Rockwell Commander 114 A Model Guide

Rockwell Commander 114 A is a single-engine piston aircraft in the Commander 114 family (variants 114, 114A, 114B, 114TC). Family-level registry data shows up to 4 passengers, up to 156 kt cruise, up to 780 nm range and a ceiling up to 17000 ft. These are family maxima, not confirmed 114A figures. The only variant-specific document supplied is an elevator spar inspection form.

KEY TAKEAWAYS

- Family maxima, not 114A-specific: up to 156 kt cruise, 780 nm range, 17000 ft ceiling, 4 passengers.
- The 114A is named on the Type AC11 elevator spar inspection form, which looks for cracks near the outboard elevator hinge fittings.
- Ask for records of SB-114-12B (lower fin rib doubler) and SL-114-17 (upper rudder spar).
- No 114A weights, speeds or limits were supplied, so verify them against the aircraft's own documents.

ELEVATOR AND TRIM TAB PLAY CHECK

With the control lock installed, check the elevator and trim tab trailing edges. Report any play over 1/8" total movement. Also check the elevator hinges, trim tab rod ends, jackscrews and push tube bearings. The outboard elevator hinge fitting bolts are torque checked at 30 inch pounds to see whether they rotate.

SPAR CRACK SEARCH

Look around the outboard elevator hinge fittings for cracks or smoke from cracks in the spar web, then clean and re-inspect. If nothing shows, remove the elevator tip and use a borescope (generally up to 9 mm) to view the aft face of the spar web around the four attachment nuts. If access fails, contact Aerodyme or CPAC.

RECORDS TO ASK FOR

Ask for compliance with SB-114-12B, which added a lower fin rib doubler (horseshoe, half-rib or full-rib). The repair level shows in the extent of the second row of rivets. Ask for SL-114-17 on the upper rudder spar, including whether it ever cracked. Also ask about empennage repairs, engine conversions and propeller type.

SAFETY NOTES

> - Do no cleaning until instructed in the inspection steps, so that signs of cracks are not removed before they are seen.
> - Report any appreciable play in elevator or trim tab hinges and bearings, and any play over 1/8" total at the trailing edges.

AI-aggregated guide for the Rockwell Commander 114 A · sources: Rockwell Commander Type AC11 Elevator Spar Inspection and Report (#101702) · generated 2026-11-26 · Reference only, not for flight. Check the original documents before relying on this guide.