

PIPER PA-19 Super Cub Model Guide

The PIPER PA-19 Super Cub is a single-engine piston aircraft in Piper's Super Cub line. The registry groups it with the PA-18 family, which seats up to 2. The documents supplied give no PA-19 specification sheet. The one PA-19-specific item is a mandatory Piper wing lift strut bulletin.

KEY TAKEAWAYS

- Piper Service Bulletin 910A covers PA-19 serials 19-1, 19-2 and 19-3, and Piper considers compliance mandatory.
- Wing lift struts need a corrosion inspection and treatment every 12 months. Piper called for replacement with sealed struts within 24 months.
- Ask for logbook proof of Service Bulletin 910A compliance and of the strut inspections.
- No PA-19 weights, speeds or range figures were supplied. Verify them against the aircraft's own manual.

SAFETY NOTES

- Any perceptible dent in a lift strut tube means replace the strut before further flight, per Service Bulletin 910A.
- Visible external strut corrosion (rust pin holes or large rust stains) requires replacement even if the strut passes the dent test.
- Corrosion can lead to lift strut failure and loss of wing structure integrity, so do not accept missing strut records.

WING LIFT STRUT BULLETIN (SB 910A)

Dated October 10, 1989, the bulletin covers PA-18/18A and PA-19 Super Cubs. Piper found the old five-year inspection interval too long to catch strut corrosion. Corrosion can lead to strut failure and loss of wing structure integrity. The bulletin requires a 12-month inspection and treatment cycle, and replacement with sealed struts.

WHAT TO CHECK ON THE STRUTS

The inspection uses a Maule fabric tester on the strut tubes. Any dent in the metal means replacement before further flight. Rust pin holes or large rust stains also mean replacement, even if the strut passes the test. Take extra care under strut-root cuffs. Check the forks, clamps, fairleads and jury struts. Confirm the rigging was rechecked and the logbook entry made.

FAMILY CONTEXT AND OPERATING DATA

Registry data for the PA-18 family (which includes PA-19 variants) shows up to 2 passengers, up to 100 kt cruise, up to 380 nm range, a ceiling up to 19000 ft and MTOW up to 800 kg. These are family maximums, not PA-19 figures. A company checklist for the PA-18A-150 lists Vx 45 mph and Vy 75 mph. It is not a PA-19 document.