

PIPER PIPERSPORT Model Guide

PIPER PIPERSPORT is a single-engine piston aircraft. The only source available is its preflight checklist, so this guide covers what to inspect and which paperwork to expect. The checklist mentions a cargo compartment, a canopy and an LSA Waiver. No performance, weight or speed figures were supplied.

KEY TAKEAWAYS

- The only source is the preflight checklist. It has no performance, speed or weight figures, so confirm those in the Operator's Manual.
- The checklist includes a canopy, a wing locker and a cargo compartment where all items must be tied down.
- The aircraft needs a coolant level check, so the engine is liquid-cooled. The oil check involves hand-turning the propeller.
- Required documents include an LSA Waiver, an FAA-approved Operator's Manual and weight and balance data.

SAFETY NOTES

- Check that the ignition is OFF before turning the propeller by hand to check the oil.
- Check the pitot-static probe, fuel vents, cabin air intakes and engine air intakes for blockage.
- Tie down all items in the cargo compartment, and close and latch the wing locker.

FUEL AND ENGINE CHECKS

Sample the two main tanks first and the fuel strainer last. Sample the strainer twice, once with the selector on Left Tank and once on Right Tank. Check grade and contaminants. Check the oil with the ignition OFF: remove the cap and turn the propeller by hand until you hear the gurgle. Verify the coolant level. Check the overflow tubes and the cowling screws.

AIRFRAME AND CONTROLS

Verify full control stick and rudder travel with correct deflections. Extend the flaps to 30 in increments and verify travel. Check elevator and aileron trim operation. On each wing, check the flaps, ailerons, wingtip, fuel vent, fuel cap, wing locker latch, landing gear and the wing stiffness check. Check the empennage, the fuselage sides and bottom, the antennas and the canopy surface.

DOCUMENTS TO VERIFY

Before purchase, confirm the airworthiness certificate, registration certificate, FAA-approved Operator's Manual, weight and balance data and LSA Waiver. Also confirm that maintenance inspections are complied with. These items appear on the checklist's documents section.