

Cardinal 177

Aircraft Performance Specifications

This information is provided as a guide "at users risk" and **is not intended for flight planning purposes!** Please consult the relevant Pilots Operating Handbook prior to flight.

Check out [this page](#) for an owner's discussion of the '68 year's reputation.

<h1>177 Cardinal</h1>	CESSNA AIRCRAFT CORPORATION
	Serial numbers 17700001 through 17701164

General Information	
Engine Make:	Lycoming 150hp
Engine Model:	O-320-E2D
Propeller Type:	McCaughey Fixed Pitch
Power (HP or Lbs Thrust):	150
Engine TBO:	2000



1968 FG

S P E E D S	MPH	KTS	KPH
Maximum Cruising Speed	144	125	231
Recommended Cruising Speed	134	116	214
Stalling Speed	53	46	85

F U E L C A P A C I T Y	Lbs	US Gals	Litres
Standard Fuel	323	49	185
Long Range Version	0	0	0

W E I G H T S	US Lbs	Kilos
Gross Weight	2350	1065
Empty Weight	1415	641

Max Useful Load			935	424
Max Useful w/Full Fuel			612	277

R A N G E (No Reserve)		SM	NM	KM	Hrs
Max Range - Std Cruise		680	590	1092	5.07

C E I L I N G S		Feet	Meters
Max Service Ceiling		12700	3870
Max Engine Out Ceiling		0	0

C L I M B R A T E S		Feet P/Min	Meters P/Min
Max Climb, Sea Level, Gross Weight		670	204
Max Climb, Engine Out, Sea Level, Gross Weight		0	0

T A K E O F F & L A N D I N G D I S T A N C E S		Feet	Meters
TakeOff Ground Roll, Sea Level, Gross Weight		845	257
TakeOff Over 50ft/15meter Obstacle, Sea Level, Gross Weight		1575	480
Landing Ground Roll, Sea Level, Gross Weight		400	121
Landing Over 50ft/15meter Obstacle, Sea Level, Gross Weight		1135	345

A I R C R A F T D I M E N S I O N S		Feet	Meters
Cabin Width (at shoulder)		4.0 (48 inches)	1.2192
Fuselage Length (approx.)		27	8.23
Fuselage (usually tail section) Height (approx.)		9.1	2.77
Total Wingspan (approx.)		35.7	10.88

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