reserve					
Full-Time	693	693	100.00%		
Drill	59,678	59,188	99.18%		
Guard					
Full-Time	10,502	10,129	96.45%		
Drill	100,048	97,889	97.84%		

**** All significant variations in Air Force Reserve manning are due to F-16 and A-10 aircraft reductions as a part of the drawdown to 20 Fighter Wing Equivalents (FWE).**

**Military Personnel Inventories
US Air Force**

Part IIA Manning for Tactical Air Forces

	<u>Programmed Manning</u>	<u>Budgeted End Strength</u>	<u>Percent Manning</u>	<u>Actual End Strength</u>	<u>Percent Achieved</u>
FY1995					
Active	61,436	61,290	99.76%	61,250	99.70%
Reserve					
Full-Time	-	-	-		
Drill	7,532	7,507	99.67%	6,946	92.22%
Guard					
Full-Time	3,468	2,965	85.50%	2,965	85.50%
Drill	46,077	41,179	89.37%	41,179	89.37%
FY1996					
Active	59,452	59,304	99.75%		
Reserve					
Full-Time	-	-	-		
Drill	5,850	5,817	99.44%		
Guard					
Full-Time	3,102	2,890	93.17%		
Drill	41,218	39,248	95.22%		
FY1997					
Active	58,975	58,820	99.74%		
Reserve					
Full-Time	-	-	-		
Drill	5,852	5,819	99.44%		
Guard					
Full-Time	3,197	2,994	93.65%		
Drill	39,434	37,491	95.07%		

Note: Decreases between fiscal years are attributed to force structure adjustments.

**Military Personnel Inventories
US Air Force
Part IIB Manning for Bombers**

	<u>Programmed Manning</u>	<u>Budgeted End Strength</u>	<u>Percent Manning</u>	<u>Actual End Strength</u>	<u>Percent Achieved</u>
FY1995					
Active	12,025	12,000	99.79%	12,000	99.79%
Reserve					
Full-Time	-	-	-		
Drill	588	500	85.32%	500	85.32%
Guard					
Full-Time	182	182	100.00%	182	100.00%
Drill	688	688	100.00%	688	100.00%
FY1996					
Active	11,447	11,418	99.75%		
Reserve					
Full-Time	-	-	-		
Drill	575	575	100.00%		
Guard ***					
Full-Time	360	360	100.00%		
Drill	1,500	1,500	100.00%		
FY1997					
Active	11,423	11,394	99.75%		
Reserve					
Full-Time	-	-	-		
Drill	575	575	100.00%		
Guard					
Full-Time	360	360	100.00%		
Drill	1,500	1,500	100.00%		

All significant variations in manning due to a reduction in F-16 and A-10 aircraft as part of the drawdown to the 20 Fi Equivalent (FWE).

*** Increase from FY 1995 to FY 1996 is driven by B-1 mission changes.

**Budgeted and Actual Military Personnel End Strength by Grade
US Air Force**

	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
E1-E4			
Budgeted End Strength	154,551	151,624	149,975
Actual	157,463		
E5-E9			
Budgeted End Strength	163,800	156,648	152,680
Actual	160,475		
Cadets			
Budgeted End Strength	4,000	4,000	4,000
Actual	4,027		
O1-O3			
Budgeted End Strength	46,866	44,658	43,684
Actual	47,837		
O4-O6			
Budgeted End Strength	30,562	30,996	30,487
Actual	30,333		
O7-O10			
Budgeted End Strength	272	274	274
Actual	274		
Total			
Budgeted End Strength **	400,051	388,200	381,100
Actual	400,409	-	-

** Decrease in budgeted end strength is due to force structure reductions.

Section II: Military Personnel Accessions/Reenlistments

Exhibit C, Quality of Active Duty Enlisted Accessions, provides a breakout of Air Force accessions by high school diploma and mental category. Non-prior service accessions are recruits who have no prior military service. Mental test categories I-III A are recruits who score 50-99 percentile on the Armed Forces Qualification Test (AFQT), and mental test categories IIIB-IV score between 10-49 percentile. Prior Service recruits are individuals who have served at least 24 consecutive months in an active component.

Exhibit D, Enlisted Accessions, provides a breakout of Air Force accessions by component.

Exhibit E, Number of Enlisted Reenlistments, provides the number of active duty reenlistments. Initial Term are individuals who are reenlisting in the Air Force for the first time. Career are those who have reenlisted two or more times. Enlisted First Term Attrition includes those individuals who separate for any reason prior to completion of their initial term of service. Enlisted First Term Retention is the percentage of the eligible first termers who reenlisted.



**Quality of Active Duty Enlisted Accessions
US Air Force**

	<u>FY 1995</u> <u>Estimate</u>	<u>FY 1996</u> <u>Estimate</u>	<u>FY 1997</u> <u>Estimate</u>
Non Prior Service Accessions			
With High School Diploma	30,839	30,400	29,900
Without High School Diploma **	55	300	300
Total	30,894	30,700	30,200
Mental Category I-III A	25,927	26,100	25,700
Mental Category IIIB-IV	4,967	4,600	4,500
Total	30,894	30,700	30,200
Non Prior Service Accessions	30,894	30,700	30,200
Prior Service Accessions *	106	300	300
Total Active Duty Accessions	31,000	30,700	30,200

* No set goals for prior service accessions.

**The without high school diploma figures shown represent the maximum AF will accept.

**Enlisted Accessions
US Air Force**

	Prior Service		Non Prior Service		Total	
	<u>Estimate</u>	<u>Actual</u>	<u>Estimate</u>	<u>Actual</u>	<u>Estimate</u>	<u>Actual</u>
FY 1995						
Active *	300	106	30,700	30,894	31,000	31,000
Reserve **	10,048	7,462	1,853	1,016	11,901	8,478
Guard	5,961	5,829	2,502	2,510	8,463	8,339
Total	16,309	13,397	35,055	34,420	51,364	47,817
FY 1996						
Active *	300		30,700		31,000	
Reserve **	8,002		2,793		10,795	
Guard	8,600		2,816		11,416	
Total	16,902		36,309		53,211	
FY 1997						
Active *	300		30,200		30,500	
Reserve **	10,449	N/A	2,793	N/A	13,242	N/A
Guard	5,600		2,636		8,236	
Total	16,349		35,629		51,978	

* The active force does not set prior service goals but allows individuals with prior service in specific skills to enter the AF.

**Number of Enlisted Reenlistments
US Air Force**

	<u>FY 1995 Budgeted</u>	<u>FY 1996 Budgeted</u>	<u>FY 1997 Budgeted</u>
Initial Term	13,494	11,800	12,200
Career	37,171	35,300	34,600
Total	50,665	47,100	46,800
Enlisted First Term Attrition	12,504	11,400	9,000
Enlisted First Term Retention (%)	64	60	60

Section III: Operating TEMPO

Exhibit F, Training Opportunity Indicators, provides the hours per crew per month for major weapon system categories. This information does not include simulator time.

$$\text{Hours per crew per month} = \frac{\text{Total Programmed Flying Hours} - \text{Staff Hours}}{\text{Average Primary Aircraft Inventory} \times \text{Crew Ratio} \times 12}$$

Exhibit G, Strategic Surge Capability, displays the amount of prepositioned stocks afloat and ashore which can be delivered within 30 days.

a. Prepositioned material afloat is carried on three ships, one in the Indian Ocean and two in the Mediterranean Sea, carrying a total of 52,000 short tons of Air Force munitions. The munitions are available to the first engaged CINC, and can be in any given theater in 2-22 days.

b. Prepositioned material ashore includes munitions and Air Force bare base equipment. Munitions are prepositioned in PACAF, CENTAF, and USAFE. In addition, there are 660 Standard Air Munitions Packages (STAMP) available at two CONUS locations. STAMP is designed to enhance a theater's initial capability and can begin arriving in theater within 24 hours after notification.

c. Bare base equipment, better known as Harvest Eagle and Harvest Falcon, is prepositioned in PACAF, USAFE, CENTAF, and CONUS. Harvest Eagle will support a total of 14,000 personnel with basic billeting and sanitation capability. Harvest Falcon will support a total of 55,000 people and over 750 generic aircraft at 15 different locations with heavy infrastructure capabilities.

Training Opportunity Indicators (Quantities)
US Air Force
Flying Hours Per Crew Per Month *

	FY 1995**	FY 1996	FY 1997
	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>
Air Force Active			
Fighters	19.9	20.0	19.3
Bombers	20.7	19.7	19.9
Tankers	16.0	15.4	16.2
Airlift	24.0	24.0	23.8

* Excludes Simulators and considers all combat coded operational aircraft.

** Actuals not currently available

- Minor year-to-year fluctuations are normal and are caused by modification schedules, unit activation/deactivation and changing mission training requirements.

**Strategic Surge Capability
US Air Force**

	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
Prepositioned Material			
Afloat (Munitions only)			
Number of Ships	3	3	3
Short Tons (000) *	52	51	51
Ashore (Munitions)			
Number of Sites	36	37	38
Short Tons (000) *	317	287	276

Ashore (Other - USAF Bare Base Equipment)**

<u>Type</u>	<u>Quantity</u>	<u>Mission Cap Sets</u>	<u>In-Use</u>	<u>In Reconstitution</u>
Harvest Falcon	50 1100-Person Housekeeping Sets	30	9	11
Harvest Falcon	40 Flightline Sets	17	4	19
Harvest Falcon	15 Industrial Sets	7	3	5
Harvest Eagle	12 1100-Person Housekeeping Sets	6.5	4	1.5

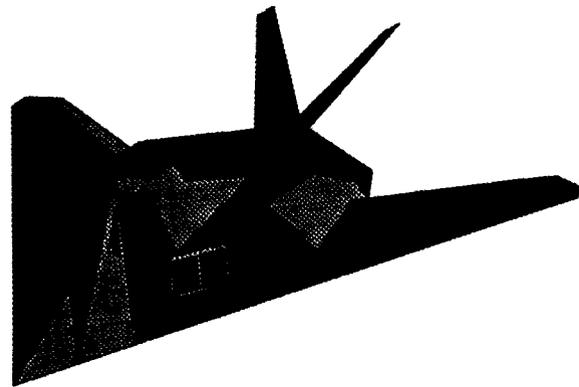
Explanation of changes:

* Reductions in on-hand short-tons reflects reduced requirements and more effective munitions

** There is an increase in Bare Base Mission Capable Sets from previous year; reflects AF initiatives to

Section IV: Force Structure

Exhibit H, Mission Capable Rates, provides mission capable rates for the various weapon system categories. Mission capable indicates the aircraft can perform at least one of its assigned missions.



**Force Structure - Active
Mission Capable Rates
Air Force Active**

	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
Mission Capable (%)			
Fighters	84.7	84.3	89.3
Bombers	75.0	78.9	82.3
Airlift/Tankers	78.8	77.8	79.1