

PERFORMANCE - SPECIFICATIONS

*SPEED:

Maximum at 20,000 Feet	176 KNOTS
Cruise, 88% Power at 12,500 Feet	159 KNOTS
Cruise, 75% Power at 20,000 Feet	158 KNOTS
Cruise, 75% Power at 10,000 Feet	145 KNOTS

CRUISE: Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45 minutes reserve.

88% Power at 12,500 Feet	Range - 615 NM
87 Gallons Usable Fuel	Time - 4.0 HOURS
75% Power at 20,000 Feet	Range - 753 NM
87 Gallons Usable Fuel	Time - 4.9 HOURS
75% Power at 10,000 Feet	Range - 721 NM
87 Gallons Usable Fuel	Time - 5.1 HOURS
Max Range at 20,000 Feet	Range - 940 NM
87 Gallons Useable Fuel	Time - 8.6 HOURS
Max Range at 10,000 Feet	Range - 971 NM
87 Gallons Useable Fuel	Time - 8.9 HOURS

RATE-OF-CLIMB AT SEA LEVEL: 1040 FPM

MAXIMUM OPERATING ALTITUDE: 20,000 FEET

TAKEOFF PERFORMANCE:

Ground Roll	775 FEET
Total Distance Over 50 Foot Obstacle	1385 FEET

LANDING PERFORMANCE:

Ground Roll	590 FEET
Total Distance Over 50 Foot Obstacle	1350 FEET

STALL SPEED (KCAS):

Flaps Up, Power Off	54 KCAS
Flaps Down, Power Off	49 KCAS

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PERFORMANCE - SPECIFICATIONS (Continued)

MAXIMUM WEIGHT:

Ramp.....	3112 POUNDS
Takeoff.....	3100 POUNDS
Landing.....	2950 POUNDS

STANDARD EMPTY WEIGHT..... 2029 POUNDS

MAXIMUM USEFUL LOAD..... 1083 POUNDS

BAGGAGE ALLOWANCE..... 200 POUNDS

WING LOADING: Lbs/Sq. Ft. 17.8

POWER LOADING: Lbs/HP 13.2

FUEL CAPACITY..... 92 GAL

OIL CAPACITY 9 QTS

ENGINE: Textron Lycoming..... TIO-540-AK1A
235 BHP at 2400 RPM

PROPELLER: 3-Bladed, Constant Speed, Diameter..... 79 INCHES

NOTE

- * Speed performance and range are shown for an airplane equipped with the standard wheel and brake fairings. These fairings increase the speeds approximately 3 knots over an airplane without the fairings.

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 Cessna Aircraft Company under carefully documented conditions and will vary with individual airplanes and numerous factors affecting flight performance.