

Professional Pilot Service, Inc.
St. Mary's County Airport Branch
P. O. Box 45 California, Md. 20619
Tel. AC 204 333-2404

CHEROKEE

PA-28-140

Owner's Handbook



Piper Aircraft Corporation, Vero Beach, Florida
U. S. A.

SPECIFICATION FEATURES: (cont)

PERFORMANCE

	GROSS WEIGHTS	1950	2150
Instructional Power Cruising Range (50% power, sea level)	640, 6.5 hrs. (895, 9 hrs.**)	650, 6.5 hrs. (910, 9 hrs.**)	
Stalling Speed (flaps down, mph)	52	54	
Landing Roll (flaps down, ft.)	485	535	

WEIGHTS

Gross Weight (lbs.)	1950	2150
Empty Weight (Standard) (lbs.)	1180	1201
USEFUL LOAD (Standard) (lbs.)	770	949
Empty Weight (AutoFlight) (lbs.)	1220	1241
USEFUL LOAD (AutoFlight) (lbs.)	730	909

POWER PLANT

Engine - Lycoming	O-320-E2A	O-320-E2A
Rated Horsepower and Speed (rpm)	140 at 2450	150 at 2700
Bore (inches)	5.125	5.125
Stroke (inches)	3.875	3.875
Displacement (cubic inches)	319.8	319.8
Compression Ratio	7:1	7:1
Dry Weight (pounds)	272	272
Oil Sump Capacity (qts.)	8	8
Propeller (Sensenich)	M74DM	M74DM

**With 50 gal. Reserve Fuel