

Cessna 177B Cardinal

Engine:

Model	Lyc. O-360-A1F6D
No. Cylinders	4
Displacement	361 cu. in.
HP	180
Carbureted Or Fuel Injected	Carbureted
Fixed Pitch/ Constant Speed Propeller	Constant Speed

Fuel:

Fuel Capacity	50 gallons Long Range Tanks: 61 gallons
Min. Octane Fuel	100
Avg. Fuel Burn at 75% power in standard conditions per hour	10 gallons

Weights and Capacities:

Takeoff/Landing Weight Normal Category	2,500 lbs.
Takeoff/Landing Weight Utility Category	2,200 lbs.
Standard Empty Weight	1,533 lbs.
Max. Useful Load Normal Category	967 lbs.
Max. Useful Load Utility Category	667 lbs.
Baggage Capacity	120 lbs.
Oil Capacity	9 quarts

Performance:

Do Not Exceed Speed	161 KCAS
Max. Structural Cruising Speed	134 KCAS
Stall Speed Clean	55 KCAS
Stall Speed Landing Configuration	46 KCAS
Climb Best Rate	840 FPM
Wing Loading	14.4 lbs./sq. ft.
Power Loading	13.9 lbs./hp
Service Ceiling	14,600 ft.