

ATEC 122 Zephyr Model Guide

The ATEC 122 Zephyr is a single-engine piston ultralight from ATEC v.o.s. of the Czech Republic. It has fabric-coated wings and tail, a nose-wheel undercarriage, a canopy and a parachute rescue system listed in its maintenance schedule. The supplied documents give no performance, weight or seat figures, so confirm those with the maker.

KEY TAKEAWAYS

- Wing and tail fabric coating has a 10-year manufacturer lifetime; coating separated in flight on one ATEC 122 Zephyr.
- Over 10 years old: major overhaul is required, then 10 more years of airworthiness (TBO) unless the producer says otherwise.
- Spare parts come direct from ATEC; the catalogue is valid from 1st April 2026, minimum order 50 EUR excluding VAT.
- Some listed Zephyr serial numbers may have an unoriginal airbox; check them against SB01/2016.

COATING AND AIRWORTHINESS

SB02/2016 covers all Zephyr airplanes. Check fabric bonding on wings and horizontal tail. If a thin tool slips easily between coating and wing structure, the aircraft is not airworthy and needs full re-coating. Owners must report coating condition to the producer every 2 years. The bonded torsion-box connection was widened from 35mm to 50mm and is covered with 25mm white tape.

AIRBOX CHECK (SB01/2016)

Mandatory before the next flight for listed serial numbers fitted with an unoriginal airbox. Look for an air filter wired inside the hot air hose from exhaust to airbox. It can detach and cause engine failure. Remove it and record the check in the logbook. ATEC suggests filters directly on the carburettors or an original ATEC airbox.

PARTS AND RUNNING GEAR

Zephyr parts listings show 8" main wheels, brakes and wheel spats with a 4" nose wheel. Some Zephyrs have 6" wheels, so confirm before ordering. The shared catalogue lists Rotax 912 UL (80HP), ULS and iS (100HP) parts. Order by e-mail with your serial number; payment is by bank transfer in advance.

SPECIFICATIONS

Main Wheel Size In	8
Nose Wheel Size In	4

SAFETY NOTES

- Do not fly with lifting coating or a tool that slips between fabric and wing structure; SB02/2016 calls this not airworthy.
- Do not exceed the TBO limit: the producer states operation after TBO expiry cannot be considered safe.
- Check for a hidden air filter inside the hot air hose; do the work with the engine cold and ignition off.