

PERFORMANCE - SPECIFICATIONS

*SPEED:

Maximum at Sea Level	130 KNOTS
Cruise, 75% Power at 8000 Ft	107 KNOTS

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

75% Power at 8000 Ft	Range	330 NM
24.5 Gallons Usable Fuel	Time	3.1 HRS
75% Power at 8000 Ft	Range	340 NM
37.5 Gallons Usable Fuel	Time	3.2 HRS
Maximum Range at 10,000 Ft	Range	405 NM
24.5 Gallons Usable Fuel	Time	3.2 HRS
Maximum Range at 10,000 Ft	Range	690 NM
37.5 Gallons Usable Fuel	Time	3.7 HRS

RATE OF CLIMB AT SEA LEVEL

	718 FPM
--	---------

SERVICE CEILING

	14,700 FT
--	-----------

TAKEOFF PERFORMANCE:

Ground Roll	725 FT
Total Distance Over 50-Ft Obstacle	1340 FT

LANDING PERFORMANCE:

Ground Roll	475 FT
Total Distance Over 50-Ft Obstacle	1200 FT

STALL SPEED (CAS):

Flaps Up, Power Off	45 KNOTS
Flaps Down, Power Off	43 KNOTS

MAXIMUM WEIGHT:

Ramp	1675 LBS
Takeoff or Landing	1670 LBS

STANDARD EMPTY WEIGHT:

152	1109 LBS
152 II	1142 LBS

MAXIMUM USEFUL LOAD:

152	566 LBS
152 II	533 LBS

BAGGAGE ALLOWANCE

	135 LBS
--	---------

WING LOADING: Pounds/Sq Ft

	10.5
--	------

POWER LOADING: Pounds/Hp

	15.2
--	------

FUEL CAPACITY: Total

Standard Tanks	25 GAL.
Long Range Tanks	36 GAL.

OIL CAPACITY

	6 QTS
--	-------

ENGINE: Avco Lycoming

110 BHP at 2800 RPM	O-358-L2C
---------------------	-----------

PROPELLER: Fixed Pitch, Diameter

	68 IN.
--	--------

*Speed performance is shown for an airplane equipped with optional speed fairings, which increase the speeds by approximately 2 knots. There is a corresponding difference in range, while all other performance figures are unchanged when speed fairings are installed.