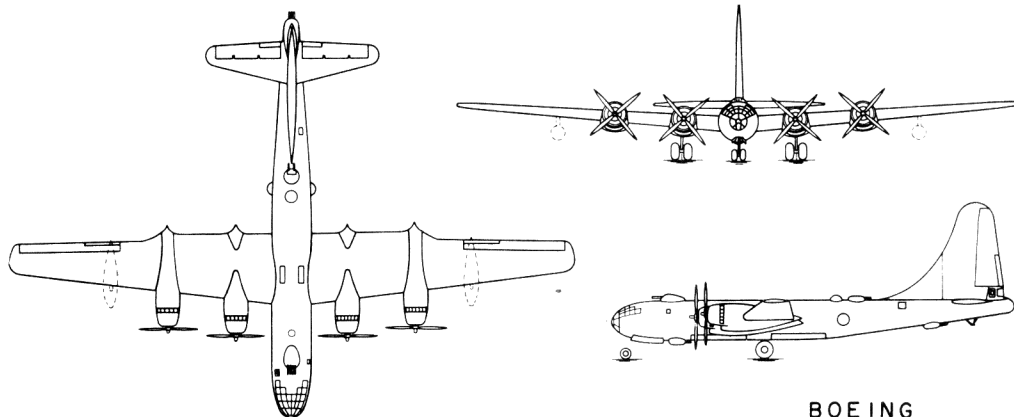


A-1  
B-2 75/2

# Characteristics Summary

BOMBER ..... B-50 B



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. Original order to modify all B-50B's to RB-50B's has been changed. Sixteen (16) B-50B's will be retained.
2. First acceptance: December 1948
3. Production completed: May 1949

### POWER PLANT

(4) R-4360-35 Pratt-Whitney

#### ENGINE RATINGS

BHP - RPM - ALT  
 T.O: \*3500 - 2700 - S.L.  
 Mil: \*3500 - 2700 - 500  
       3250 - 2700 - 500  
 Nor: 2650 - 2550 - 5500

\*Wet

### FEATURES

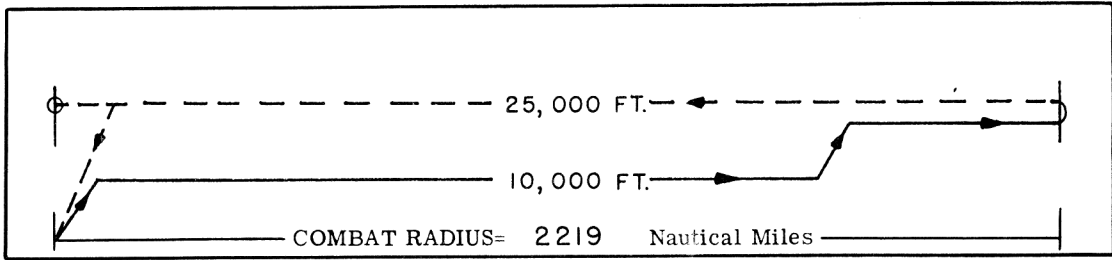
Crew: 11  
 Cabin Pressurization  
 Thermal Anti-icing  
 Bombing - Navigation Radar  
 Folding Fin and Rudder  
 Reverse Pitch Props  
 Max Fuel Capacity: 11,564 gal.

### ARMAMENT

Turrets: 5  
 Guns: 13x.50 cal  
 Ammunition (tot.): 6380 rds  
 Max Bomb Load:  
   Internal: 40x500 lb  
   External: 2x4000 lb  
 Max Bomb Size: 4000 lb

Deleted:  
Not listed, and Ed:  
1 Mar 51

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



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>COMBAT SPEED</b>
2219 naut. mi with 10,000 lb payload at 237 knots avg. in 18.98 hours.	4075 naut. mi with 10,000 lb payload at 218 knots avg. in 18.88 hours.	346 knots at 25,000 ft alt, max power
		<b>MAXIMUM SPEED</b>
		354 knots at 33,000 ft alt, max power
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE-OFF</b>
580 fpm sea level, take-off weight normal power	20,300 ft 100 fpm, take-off weight normal power	ground run 5230 ft   — ft no assist   assisted
1970 fpm sea level, combat weight maximum power	34,100 ft 500 fpm, combat weight maximum power	over 50 ft height 7300 ft   — ft no assist   assisted
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Bombs: 10,000 lb Ammunition: 6380 rds/.50 cal  Fuel: 11,564 gal protected 88% droppable 31% external 12%	Empty..... 78,980 lb Combat... 119,340 lb Take - off 170,757 lb  limited by space	106 knots flaps down, take-off weight
		<b>TIME TO CLIMB</b>
		—

**N O T E S**

1. PERFORMANCE BASIS:  
 (a) Estimated data  
 (b) Fuel density: 6.0 lb/gal  
 (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.

2. REVISION BASIS: Re-issue; see STATUS note 1.

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 Wright-Patterson Air Force Base  
 Ohio 45433*