

PERFORMANCE - SPECIFICATIONS

Skywagon 180 *

GROSS WEIGHT	2800 lbs
SPEED:	
Top Speed at Sea Level	170 mph
Cruise, 75% Power at 6500 ft	162 mph
RANGE:	
Cruise, 75% Power at 6500 ft	695 mi
60 Gallons, No Reserve	4.3 hrs
	162 mph
Cruise, 75% Power at 6500 ft	925 mi
79 Gallons, No Reserve	5.7 hrs
	162 mph
Optimum Range at 10,000 ft	925 mi
60 Gallons, No Reserve	7.6 hrs
	121 mph
Optimum Range at 10,000 ft	1215 mi
79 Gallons, No Reserve	10.0 hrs
	121 mph
RATE OF CLIMB AT SEA LEVEL	1090 fpm
SERVICE CEILING	19,600 ft
TAKE-OFF:	
Ground Run	625 ft
Total Distance Over	
50-Foot Obstacle	1205 ft
LANDING:	
Ground Roll	480 ft
Total Distance Over	
50-Foot Obstacle	1365 ft
EMPTY WEIGHT (Approximate)	1545 lbs
BAGGAGE (Cabin Area)	350 lbs
AFT BAGGAGE	50 lbs
WING LOADING: Pounds/Sq Foot	16.1
POWER LOADING: Pounds/HP	12.2
FUEL CAPACITY: Total	
Standard Tanks	65 gal.
Optional Long Range Tanks	84 gal.
OIL CAPACITY: Total	12 qts
PROPELLER: Constant Speed (Diameter)	82 inches
ENGINE:	
Continental Engine	O-470-R
230 rated HP at 2600 RPM	

* This manual covers operation of the Skywagon 180 which is certificated as Model 180H under FAA Type Certificate No. 5A6.