

AIRCRAFT: LIBERATOR B. Mk. VI
TYPE: BOMBER
ENGINES: 4 TWIN WASP R.1830-43 or -65
 Power (Max.) 1,200 b.h.p. at S.L. to 25,000 ft. (turbo supercharger)

DIMENSIONS:
 Span 110.0 ft. Wing area 1,048 sq. ft.
 Length 67.2 ft. Height 17.9 ft.

CREW: EIGHT

**ARMAMENT
GUNS**

Calibre	No.	Positions	Rds./gun	Remarks
.50 in.	2	Nose turret	400	
.50 in.	2	Mid-upper turret	400	
.50 in.	2	Under turret	500	
.50 in.	2	Tail turret	400	4 × .303 in. on early aircraft
.50 in.	2	Side windows	250	

MAXIMUM ALTERNATIVE BOMB LOADS

Fuselage (lb.)	Wings (lb.)	Total (lb.)
8 × 1,600		12,800
4 × 2,000		8,000
8 × 1,000		8,000
12 × 500		6,000

WEIGHTS

Maximum **62,000** lb.

Mean **51,500** lb.

Light **39,500** lb.

Tare **37,000** lb.

(No fuel, oil, bombs, or ammunition)

PERFORMANCE

Take-off over 50 ft. (Max. weight) **2,100** yds.

Landing over 50 ft. (Light weight) **1,300** yds.

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

(Max. weight) **27,000** ft.

Maximum speed (Mean weight) **270** m.p.h. at **20,000** ft.

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

Most economical **195** m.p.h.

At max. weak mixture power **215** 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.)	1,140	1,960	2,350	
Fuel allowance (gall.)	300	300	300	
Bombs (lb.)	12,800	7,000	4,000	
Range (miles)	990	1,870	2,290	