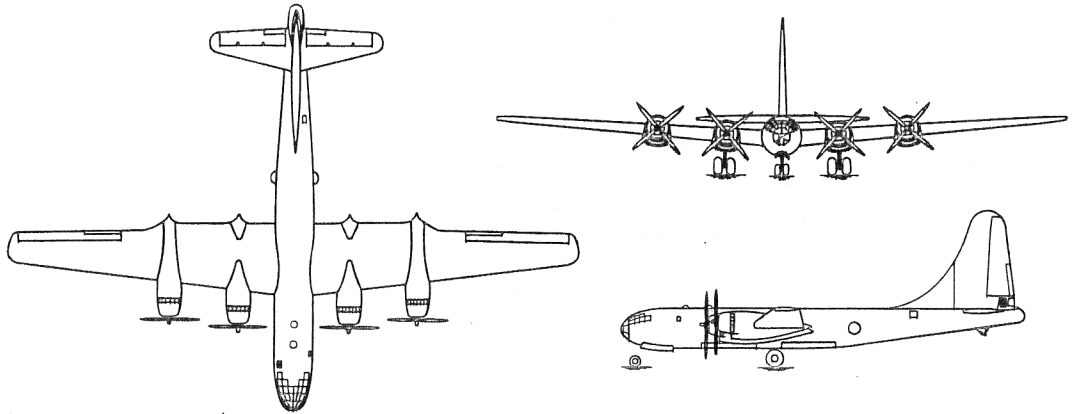


Characteristics Summary

TRAINER TB-50A



"SUPERFORTRESS"

BOEING

Wing Area 1720 sq ft Length 99.0 ft
 Span 141.2 ft Height 32.7 ft

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

STATUS

1. The TB-50A was developed from the B-50A airplane.
 2. Contract Approval: May 51
 3. First Flight: May 52
 4. First Acceptance: Jul 52
 5. Production Completed: Nov 52
- Navy Equivalent: None

Mfr's Model: 345-2-27

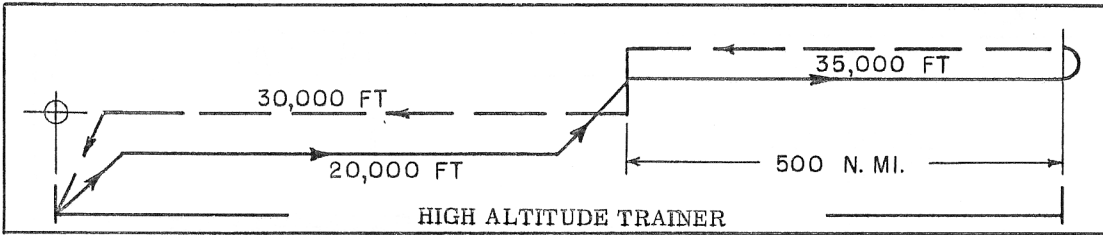
POWER PLANT
(4) R-4360-35 Pratt & Whitney
ENGINE RATINGS
BHP-RPM-ALT-MIN
T.O: *3500-2700- SL -5
3 250-2700- SL -5
Mil: *3500-2700-Turbo-30
3250-2700-Turbo-30
Nor: 2650-2550-Turbo-Cont
*Wet

FEATURES
Crew: 12 includes
Navigator Trainees plus
Instructor 3
Radar & K-3 Trainees plus
Instructor 4
K-3 Bombing-Navigational System
Cabin Pressurization
Thermal Anti-icing
Folding Fin and Rudder
Reversible Pitch Props
Max Fuel Capacity: *7180gal
*Includes Nacelle Skate Tanks

ARMAMENT
Turrets: None
Guns: None
BOMBS
Maximum
Size (lb) Load (lb)
War II
Box Fin . . 1000 . . 20x500

*Deleted: 5/11/58
Add Pr 51 1/2 May 58
This is a duplicate
for this date.*

Characteristics Summary Basic Mission TB-50A



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
1501 naut. mi with 10,000 lb payload at 273 knots avg. in 11.1 hours.	3930 naut. mi with 7180 gal fuel at 214 knots avg. in 18.3 hours at 131,857 lb T.O. wt.	COMBAT 357 knots at 35,000 ft alt, max power MAX 363 knots at 31,000 ft alt, max power BASIC 354 knots at 25,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
1105 fpm sea level, take-off weight normal power	36,050 ft 100 fpm, take-off weight normal power	ground run 3650 ft — ft no assist assisted
2320 fpm sea level, combat weight maximum power	38,650 ft 500 fpm, combat weight maximum power	over 50 ft height 4500 ft — ft no assist 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
Bomb Load: 10,000 lb	Empty..... 80,740 lb Combat... 105,787 lb Take - off 141,857 lb limited by space	96.5 knots power-off, landing config- uration, take-off weight
Fuel: 7180 gal protected 100 % droppable 0 % external 0 %		T I M E T O C L I M B

N O T E S

1. Performance Basis:
 - (a) Data Source: Calculations based on flight test of B-50D aircraft with configuration adjustments.
 - (b) Mission shown is with skate tanks installed.
2. Revision Basis: To reflect performance data