

PERFORMANCE - SPECIFICATIONS

SPEED:

Maximum at 19,000 Ft	205 KNOTS
Cruise, 75% Power at 24,000 Ft	202 KNOTS
Cruise, 75% Power at 10,000 Ft	179 KNOTS

CRUISE: Recommended Lean Mixture with fuel allowance for engine start, taxi, takeoff, climb and 45 minutes reserve at 45% power.

75% Power at 20,000 Ft	Range	860 NM
534 Pounds Usable Fuel	Time	4.7 HRS
75% Power at 10,000 Ft	Range	830 NM
534 Pounds Usable Fuel	Time	4.8 HRS
Maximum Range at 20,000 Ft	Range	1005 NM
534 Pounds Usable Fuel	Time	7.0 HRS
Maximum Range at 10,000 Ft	Range	1020 NM
534 Pounds Usable Fuel	Time	7.4 HRS

RATE OF CLIMB AT SEA LEVEL	930 FPM
SERVICE CEILING	28,500 FT

TAKEOFF PERFORMANCE:

Ground Roll	1170 FT
Total Distance Over 50-Ft Obstacle	2030 FT

LANDING PERFORMANCE:

Ground Roll	765 FT
Total Distance Over 50-Ft Obstacle	1500 FT

STALL SPEED (CAS):

Flaps Up, Power Off	65 KNOTS
Flaps Down, Power Off	56 KNOTS

MAXIMUM WEIGHT	3800 LBS
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STANDARD EMPTY WEIGHT:

Turbo Centurion	2293 LBS
Turbo Centurion II	2366 LBS

MAXIMUM USEFUL LOAD:

Turbo Centurion	1507 LBS
Turbo Centurion II	1434 LBS

BAGGAGE ALLOWANCE: Maximum	240 LBS
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WING LOADING: Pounds/Sq Ft	21.7
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POWER LOADING: Pounds/HP	13.3
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FUEL CAPACITY: Total	90 GAL.
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OIL CAPACITY	11 QTS
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ENGINE: Teledyne Continental, Turbocharged Fuel Injection	TSIO-520-H
285 BHP at 2700 RPM	

PROPELLER: 3-Bladed Constant Speed, Diameter	80 IN.
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