

Airplane dimensions		
In flight: Wings Extended		
Length	23.00 ft	7.00 m
Wing span	35.80 ft	10.90 m
Height (including propeller)	7.50 ft	2.30 m
Parked: with wings folded		
Length	25.90 ft	7.90 m
Width	12.80 ft	3.90 m
Trailer width	7.70 ft	2.35 m
Height (including propeller)	7.50 ft	2.30 m
Cockpit dimensions		
Length	5.60 ft	1.70 m
Elbow width	4.30 ft	1.30 m
Cockpit will comfortably accommodate pilots who are 4'11" to 6'6" tall (1.50 - 2.00 m)		
Airplane weight		
Maximum take-off weight	1,430 lbs	650 kg
Useful load (depending on options)	550 lbs	250 kg

Performance			
Vmax	135 knots	155 mph	250 km/h
Vmax (S-LSA)	120 knots	138 mph	222 km/h
Vc (cruising speed) (CS-LSA)	124 knots	143 mph	230 km/h
Vc (cruising speed) (S-LSA)	116 knots	133 mph	214 km/h
Vce (economy cruising speed)	103 knots	118 mph	191 km/h
Vs1 (stalling speed with flaps retracted)	45 knots	53 mph	83 km/h
Fuel consumption (Unleaded 91 octane or 100LL)	5.6 L/100 km 3 gal/h	42 MPG 11 L/h	
Take-off and landing distance	650 ft	200 m	
Climb rate	1,400 ft/min	7 m/s	
Maximum load factor	+4G / -2G		
Flying range			
at Vce	670 NM	750 miles	1,250 km
at Vce with optional 29 gal -110L tank	1,080 NM	1,250 miles	2,000 km

Data results from calculation and flight tests and are subject to change.

