PZL-Okecie PZL-104 Wilga 35 Model Guide

The PZL-Okecie PZL-104 Wilga 35 is an all-metal single-engine piston aircraft with fixed landing gear. The flight manual used here covers the Wilga 35A aeroclub version ("dwuster"). It has an AI-14 RA engine rated at up to 191 kW (260 hp) and a US-122000 propeller. The excerpts supplied give no weights or speeds.

KEY TAKEAWAYS

- PZL-Okecie PZL-104 Wilga 35A manual: AI-14 RA engine, up to 260 hp (191 kW), with a US-122000 propeller.
- Fuel: two 95 l wing tanks feed a small collector tank. Oil tank holds 20 l. Avgas of octane 70 to 100 is approved.
- Rear baggage area takes up to 35 kg; a small cabin pocket takes up to 3 kg. Fixed gear, with optional skis.
- The only anti-ice system is an electrically heated pitot tube. Plan around that.

AIRFRAME AND SYSTEMS

Semi-monocoque all-metal fuselage and a metal-skinned single-spar wing with a fixed full-length slot. Flaps set at 0, 21 and 44 degrees, with flaperons. Fixed main gear with oil-gas shock absorbers and disc brakes on a hydraulic system. Fixed or retractable skis can replace the wheels. The engine starts on compressed air from two bottles, with a manual start-valve lever if the electrics fail.

ENGINE AND OPERATING LIMITS

The AI-14 RA gives 191 kW (260 hp) at takeoff power, limited to 5 minutes at 2350 rpm. Oil temperature should be 50 to 55° C; the maximum for long running is 75° C, or 85° C for 15 minutes. Oil pressure is 400 to 600 kPa between 1730 and 2350 rpm. The engine is cooled by air and oil, with cabin-adjustable shutters.

WHAT TO CHECK WHEN BUYING

Confirm the aircraft matches the manual's AI-14 RA engine and US-122000 propeller. The manual has 16 numbered amendments, some valid only from certain serial numbers. It also has supplements for a radio fit and for an extra fuel system. Check the aircraft's own copy is complete and current. Check the weighing record: the last entry in the manual is dated 2003.

SPECIFICATIONS

Engine Power Hp	260

SAFETY NOTES

- Takeoff power is limited to 5 minutes. Keep to the stated oil temperature, oil pressure and cylinder head temperature limits.
- Each fuel gauge can be off by 8 litres, so do not plan fuel reserves to the gauge alone.
- Ice protection is only pitot heating. The manual lists no other anti-icing equipment.

AI-aggregated guide for the PZL-Okecie PZL-104 Wilga 35 · sources: INSTRUKCJA UŻYTKOWANIA W LOCIE SAMOLOTU PZL-104 WILGA 35A (#100381) · Minor Change 10070268 Installation of ADL150(B), ... (#100382) · generated 2026-11-24 · Reference only, not for flight. Check the original documents before relying on this guide.