

AIRCRAFT: SPITFIRE F. Mk. 22

TYPE: FIGHTER

ENGINE: GRIFFON 61

Power (Max.) M: 2,050 b.h.p. at 8,000 ft.
S: 1,780 b.h.p. at 21,000 ft.

DIMENSIONS:

Span 37.1 ft. Wing area 244 sq. ft.
Length 32.7 ft. Height 13.5 ft.

CREW: ONE

**ARMAMENT
GUNS**

Calibre	No.	Positions	Rds./gun	Remarks
20 mm.	4	Wings, firing forward	150 175	Outboard Inboard

MAXIMUM ALTERNATIVE BOMB LOADS

Under fuselage (lb.)	Wings (lb.)	Total (lb.)
1 × 500	2 × 250 (Late aircraft only)	1,000

WEIGHTS

Maximum 9,200 lb.	Mean 8,500 lb.
Light 7,900 lb.	Tare 6,900 lb.

(No fuel, oil, bombs, or ammunition)

PERFORMANCE

Take-off over 50 ft. (Max. weight)	625 yds.
Landing over 50 ft. (Light weight)	830 yds.
Service ceiling (Mean weight)	43,500 ft.
(Max. weight)	43,000 ft.
Maximum speed (Mean weight) M:	420 m.p.h. at 12,000 ft.
S:	454 m.p.h. at 26,000 ft.
Cruising speed (Mean weight) at 20,000 ft.	
Most economical	284 m.p.h.
At max. weak mixture power	385 m.p.h.
Time to 20,000 ft. (Max. weight)	8 min.

RANGE

(At most economical speed)

	With max. bomb load	Permanent tanks full	Auxiliary tanks full	Remarks
Fuel carried (gall.)		120	210	
Fuel allowance (gall.)		27	29	
Bombs (lb.)		—	—	
Range (miles)		490	880	