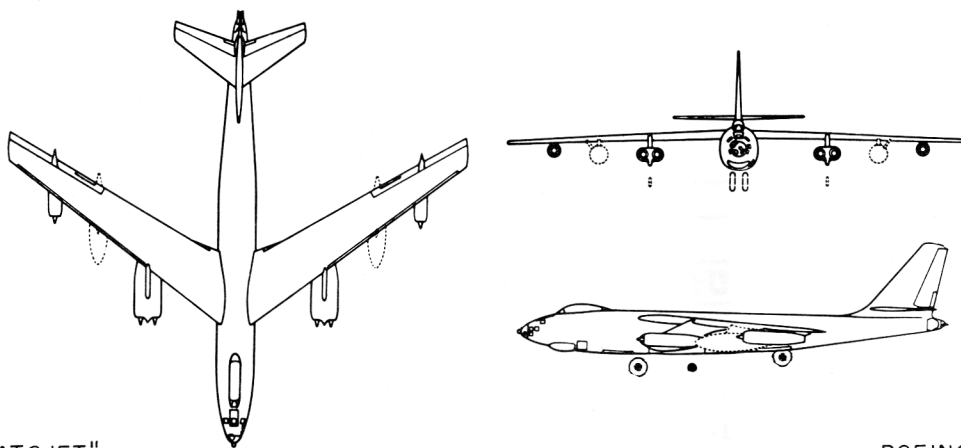


Characteristics Summary

BOMBER B-47 E



"STRATOJET"

BOEING

Wing Area1428 sq ft Length 106.8 ft
 Span 116.0 ft Height 27.9 ft

AVAILABILITY

PROCUREMENT

Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

- Design Initiated: Sep 48
 - First Flight: Feb 51
 - First Acceptance: Mar 51
 - B-47E differs from B-47B by addition of ejection seats and the A-5 fire control system.
 - 400th B-47B and subsequent aircraft to be designated B-47E.
- Navy Equivalent: None Mfr's Model: 450-11-10

POWER PLANT

(6) XJ47-GE-25
ENGINE RATINGS
 S.L.S. Lb - RPM - MIN
 Max (wet) 7000-7950- 5
 6000-7950- 5
 Mil: 5700-7800- 30
 Nor: 5350-7630- Cont

ATO (See Note 2)
 No. & Model *(18)14DS1000
 Thrust (lb) 18,000
 Duration (sec) 14

or
 No. & Model**(18) 15KS1000
 Thrust (lb) 18,000
 Duration (sec) 15

*Manufactured by Allegheny
 **Manufactured by Aerojet

FEATURES

Crew: 3
 Cabin Pressurization
 Thermal Anti-icing
 Bombing-Navigational
 Radar
 Anti-Skid Brakes
 Braking Parachute
 Approach Parachute
 Bailout Spoiler Door
 Ejection Seats
 Internal Fuel Tank Purging
 Provisions for Vertical
 Cameras
 Single-Point Ground and Air
 Refueling Provisions
 Bicycle Landing Gear
 Max Fuel Capacity: 17,307gal

ARMAMENT

Turrets 1
 Guns: 2 x 20mm
 Ammunition (tot) ... 750 rds

SHORT BOMB BAY
 Maximum
 Size (lb) Load (lb)

WAR II
 Box Fin ... 4000 ... 8x1000
 Interim
 Conical Fin 2000 ... 3x2000
 New Series ... 750 .. 4x750

LONG BOMB BAY
 WAR II
 Box Fin ... 4000 ... 9x2000
 Interim
 Conical Fin 2000 ... 6x2000
 New Series ... 750 ... 8x750

Classification cancelled or changed to *Unclassified*

AUTH: *AFSC AFSC Sec. class. Grade 1 Jan 67*
 BY *a. R. Someborn Tape 64 500 D.P. 5200.10*
 Signature and Grade *1-3 Dec 1966*

CLASSIFICATION CANCELLED (OR CHANGED TO *Unclassified*)
 BY AUTHORITY OF *[Signature]* (DATE) *12 Apr 59*
 INDIVIDUAL WRITTEN AUTHORITY
 (NAME & GRADE OF INDIVIDUAL MAKING CHANGE)

3rd Ed addn #1

53 WC-1200

Characteristics Summary Basic Mission B-47E

(SEE NOTES)

P E R F O R M A N C E		
C O M B A T R A D I U S	F E R R Y R A N G E	S P E E D
naut. mi	naut. mi	COMBAT knots at ft alt, max power
with lb payload	with gal fuel	MAX knots at ft alt, max power
at knots avg.	at knots avg.	BASIC knots at ft alt, max power
in hours.	in hours	
	at lb T.O. wt.	
C L I M B	C E I L I N G	T A K E - O F F
fpm	ft	ground run
sea level, take-off weight normal power	100 fpm, take-off weight normal power	ft no assist ft assisted
fpm	ft	over 50 ft height
sea level, combat weight maximum power	500 fpm, combat weight maximum power	ft no assist ft assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
Fuel:	Empty..... lb	knots power-off, landing config- uration, take-off weight
protected gal	Combat... lb	T I M E T O C L I M B
droppable %	Take - off lb	
external %	limited by	

N O T E S

- Performance Basis:
 - Performance data will be supplied when available.
- 664th article and subsequent aircraft to be fitted with 33x1000 lb thrust external ATO units in lieu of 18x1000 internal ATO units. Present plans call for retrofitting back to the 400th article.
- Revision Basis: Initial Issue

Property of the Air Force Museum
Wright-Patterson Air Force Base
GPO 45433