

Aeropilot Legend 600 Model Guide

The Aeropilot Legend 600 is a two-seat, strut-braced high-wing light-sport aircraft of all-composite construction, built by Aeropilot s.r.o. in Čáslav, Czech Republic. The maintenance manual says it is meant for sport, recreational and touring flying, and that its flight characteristics suit flight training. Power is a Rotax 912 ULS 100 HP. Maximum takeoff weight is 1320 lbs.

KEY TAKEAWAYS

- Two seats, 739 lbs empty weight, 1320 lbs maximum takeoff weight, Rotax 912 ULS, 33 gal (130 L) main fuel tank.
- Stiff Kevlar cabin, four-point harnesses and a factory-installed rocket-assisted parachute rescue system.
- Scheduled inspections: warranty check after 25 hours, then 50-hour, 100-hour/annual, 300-hour and 1000-hour.
- The manual has many 'TBD' gaps and conflicting rescue-system entries, so check the aircraft's own paperwork.

ENGINE AND FUEL

Rotax 912 ULS, 1400 ccm, four-stroke, four-cylinder, with air-cooled cylinders, water-cooled heads and a 2.43:1 reduction gearbox. It is rated 98.99 HP at 5800 rpm for takeoff and 93.81 HP at 5500 rpm continuous. Fuel is MOGAS 91 octane minimum or 100LL AVGAS. Running mainly on AVGAS needs more frequent oil changes. Oil capacity is 3 L. Use 4-stroke motorcycle oil (API SF or SG), never aircraft oil or oil with friction modifiers.

INSPECTIONS AND LIFETIME

The warranty inspection comes after the first 25 operating hours at the manufacturer's service facility. Then: 50-hour (every 50 ±5 h), 100-hour or 12-month annual, 300-hour at the manufacturer's facility, and a 1000-hour assessment. Privately operated aircraft need a yearly annual inspection by a fully licensed FAA Certified Mechanic. Original airframe lifetime is defined as 8000 hours or 5 years from date of manufacture, corrected after service assessment.

WHAT TO CHECK BEFORE BUYING

Ask for the weight and balance record and equipment list, because many serial numbers in the manual are listed as TBD. The rescue system appears as GALAXY 5/560 in the equipment list but GALAXY 6/473SD in the aircraft data, so confirm what is fitted and when it needs repacking. The propeller is a Woodcomp 'Klassic' ground-adjustable type. All tires are inflated to 2.3 bar (33 psi).

SPECIFICATIONS

Wing Span Ft	29.84
Length Ft	23.13
Height Ft	9.59
Empty Weight Lbs	739
Max Takeoff Weight Lbs	1320
Fuel Capacity Gal	33
Takeoff Power Hp	98.99
Continuous Power Hp	93.81

V-SPEEDS

Parachute Max Activation Speed Kt	170
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WEIGHT & BALANCE

Empty Weight Lbs	739
Max Gross Weight Lbs	1320
Forward Cg Limit Pct Mac	21.6
Aft Cg Limit Pct Mac	35.6

SAFETY NOTES

- Contact Aeropilot before any modification, and inform the FAA before significant modification or repair affecting airworthiness.
- Wings, struts, tail surfaces and fuselage are essential design elements. Modifying them without manufacturer permission is prohibited.
- Engine repairs may only be done at the manufacturer's service facility. Leaking or blocked fuel systems must be repaired immediately.