

# DA20-C1 Evolution FACT SHEET



## DA20-C1 Evolution

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

Performance/Consumption		
Take-off Distance (Ground Roll)	337 m	1,106 ft
Take-off Distance (50 ft Obstacle)	448 m	1,470 ft
Landing Distance (Ground Roll)	390 m	1,280 ft
Landing Distance (50 ft Obstacle)	454 m	1,490 ft
Rate of Climb at Sea Level MTOW	5.1 m/s	1,000 fpm
Max. Demonstrated Operating Altitude	5,364 m	17,600 ft
Manoeuvring Speed	196 km/h	106 kts
Cruise Speed @ 75% in 7.500 ft	250 km/h TAS	135 kts TAS
Fuel Consumption	21 lt/h	5.5 US gal/hr
Stall Speed (0° Flaps) MTOW	76 km/h	47 kts
Stall Speed (Full Flaps)	70 km/h	38 kts
Max. Demonstrated Crosswind Component	37 km/h	20 kts
Range (45 min, Route Reserve)	759 km	410 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 <sup>2</sup>	125 sq ft
Seats	2	2
Empty Weight	529 kg	1,166 lb
Max. Take-off Weight (MTOW)	750 kg	1,653 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: March 1, 2005

