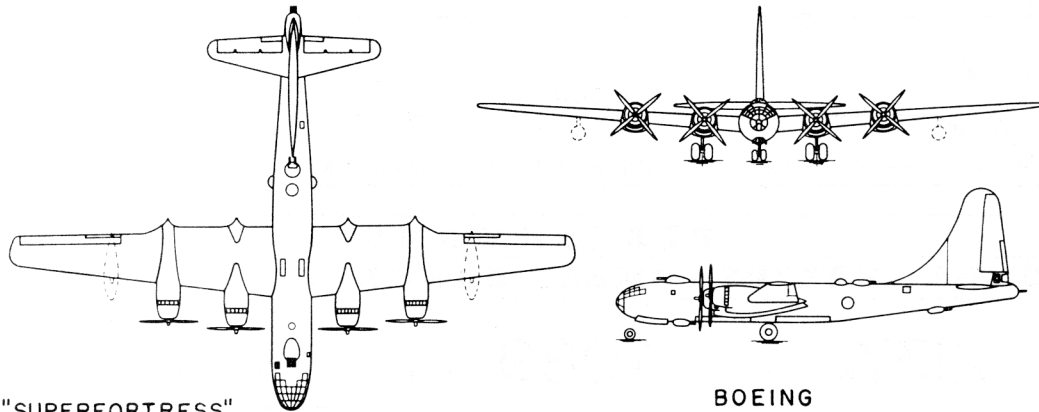


# Characteristics Summary

**BOMBER . . . . . B-50A**

*Review &  
confirm to MIL-C-5011A  
11 Jul 52*



"SUPERFORTRESS"

BOEING

Wing area..... 1720 sq ft      Length..... 99.0 ft  
 Height..... 32.7 ft  
 Span..... 141.2 ft      (fin folded)..... 20.6 ft

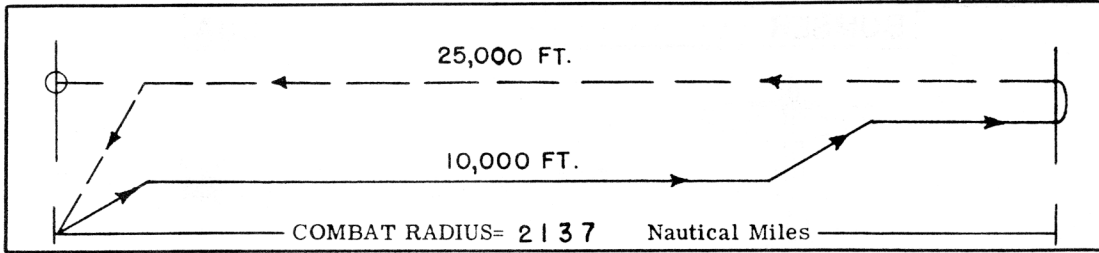
AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

## STATUS

1. First flight: Jun 1947
2. First acceptance: Oct 1947
3. Production completed: Jan 1949

POWER PLANT	FEATURES	ARMAMENT
(4) R-4360-35 Pratt & Whitney  ENGINE RATINGS  T.O:                    BHP - RPM *3500 - 2700 3250 - 2700 Mil:                    *3500 - 2700 Nor:                    2650 - 2550  *Wet	Crew: 11 Cabin Pressurization Thermal Anti-icing Bombing-Navigation Radar Folding Fin and Rudder Reverse Pitch Props Formation Sticks ECM Equipment Max Fuel Cap: 10,772 gal	Turrets: 5 Guns: 13x.50 cal Ammunition (tot.): 6380 rds Max Bomb Load: Internal: 40x500 lb External: 2x4000 lb Max Bomb Size: 4000 lb

*Characteristics Summary Basic Mission..... B-50A*



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>COMBAT SPEED</b>
2137 naut. mi with 10,000 lb payload at 223 knots avg. in 19.42 hours.	4089 naut. mi with 10,000 lb payload at 204 knots avg. in 20.17 hours.	334 knots at 25,000 ft alt, max power
		<b>MAXIMUM SPEED</b>
		339 knots at 30,500 ft alt, max power
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE-OFF</b>
685 fpm sea level, take-off weight normal power	26,550 ft 100 fpm, take-off weight normal power	ground run 4775 ft no assist   — ft assisted
2225 fpm sea level, combat weight maximum power	35,800 ft 500 fpm, combat weight maximum power	over 50 ft height 6650 ft no assist   — ft assisted
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Bombs: 10,000 lb Ammunition: 6380 rds/.50 cal	Empty..... 81,050 lb Combat... 121,700 lb Take - off 168,480 lb limited by space	118 knots flaps down, take-off weight
Fuel: 10,772 gal protected 87 % droppable 13 % external 13 %		<b>TIME TO CLIMB</b> —————

**N O T E S**

1. PERFORMANCE BASIS:  
 (a) Flight test  
 (b) Fuel density: 6.0 lb/gal

2. REVISION BASIS: To reflect flight test data

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 Wright-Patterson Air Force Base  
 Ohio 45433