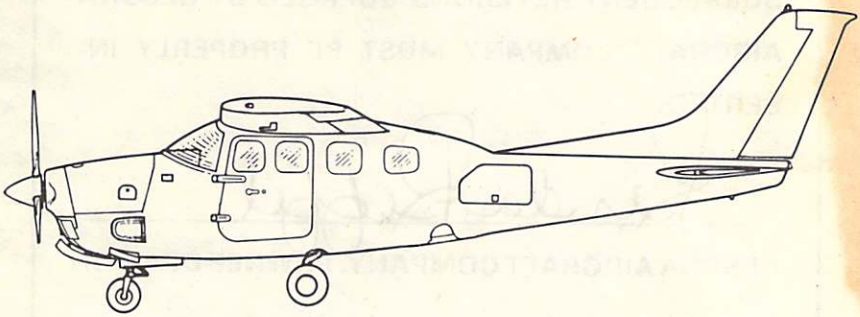
PILOT'S OPERATING HANDBOOK
and
FAA APPROVED AIRPLANE FLIGHT MANUAL



CESSNA AIRCRAFT COMPANY

1982 MODEL P210N

THIS DOCUMENT MUST BE CARRIED IN THE AIRPLANE AT ALL TIMES.

Serial No. P21000772

Registration No. N6413W

THIS HANDBOOK INCLUDES THE MATERIAL REQUIRED TO BE FURNISHED TO THE PILOT BY CAR PART 3 AND FAR PART 23 AND CONSTITUTES THE FAA APPROVED AIRPLANE FLIGHT MANUAL.

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CESSNA AIRCRAFT COMPANY
WICHITA, KANSAS, USA

Member of GAMA

11 September 1981

THIS MANUAL WAS PROVIDED FOR THE AIRPLANE IDENTIFIED ON THE TITLE PAGE ON 11-12-81. SUBSEQUENT REVISIONS SUPPLIED BY CESSNA AIRCRAFT COMPANY MUST BE PROPERLY INSERTED.

Linda Riggel

CESSNA AIRCRAFT COMPANY, PAWNEE DIVISION

PERFORMANCE - SPECIFICATIONS

* SPEED:		
Maximum at 18,000 Ft		201 KNOTS
Cruise, 80% Power at 20,000 Ft		191 KNOTS
Cruise, 80% Power at 10,000 Ft		174 KNOTS
CRUISE: Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45 minutes reserve.		
80% Power at 20,000 Ft	Range	660 NM
522 Pounds Usable Fuel	Time	3.7 HRS
80% Power at 10,000 Ft	Range	630 NM
522 Pounds Usable Fuel	Time	3.8 HRS
Maximum Range at 20,000 Ft	Range	895 NM
522 Pounds Usable Fuel	Time	6.4 HRS
Maximum Range at 10,000 Ft	Range	910 NM
522 Pounds Usable Fuel	Time	7.3 HRS
RATE OF CLIMB AT SEA LEVEL		945 FPM
CERTIFICATED MAXIMUM OPERATING ALTITUDE		23,000 FT
TAKEOFF PERFORMANCE:		
Ground Roll		1300 FT
Total Distance Over 50-Ft Obstacle		2160 FT
LANDING PERFORMANCE:		
Ground Roll		765 FT
Total Distance Over 50-Ft Obstacle		1500 FT
STALL SPEED (KCAS):		
Flaps Up, Power Off		67 KNOTS
Flaps Down, Power Off		58 KNOTS
MAXIMUM WEIGHT:		
Ramp		4016 LBS
Takeoff		4000 LBS
Landing		3800 LBS
STANDARD EMPTY WEIGHT:		
Pressurized Centurion		2426 LBS
Pressurized Centurion II		2481 LBS
MAXIMUM USEFUL LOAD:		
Pressurized Centurion		1590 LBS
Pressurized Centurion II		1535 LBS
BAGGAGE ALLOWANCE		200 LBS
WING LOADING: Pounds/Sq Ft		22.9
POWER LOADING: Pounds/HP		12.9
FUEL CAPACITY: Total		90 GAL.
OIL CAPACITY		11 QTS
ENGINE: Teledyne Continental, Turbocharged Fuel Injection		TSIO-520-AF
310 BHP at 2700 RPM (5-Minute Takeoff Rating)		
285 BHP at 2600 RPM (Maximum Continuous Rating)		
PROPELLER: 3-Bladed Constant Speed, Diameter		80 IN.

* Speeds are based on mid-cruise weight.

The above performance figures are based on the indicated weights, standard atmospheric conditions, level hard-surface dry runways and no wind. They are calculated values derived from flight tests conducted by the Cessna Aircraft Company under carefully documented conditions and will vary with individual airplanes and numerous factors affecting flight performance.

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