PIPER PA-24-250 Comanche Model Guide

The PIPER PA-24-250 Comanche is a single-engine piston Piper from the PA-24 family, which also includes the PA-24, PA-24-260 and PA-24-400. The registry shows the family seating up to 4 passengers, with up to 185 kt cruise, 960 nm range and a 19500 ft ceiling. Those are family maxima, not PA-24-250 figures. The only source here is Piper's service bulletin index (Nov 27, 2024), so this guide covers what to check.

KEY TAKEAWAYS

- Family-level figures are maxima across variants (up to 185 kt, 960 nm, 4 passengers); they are not PA-24-250 numbers.
- Piper's Nov 27, 2024 index lists many PA-24-250 service bulletins; ask for proof each applicable one was complied with.
- Several bulletins reference Airworthiness Directives, including stabilator, fuel system and spar cap items.
- Check the current FAA AD listing; the index says its AD numbers applied only at publication time.

STABILATOR AND TAIL CHECKS

The index lists several PA-24-250 tail items. SB 464A covers stabilator torque tube bearing block rivets (AD 75-27-08). SB 496 covers the stabilator balance weight tube (AD 76-19-07). SB 1160A (Nov 28, 2022) covers torque tube assembly inspection. SB 1189 covers stabilator horn inspection (AD 2012-17-06). SB 362A covers rudder balance weight. Ask for records of each.

FUEL SYSTEM AND ENGINE ITEMS

For the PA-24-250 the index lists fuel cell drain modification (SB 216), fuel tank caps (SB 231A) and fuel cell cavity modification (SB 211). It also lists vent lines for the fuel-injected engine-driven pump (SB 212), muffler shroud replacement (SB 210) and the fuel warning placard and POH inspection (SB 1266, AD 2015-24-05). SB 1286A covers diaphragm-type fuel pump replacement.

AIRFRAME AND OTHER BULLETINS

Other PA-24-250 entries include the control wheel sprocket mounting hole inspection for aircraft with Autocontrol (SB 172, AD 59-12-09) and spar cap chafing inspection (SB 751, AD 83-19-03). SB 836A covers aluminum wire inspection and replacement, SB 771A parking brake application, and SB 980 shoulder harness installation. Confirm each is complied with or not applicable.

SAFETY NOTES

- Index AD numbers applied only at publication; check the current FAA AD listing for this airframe before purchase.
- Some ADs may have no service bulletin, so a bulletin index alone is not a full list of required actions.
- Bulletin applicability varies by sub-model (PA-24, -250, -260, -400); confirm an item applies to the PA-24-250.

AI-aggregated guide for the PIPER PA-24-250 Comanche · sources: Piper Aircraft, Inc. Service Bulletin and Service Letter Index (#101295) · generated 2026-11-24 · Reference only, not for flight. Check the original documents before relying on this guide.