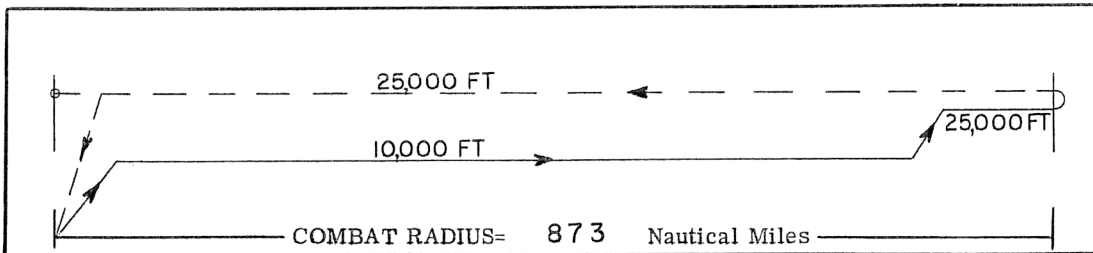


Characteristics Summary Basic Mission.....B-17G



P E R F O R M A N C E		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
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 MAXIMUM SPEED 282 knots at 26,700 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
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
L O A D	W E I G H T S	S T A L L I N G S P E E D
Bombs: 10,000 lb Ammunition: 5970 rds/.50 cal Fuel: 2570 gal protected 100 % droppable 0 % external 0 %	Empty..... 35,972 lb Combat... 48,692 lb Take - off 67,860 lb limited by structure	89 knots flaps down, take-off weight TIME TO CLIMB _____

N O T E S

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.