

DA20-C1 Eclipse

Fact Sheet



DA20-C1 Eclipse

Power Plant	
Engine	TCM IO-240-B3B (125 hp)
Propeller	Sensenich 2-blade Fixed Pitch Propeller

Performance/Consumption		
Take-off Distance (Ground Roll)	390 m	1,280 ft
Take-off Distance (50 ft Obstacle)	500 m	1,640 ft
Landing Distance (Ground Roll)	201 m	661 ft
Landing Distance (50 ft Obstacle)	414 m	1,360 ft
Rate of Climb at Sea Level MTOW	5.08 m/s	1,000 fpm
Max. Demonstrated Operating Altitude	3,998 m	13,120 ft
Cruise Speed @ 75% in 7,500 ft	255 km/h TAS	138 kts TAS
Fuel Consumption	21 lt/h	5.5 US gal/hr
Stall Speed (Full Flaps)	83 km/h	45 kts IAS
Max. Demonstrated Crosswind Component	37 km/h	20 kts
Range (30 min Route Reserve)	1,013 km	547 nm

Dimensions/Weights		
Length	7.16 m	23 ft 6 in
Height	2.18 m	7 ft 2 in
Wing Span	10.87 m	35 ft 8 in
Wing Area	11.61 m ²	125 sq ft
Seats	2	2
Empty Weight	528 kg	1,166 lb
Max. Take-off Weight (MTOW)	800 kg	1,764 lb
Payload	272 kg	598 lb
Fuel Capacity	93 lt	24.5 US gal
Fuel Grades	AVGAS 100 LL	AVGAS 100 LL

Specifications apply to standard equipped aircraft, if not otherwise stated. Specifications may change without notice. Status: February 8, 2007

