

AIRCRAFT: FORTRESS IIA

TYPE: BOMBER

ENGINES: 4 CYCLONE GR.2600-65

Power (Max.) 1,200 b.h.p. at S.L. to 25,000 ft. (turbo supercharger)

DIMENSIONS:

Span 103.8 ft. Wing area 1,420 sq. ft.
Length 73.8 ft. Height 19.1 ft.

CREW: EIGHT

**ARMAMENT
GUNS**

Calibre	No.	Positions	Rds./gun	Remarks
.50 in.	1	Nose, firing forward	500	Flexible
.50 in.	2	Mid-upper turret	500	
.50 in.	2	Under turret	500	Not always fitted
.50 in.	2	Tail	200	
.50 in.	2	Side windows	500	

MAXIMUM ALTERNATIVE BOMB LOADS

Fuselage (lb.)	Wings (lb.)	Total (lb.)
6 × 1,600		9,600
10 × 500		5,000
	2 × 2,000	4,000

WEIGHTS

Maximum **58,000** lb.

Mean **48,200** lb.

Light **35,500** lb.

Tare **32,600** lb.

(No fuel, oil, bombs, or ammunition)

PERFORMANCE

Take-off over 50 ft. (Max. weight) **1,100** yds.

Landing over 50 ft. (Light weight) **800** yds.

Service ceiling (Mean weight) **32,000** ft.

(Max. weight) **25,000** ft.

Maximum speed (Mean weight) **233** m.p.h. at **5,000** ft.

295 m.p.h. at **25,000** ft.

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

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

At max. weak mixture power **235** m.p.h.

Time to **20,000** ft. (Max. weight) **40** min.

RANGE

(At most economical speed)

	With max. bomb load	Permanent tanks full	Auxiliary tanks full	Remarks
Fuel carried (gall.)	1,440	1,440	1,770	
Fuel allowance (gall.)	300	300	325	
Bombs (lb.)	9,600	9,600	6,800	
Range (miles)	1,650	1,650	1,900	