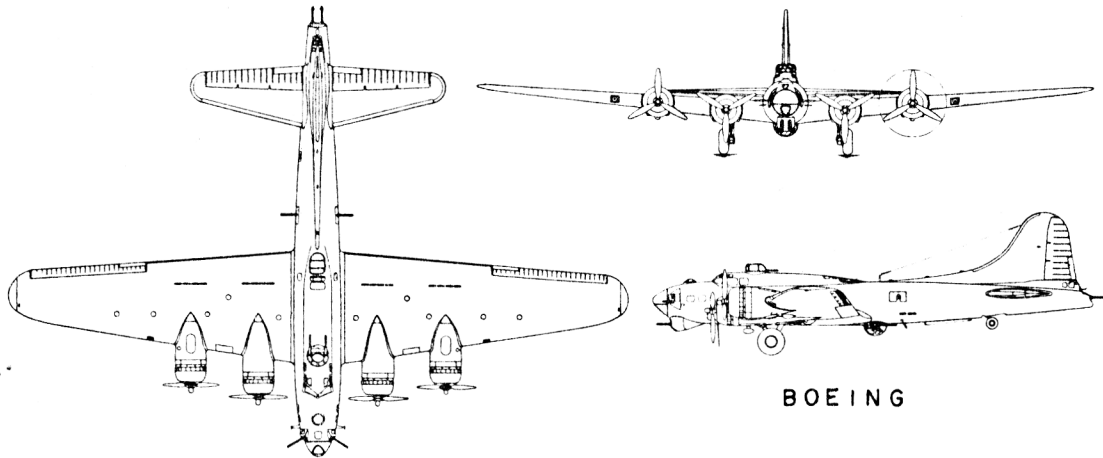


# Characteristics Summary

BOMBER.....B-17G



*Revised to show  
engine ratings and  
changes in status  
and features  
17 May 50*

Wing area ..... 1420 sq ft                      Length ..... 74.8 ft  
Span ..... 103.8 ft                                  Height ..... 19.1 ft

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

STATUS	
	SERVICE
<ol style="list-style-type: none"> <li>1. Design initiated: August 1934 (Model 299)</li> <li>2. First flight: January 1936 (Y1B-17)</li> <li>3. First service use: 1943</li> <li>4. Production completed: July 1945</li> </ol>	

POWER PLANT	
(4) R-1820-97	Wright
BHP - RPM - ALT.	
T.O:	1200 - 2500 - 32,700
Max:	1380 - 2500 - 26,700
Nor:	1000 - 2300 - 35,200

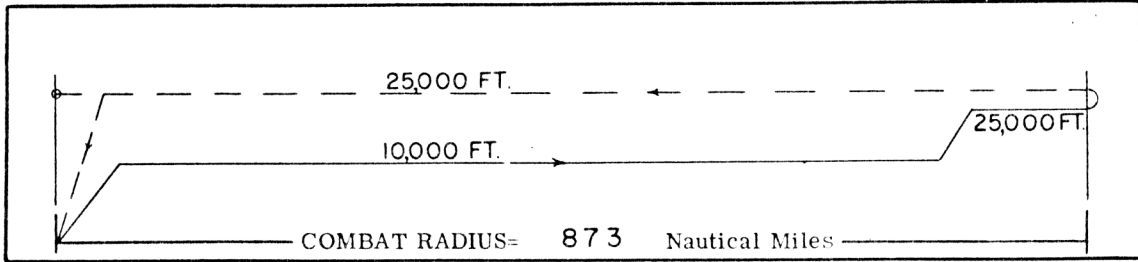
FEATURES	
Crew:	10
Anti-icing	
Max Fuel Capacity: 3600 gal.	

ARMAMENT	
Turrets:	4
Guns:	(12) .50 cal.
Ammunition:	5970 rds
Max. Bomb Load:	(8) 1600 lb
Max. Bomb Size:	2000 lb

27 APRIL 1949

B-17 G

*Characteristics Summary Basic Mission* ..... B-17G



<b>PERFORMANCE</b>		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>COMBAT SPEED</b>
873 naut. mi with 10,000 lb payload at 171 knots avg. in 10.45 hours.	1529 naut. mi with 10,000 lb payload at 156 knots avg. in 9.97 hours.	278 knots at 25,000 ft alt, max power
		<b>MAXIMUM SPEED</b>
		282 knots at 26,700 ft alt, max power
<b>C L I M B</b>	<b>C E I L I N G</b>	<b>T A K E - O F F</b>
630 fpm sea level, take-off weight normal power	28,250 ft 100 fpm, take-off weight normal power	ground run 3780ft no assist   — ft assisted
1870 fpm sea level, combat weight maximum power	33,500 ft 500 fpm, combat weight maximum power	over 50 ft height 4925ft no assist   — ft assisted
<b>L O A D</b>	<b>W E I G H T S</b>	<b>S T A L L I N G S P E E D</b>
Bombs: 10,000 lb Ammunition: 5970 rds/.50 cal	Empty..... 35,972 lb Combat... 48,692 lb Take - off 67,860 lb	89 knots flaps down, take-off weight
Fuel: 2570 gal protected 100 % droppable 0 % external 0 %	limited by structure	<b>TIME TO CLIMB</b>

- N O T E S**
1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;  
(a) Fuel consumption based on flight test increased 5%.
  2. Difference from B-17F: Addition of chin turret.
  3. REVISION BASIS: Change in T.O. weight and bomb load.