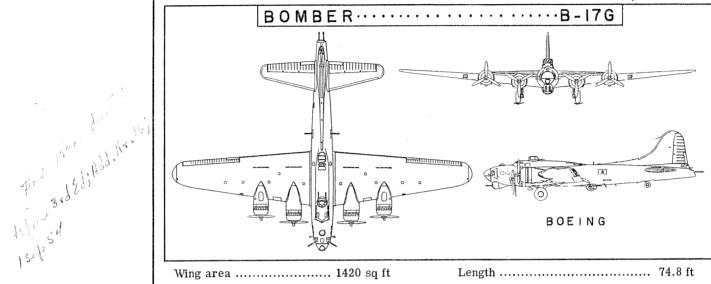
Characteristics Summary



Length 74.8 ft Wing area 1420 sq ft

Span 103.8 ft Height 19.1 ft

AVAILABILITY Number available			PF	ROCU	RE	MEI	T
			Number to be delivered in fiscal years				
ACTIVE	RESERVE	TOTAL					

STATUS

- 1. Differs from the B-17F by the addition of a nose chin turret.
- Design initiated: August 1934 (Model 299)
 First flight: January 1936 (Y1B -17)
- 4. First service use: 1943
- 5. Production completed: July 1945
- 6. Navy designation: PB-1W

POWER PLANT

(4) R-1820-97 Wright ENGINE RATINGS BHP - RPM - ALT

1200 - 2500 -1200 - 2500 -T.O:

Mil:

1000 - 2300 -Nor:

FEATURES

10 Crew: Cabin Heating and Cooling

Propeller Anti-icing

Max Fuel Cap:/ 3600 gal

ARMAMENT

Turrets: 12 x .50 cal Gung

Ammunition(tot): 5970 rds Max Bomb Load: 8 x 1600 lb

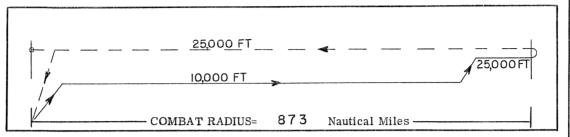
Max Bomb Size: 2000 lb

UNCLASSIFIED

B-17 G

17 MAY 1950

Characteristics Summary Basic Missisu ······B-176



PERFORMANCE									
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED							
873 naut. mi	1529 naut. mi	278 knots at 25,000 ft alt, max power							
with 10,000 lb payload	with 10,000 lb payload	MAXIMUM SPEED							
at 171 knots avg.	at 156 knots avg.	282 knots at							
in 10.45 hours.	in 9.97 hours.	26,700 ft alt, max power							
CLIMB	CEILING	TAKE-OFF							
sea level, take-off weight normal power	28,250 ft 100 fpm, take-off weight normal power	ground run 3780ft ft no assist assisted							
1870 fpm sea level, combat weight maximum power	33,500 ft combat weight maximum power	over 50 ft height 4925 ft ft assisted							
L O A D	WEIGHTS	STALLING SPEED							
Bombs: 10,000 lb Ammunition: 5970 rds/.50 cal	Empty 35,972 lb Combat 48,692 lb	89 knots flaps down, take-off weight							
Fuel: 2570 gal protected 100 % droppable 0 % external 0 %	Take - off 67,860 lb	TIME TO CLIMB							

S N E

1. PERFORMANCE BASIS:

- (a) Flight test(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.
- (d) Performance shown above for max power is based on war emergency power of 1380 BHP @ 2500 RPM @ 26,700 ft.
- 2. REVISION BASIS: To show engine ratings and changes in "Status", "Features" and "Notes" blocks.