

SERVICE

MEMO

Service Memo No. 50

PIPER CLIPPER MODEL PA-16

DIMENSIONS AND WEIGHTS

Gross Weight (lbs.)	1650
Empty Weight (lbs.) (Standard)	850
Wing Span (ft.)	29.3
Wing Area (sq. ft.)	147.5
Wing Chord (in.)	63
Overall Length (ft.)	20.1
Overall Height (ft.)	6.2
Propeller Diameter (in.)	73
Power Loading (lbs./hp)	16.2
Wing Loading (lbs./sq. ft.)	11.2
Baggage Capacity (lbs.)	50
Tire Pressure (lbs./sq. in.)	22

PERFORMANCE

Top Speed (mph)	125
Cruising Speed (mph)	112
Stalling Speed (mph)	50
Take-off Run (ft.)	720
Landing Roll (ft.)	600
Best Rate of Climb Speed (mph)	75
Rate of Climb (ft./min.)	600
Cruising Range (miles)	480
Ceiling (ft.)	13,500
Fuel Consumption (full rich)	7 gph
Fuel Consumption (lean)	6.2 gph