

AEROPRAKT LTD A-32 Model Guide

The AEROPRAKT LTD A-32 is a single-engine piston aircraft built by Aeroprakt in Kyiv. The supplied documents give no performance or weight figures. This guide therefore covers fuel capacity, service bulletins and annual-inspection points to check when buying a used example.

KEY TAKEAWAYS

- Standard tanks hold 90 l (23.8 US gal) in total. Optional tanks hold 114 l (30.1 US gal). These figures come from the Rotax 912 iS bulletin.
- Ask which service bulletins have been done: SB A32-02 (tail), SB A32-11 (912 iS fuel pump), SB A32-12 (braking) and SB A32-20 (ethanol).
- The documents give no speed, range or weight data. Get those from the POH of the specific airplane before buying.

FUEL SYSTEM AND BULLETINS

SB A32-11 applies to listed serials 129 to 183 with the Rotax 912 iS. It moves the fuel pump into the cockpit, because hot climates can cause fuel supply problems. It is obligatory. SB A32-20 warns that fuel with over 5% ethanol shortens the life of composite tanks (A32 up to #335).

STRUCTURE AND LANDING GEAR

SB A32-02 covers A32 serials 017 to 030. It adds doublers to the all-moving horizontal tail and is mandatory. SB A32-12 (A32 up to #206) warns that hard braking on hard runways can cause main gear leg resonance. This can crack the rear web of the gear attachment beam.

ANNUAL INSPECTION POINTERS

The Aeroprakt A22/A32 annual checklist flags the rear engine mounts on the A32 and the lower rear water pump hose clamp, which is hard to reach. The fuel filter sits behind the passenger seat, under luggage-bin covers. Tire pressure is 25 psi on the mains and 20 psi on tundra tires.

SPECIFICATIONS

Fuel Capacity Standard Total Gal	23.8
Fuel Usable Standard Gal	23.3
Fuel Capacity Optional Total Gal	30.1
Fuel Usable Optional Gal	29.6
Fuel Non Usable Gal	0.5

SAFETY NOTES

- Never empty a fuel tank completely in flight. Air in the lines can make engine restart take several dozen seconds (SB A32-11).
- Do not use fuel with more than 5% ethanol in composite tanks (SB A32-20).
- Avoid braking in a way that sets off resonant vibration of the main gear legs (SB A32-12).