

Configuration

Single engine

Low-wing monoplane with semi-monocoque metal construction

Certified to FAR 23, parts 1 to 16

Seats : 2 forward, 2 to 3 aft

Power Plant

Manufacturer :	Lycoming	
Type :	O-360-A 1 AD 4 cylinders	
Power rating :	180 HP at 2,700 tr/mn	
Recommended TBO :	2,000 h	

Propeller

Manufacturer :	Hartzell	
Diameter :	74 in	1,88 m
Type :	Bipale Constant Speed	

Fuel

Fuel type :	100 LL	
Total tank capacity :	55,4 US gal	210 l
Usable fuel capacity :	53,8 US gal	204 l

Oil

Total oil capacity :	8,45 US quarts	8 l
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Weights

Operating empty weight :	1,609 lbs	730 kg
Max. take off weight (MTOW) :	2,535 lbs	1,150 kg
Max. landing weigh :	2,535 lbs	1,150 kg
Max. useful load :	992 lbs	420 kg
Max. luggage weight in storage :	143 lbs	65 kg
Wing loading :	19.8 lb/sq.ft	96.6 kg/m2

Performances

ISA conditions at max. takeoff weight

Rate of climb (sea level) :	787 ft/min	
Climb to 8,500 ft :	16 min	
Max. cruis. speed 6,000 ft at 75% :	127 KTAS	235 km/h
Best eco.cruis.spd 6,000 ft at 65% :	109 KTAS	04 km/h
Demonstrated crosswind :	25 kt	
Certified ceiling :	13,000 ft	

Distances (ISA - 3.086 lbs (1,400 kg))

Take-off :	1,657 ft	505 m
Landing :	1,509 ft	460 m
Maximum range (without limit) :	697 Nm	1,291 km

Dimensions

Wing span :	32.87 ft	10,04 m
Length :	25 ft 5 in	7.75 m
Height :	9.91 ft	3.02 m
Cabin length :	8.30 ft	2,53 m
Cabin width :	4.20 ft	1.28 m
Cabin height :	3.94 ft	1.20 m
Wheel track :	131.81 sq ft	12.25 m2