

Piper PA-28 Cherokee 160 Model Guide

The Piper PA-28 Cherokee 160 is a four-seat, single-engine piston airplane built from 1962 to 1971. The flight manual supplied is headed Model PA-28-140 (Lycoming O-320, 150 hp). Confirm every figure below against your own airplane's POH and data plate before relying on it.

KEY TAKEAWAYS

- Four seats, piston single, built 1962-1971. The supplied manual is headed PA-28-140, so check it matches the airplane you are buying.
- Gross weight is 1950 lbs Utility and up to 2150 lbs Normal. Early serials need Piper Kit 756962 plus a Sensenich M74DM58 prop for 2150 lbs.
- Manual fuel flow runs 5.6 gph at 50% power to 8.4 gph at 75% power. Standard fuel is 36 gal.
- Check the flap handle attach bolt AD (FAA AD 96-10-03) and the full AD and service bulletin history.

LIMITS AND LOADING

The manual lists a Lycoming O-320-E2A or O-320-E3D at 2700 rpm and 150 hp, on 80/87 octane fuel. Gross weight is 1950 lbs in Utility category and up to 2150 lbs in Normal category. Serials 28-20001 through 28-20939 need Piper Kit 756962 and a Sensenich M74DM58 propeller to reach 2150 lbs. Baggage is up to 200 lbs. Check the weight and balance section for loading.

PERFORMANCE AND SPEEDS

The manual charts show 36 gal standard fuel and 50 gal with reserve. At 75% power the chart gives 112 hp and 8.4 gph. At 50% power it gives 75 hp and 5.6 gph. Never-exceed speed is 171 mph (148 kt), maneuvering speed is 129 mph, and the flap-down arc tops out at 115 mph. Takeoff charts are valid only to 7000 ft density altitude.

WHAT TO CHECK WHEN BUYING

Ask for AD compliance records. These include the flap handle attach bolt AD (FAA AD 96-10-03, Piper SB 965), which lists PA28-160 serials 28-1 through 28-5859 and 28-7105001 through 28-7505259. Piper states no fatigue-life limits are set for the Cherokee family, so inspection history matters. Look for the optional gap seal STC SA603GL, which lists the PA-28-160 as eligible.

SPECIFICATIONS

Seats	4
Engine Power Hp	150
Max Takeoff Weight Normal Lbs	2150
Max Takeoff Weight Utility Lbs	1950
Baggage Capacity Lbs	200
Fuel Capacity Standard Gal	36
Fuel Capacity With Reserve Gal	50
Propeller Diameter Max Inches	74

PERFORMANCE

Power 75 Percent Hp	112
Fuel Flow 75 Percent Gph	8.4
Power 50 Percent Hp	75
Fuel Flow 50 Percent Gph	5.6

V-SPEEDS

Never Exceed Kts	148
Max Structural Cruise Kts	121
Flaps Extended Max Kts	100
Green Arc Bottom Kts	56
Flaps Down Arc Bottom Kts	48

WEIGHT & BALANCE

Max Gross Weight Utility Lbs	1950
Max Gross Weight Normal Lbs	2150
Max Baggage Lbs	200

SAFETY NOTES

- The flap handle attach bolt can fail and retract the flaps suddenly, risking loss of control. Confirm AD 96-10-03 and SB 965 were done.
- The electric fuel pump must be on for takeoff and landing. The stall warning does not work with the master switch off.
- Normal category prohibits all acrobatic maneuvers, including spins. Utility category approves limited maneuvers only, with a spin entry speed of 129 mph.