

BEECHCRAFT D55 BARON Model Guide

BEECHCRAFT D55 BARON is a twin-engine piston aircraft in the Beech 55 Baron series. The Raytheon shop manual applies the D55 designation to serials TE-452 thru TE-767. The supplied documents give no D55-specific weights or speeds. The 55 family reaches up to 1100 nm range, 188 kt cruise and 6 passengers, but those are family maxima, not D55 figures.

KEY TAKEAWAYS

- The shop manual lists the D55 as serials TE-452 thru TE-767; confirm the airplane's serial before ordering parts or manuals.
- Both source manuals are Raytheon Aircraft publications. The shop manual is at revision E23, dated December 31, 2004.
- Family-level registry maxima: up to 1100 nm range, 188 kt cruise, 21000 ft ceiling. Treat these as family context, not D55 specs.
- The manufacturer's parts catalog warns against salvaged parts or parts of unknown service history.

IDENTIFY THE EXACT AIRPLANE

The shop manual splits the Baron by serial: C55 is TC-350 and TE-1 thru TE-451, D55 is TE-452 thru TE-767, and E55 is TE-768 and after. The parts catalog says to quote the model and airplane serial number on every parts order. The serial placard is on the main access door frame.

SYSTEMS AND RECORDS TO REVIEW

The manuals cover landing gear and brakes, fuel selector valve and filter, cabin heater, air conditioning, surface deicer boots, propeller deice (alcohol or electric), oxygen, autopilot and alternators. The shop manual has a section on overhaul and replacement schedules and one on periodic inspections. Compare logbook entries against both.

SAFETY NOTES

- Use only genuine Beechcraft or Beechcraft-approved parts; the parts catalog warns that salvaged or unauthenticated parts may have hidden damage and be unsafe.
- Catalog illustrations only identify parts for ordering. The catalog says not to use them as a maintenance reference for reassembly.