

specifications

Engine make/model:	Cont. E-185
Horsepower @ RPM @ altitude:	185 @ 2300 @ SL
Horsepower for takeoff:	205
TBO hours:	1500
Fuel type:	80/87
Propeller make/type:	Variable Pitch
Landing gear type:	Tri/Retr.
Max ramp weight (lbs):	2850
Gross weight (lbs):	2850
Max landing weight (lbs):	2850
Empty weight (lbs):	1785
Useful Load (lbs):	1065
Payload (full fuel) (lbs):	705
Usable fuel (gals):	60
Oil capacity (qts):	10
Wingspan:	33 ft. 5 in.
Overall length:	27 ft. 8 in.
Height:	8 ft. 8 in.
Wing area (sq. ft.):	184
Wing loading (lbs/sq. ft.):	15.5
Power loading (lbs/hp):	15.4
Wheel size (in):	6.00 x 6 in.
Seating capacity:	4
Cabin width:	47
Cabin height:	47

performance

Cruise speed (knots):

	Altitude	Economy
70% power:	5000	130
60% power:	5000	120

51% power:	5000	100
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Max range (with reserve) (nm):

70% power:	450
60% power:	500
51% power:	570

Fuel consumption (gph):

70% power:	12.0
60% power:	10.6
51% power:	8.0

Estimated endurance

(65% power w/1 hr reserve) (hrs)	4 hrs. 48 mins.
Stall speed (flaps up) (knots):	54
Stall speed (flaps down) (knots):	47
Best rate of climb (fpm):	830
Service ceiling (ft.)	15,600
Takeoff ground roll (ft.):	561
Landing ground roll (ft.):	354