

**AIRCRAFT:** LIBERATOR B. Mk. III  
**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.	3	Nose, firing forward	250	
.50 in.	2	Mid-upper turret	400	
.50 in.	1	Under fuselage	250	
.303 in.	4	Tail turret	2,000	
.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) **33,000** ft.

(Max. weight) **28,000** ft.

Maximum speed (Mean weight) **275** m.p.h. at **20,000** ft.

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

Most economical **200** m.p.h.

At max. weak mixture power **225** m.p.h.

Time to **20,000** ft. (Max. weight) **35** min.

## RANGE

(At most economical speed)

	<i>With max. bomb load</i>	<i>Permanent tanks full</i>	<i>Auxiliary tanks full</i>	<i>Remarks</i>
Fuel carried (gall.)	1,310	1,960	2,350	
Fuel allowance (gall.)	275	275	275	
Bombs (lb.)	12,800	8,500	3,500	
Range (miles)	1,290	2,040	2,470	