

**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 <b>9,200 lb.</b>	Mean <b>8,500 lb.</b>
Light <b>7,900 lb.</b>	Tare <b>6,900 lb.</b>

(No fuel, oil, bombs, or ammunition)

## PERFORMANCE

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

## 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	