

Aircraft Sales & Acquisitions



1981 Cessna P210 00691



1981 CESSNA PRESSURIZED P210 CENTURION



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1981 Cessna P210
S/N P210-00691 - N36RW



Airframe: 4095.0
Engine: 180.0 SFRM
Prop: 40.0 SOH

Interior:

New Installation 2004
Custom Embossed Tan Leather Seats ("Centurion H" in White Stitching)
Medium Tan Carpeting
Woodwork Accents on Light Tan Sidewalls Fully-Articulating.

Exterior:

Overall Vestal White
Toffee Brown/Copper/Butterscotch Stripes Original in Very Nice Condition

Avionics/Radios:

S-Tec 55 A/P w/Flight Director
Garmin 530W WAAS
Garmin GMX 200 MFD w/Chart View
Garmin GDL 69A XM/NEX RAD
Garmin GTX 330 XP w/TIS Traffic
WX-10 Stormscope
Bendix/King KX155 NAV/COM w/1209 LOC/GS
PS Engineering PMA8000B Audio Panel with Marker Beacons
Bendix/King KCS55A HSI
Terra TRI-40 Radar Altimeter
Mid-Continent Electric Standby Attitude Indicator
EDM800 Engine Analyzer with Fuel Computer
PS Engineering 6-Place Intercom

Additional Equipment:

Known-Ice Package
Air Conditioning
Factory Corrosion Proofing
Electric Standby Generator
Turbo-Plus Intercooler
Gami injectors
Rosen Sun visors
Factory Oxygen System Flight Hour Recorder
Courtesy Light
Tail Flood Light
Headrests 1/2/3/4 Seats Inflatable Door Seals
Electroluminescent Lighting
Flint Tip Tanks
Inflatable Door Seals

Inspection Status:

Annual Inspection - Current
All Logs Complete Since New.
Always Hangared.

Subject to prior sale, price changes, removal from market and specifications verification

Panel



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Interior-1



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PRESSURIZED CENTURION PERFORMANCE AND SPECIFICATIONS

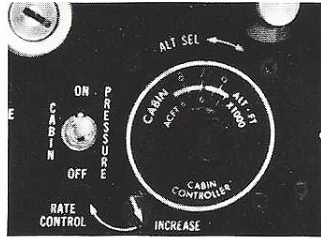
Speed		
Maximum @ 20,000 ft	225 knots	417 k/mh
Cruise, 78% power @ 23,000 ft	213 knots	394 k/mh
Cruise, 79% power @ 10,000 ft	185 knots	343 k/mh
Cruise, Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45 minutes reserve.		
75% power @ 23,000 ft (range)	715 nm	1324 km
522 pounds usable fuel (time)	3.7 hr	3.7 hr
75% power @ 23,000 ft (range)	1035 nm	1917 km
690 pounds usable fuel (time)	5.2 hr	5.2 hr
76% power @ 10,000 ft (range)	665 nm	1232 km
522 pounds usable fuel (time)	3.8 hr	3.8 hr
76% power @ 10,000 ft (range)	935 nm	1732 km
690 pounds usable fuel (time)	5.3 hr	5.3 hr
Max range @ 23,000 ft	865 nm	1602 km
522 pounds usable fuel (time)	5.7 hr	5.7 hr
Max range @ 23,000 ft	1230 nm	2278 km
690 pounds usable fuel (time)	8.1 hr	8.1 hr
Max range @ 10,000 ft	855 nm	1583 km
522 pounds usable fuel (time)	6.2 hr	6.2 hr
Max range @ 10,000 ft	1190 nm	2204 km
690 pounds usable fuel (time)	8.5 hr	8.5 hr
Rate of Climb		
Sea Level	1150 fpm	351 mpm
20,000 ft	810 fpm	247 mpm
Max Operating Altitude	25,000 ft	7620 m
Takeoff Performance		
Ground Roll	1270 ft	387 m
Total Distance over 50 ft obstacle	2110 ft	643 m
Landing Performance		
Ground Roll	825 ft	251 m
Total Distance over 50 ft obstacle	1600 ft	488 m
Stall Speed (CAS)		
Flap up, Power off	65 knots	120 k/mh
Flaps down, Power off	55 knots	102 k/mh
Maximum Weight		
Ramp	4118 lb	1868 kg
Takeoff	4100 lb	1860 kg
Landing	3900 lb	1769 kg
Standard Empty Weight	2471 lb	1121 kg
Maximum Useful Load	1647 lb	747 kg
Baggage Allowance	200 lb	91 kg
Wing Loading	22.1 lb/sq	108 kg/sq m
Power Loading	12.6 lb/hp	5.7 kg/hp
Fuel Capacity		
Standard	90 gal	341 l
Optional	120 gal	454 l
Oil Capacity	11 qt	10.4 l
Powerplant	TCM TSIO-520-CE rated at 325 bhp Continuous @ 2700 rpm	
Propeller	Constant Speed 3-blade 80"	

All Data from Manufactures Information

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Pressurization System

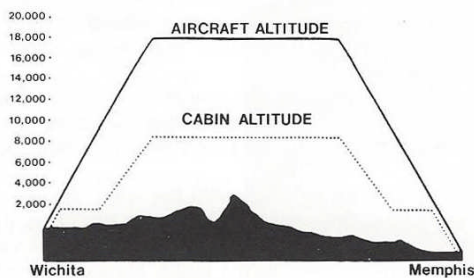
The pressurization system provides up to a 3.35 psi cabin pressurization differential which results in a 12,100 foot cabin altitude at a 23,000 foot airplane altitude (a sea level cabin at 7,000 ft). Operation of the pressurization system in the airplane is relatively simple and straight forward requiring few adjustments. The pressurization controls are on the lower left-hand panel and consist of the "ON-OFF" switch, the altitude selector, and the dump valve control. The pressurization instruments are used to indicate cabin altitude, pressure differential, and the cabin's rate of change.



Aircraft Altitude	Approximate Cabin Altitude @ Max. Diff.*
7,000	Sea Level
8,000	850
9,000	1,700
10,000	2,500
11,000	3,250
12,000	4,000
13,000	4,750
14,000	5,550
15,000	6,300
16,000	7,000
17,000	7,750
18,000	8,475
19,000	9,200
20,000	10,000
23,000	12,127

*Based on Standard Day

To use the pressurization system simply select the desired altitude, turn the system on and make sure the dump control valve is closed. After takeoff, the automatic pressurization controller will maintain the selected altitude until the aircraft climbs to a level at which a 3.35 psi differential is reached. Then, as the aircraft continues to climb, the cabin also climbs, but at a slower rate.



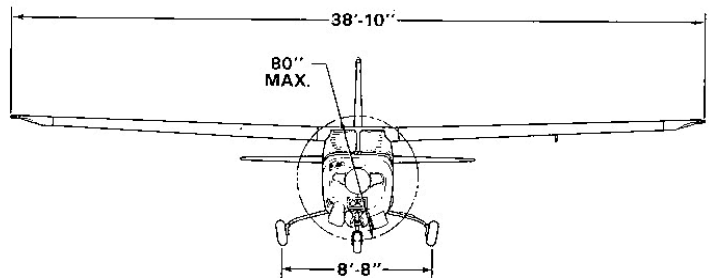
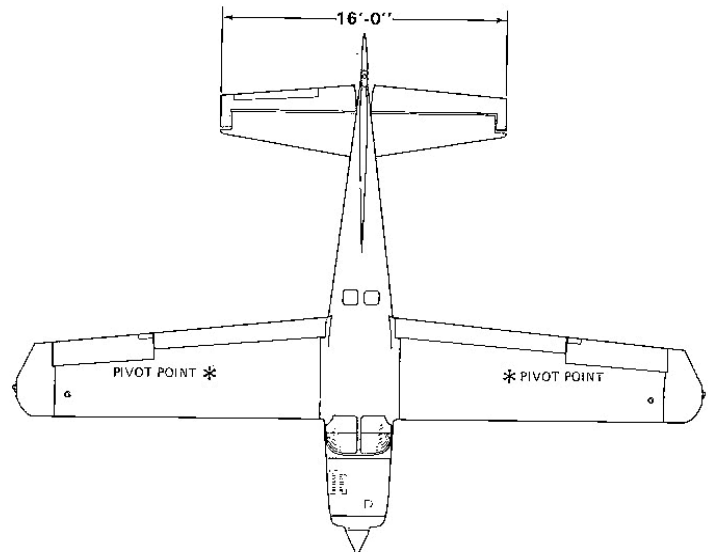
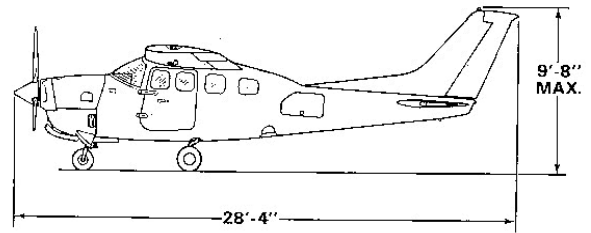
To illustrate how the system works in a practical situation, look at the chart above, which shows a typical flight from Wichita, Kansas to Memphis, Tennessee.

Prior to takeoff at Wichita, adjust the cabin altitude controls to 1800 feet. (Memphis traffic pattern altitude plus 500 feet). Place the pressurization switch to the "on" position. Now take off and climb to altitude.

As the airplane passes through 1800 feet, the pressurization system will stabilize the pressure and maintain that cabin altitude to an aircraft altitude of about 9000 feet (when the 3.35 differential is reached.) Above that point, the aircraft and cabin will climb together. Level off at 18,000 feet for cruise. The cabin is comfortably pressurized at about 8500 feet.

When clearance is granted for a descent at Memphis, all the pilot has to do is descend...there is nothing to change in the pressurization system. As the airplane descends

below 1800 feet, the system automatically depressurizes, because that is the level at which the pilot had set the cabin altitude control prior to takeoff.



NOTES:

- Dimensions shown are based on standard empty weight and proper nose gear and tire inflation.
- Maximum height shown with nose gear depressed as far as possible and flashing beacon installed.
- Wing span shown with Strobe Lights installed.
- Wheel base length is 72".
- Propeller ground clearance is 10 7/8".
- Wing area is 185.5 square feet.
- Minimum turning radius (*pivot point to outboard wing tip) is 28' - 0".

All data from Manufacturer

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