

CESSNA FR172J Model Guide

CESSNA FR172J is the Reims-built, high-wing Rocket variant of the Cessna 172 family. It has a fixed tricycle landing gear, a Continental six-cylinder fuel-injected engine and a constant-speed propeller. Serial numbers FR17200351 through FR17200590 cover 1973 to 1976 production.

KEY TAKEAWAYS

- Normal category gross weight is 2550 lb and utility category is 2200 lb. Total fuel capacity is 52 gal.
- Usable fuel is 46 gal through serial FR17200530 and 49 gal from FR17200531. Check which applies to the airframe you are buying.
- Engine mount bracket cracks led to Service Bulletin SEB07-2 Revision 2. Confirm compliance in the logbooks.
- The engine is a Continental six-cylinder, fuel-injected unit with a 76 inch McCauley prop. The manual adds a nozzle cleaning interval.

AIRFRAME AND EQUIPMENT

The service manual describes an all-metal, semimonocoque high-wing airplane with a steerable nose gear on an air/hydraulic strut. Main gear struts are tubular spring-steel from 1971 models. Seating is pilot and copilot seats plus a bench-type center seat. A fold-up auxiliary rear seat was optional, and the baggage area sits aft of the center seats.

MAINTENANCE ITEMS TO VERIFY

SEB07-2 Revision 2 covers cracks found in upper and lower engine truss mounting brackets behind the firewall. For 172 models it calls for inspection at the next scheduled inspection, within 100 hours or 12 months. The inspection repeats every 2,500 hours. Bolts and nuts are replaced and torqued to 160 to 190 inch-pounds. Inspection takes about 7.4 man-hours.

WEIGHT, FUEL AND LOADING

The flight manual loading figures show baggage area 1 at 91 kg and baggage area 2 at 23 kg. They also show a child seat position at 54 kg and a fuel figure of 174 litres. The scanned manual copy is marked as a sample and is partly unreadable. Use the airplane's own approved manual and weighing record.

SPECIFICATIONS

Fuel Capacity Total Gal	52
Usable Fuel Thru FR17200530 Gal	46
Usable Fuel From FR17200531 Gal	49
Propeller Diameter In	76

WEIGHT & BALANCE

Max Gross Weight Normal Lbs	2550
Max Gross Weight Utility Lbs	2200

SAFETY NOTES

- Engine truss mounting brackets have been found cracked. Verify SEB07-2 inspection and bolt replacement are logged, and when the next inspection is due.
- During bracket work the engine must be supported with a hoist. Both lower bolts must be removed and installed together to avoid damaging the truss and stringers.