

**AIRCRAFT:** FORTRESS B. Mk. III

**TYPE:** BOMBER

**ENGINES:** 4 CYCLONE GR.1820-97  
Power (Max.) 1,200 b.h.p. at S.L. to 27,000 ft. (turbo supercharger)

**DIMENSIONS:**

Span 103.8 ft. Wing area 1,420 sq. ft.  
Length 74.7 ft. Height 19.1 ft.

**CREW:** NINE

ARMAMENT  
GUNS

Calibre	No.	Positions	Rds./gun	Remarks
.50 in.	2	Nose, firing forward	300	Flexible
.50 in.	2	Nose chin turret	365	
.50 in.	2	Mid-upper turret	400	Flexible
.50 in.	2	Under turret	500	
.50 in.	2	Tail	565	
.50 in.	2	Side windows	300	
.50 in.	1	Radio compartment	300	

MAXIMUM ALTERNATIVE BOMB LOADS

Fuselage (lb.)	Wings (lb.)	Total (lb.)
8 × 1,600		12,800
8 × 1,000		8,000
12 × 500		6,000

## WEIGHTS

Maximum **64,000** lb.

Light **41,600** lb.

(No fuel, oil, bombs, or ammunition)

Mean **52,500** lb.

Tare **35,800** lb.

## PERFORMANCE

Take-off over 50 ft. (Max. weight) **1,560** yds.

Landing over 50 ft. (Light weight) **1,200** yds.

Service ceiling (Mean weight) **31,500** ft.

(Max. weight) **26,500** ft.

Maximum speed (Mean weight) **245** m.p.h. at **5,000** ft.

**280** m.p.h. at **20,000** ft.

Cruising speed (Mean weight) at **20,000** ft.

Most economical **190** m.p.h.

At max. weak mixture power **230** m.p.h.

Time to **20,000** ft. (Max. weight) **45** min.

## RANGE

(At most economical speed)

	With max. bomb load	Permanent tanks full	Auxiliary tanks full	Remarks
Fuel carried (gall.)	1,050	1,440	2,350	
Fuel allowance (gall.)	250	250	250	
Bombs (lb.)	12,800	10,000	3,500	
Range (miles)	1,140	1,640	2,740	