ZLIN Z-526 L Model Guide

The ZLIN Z-526 L is a single-engine piston aircraft from Zlin (Otrokovice). The L is one variant in the Z 526 family. Family registry data shows up to 2 occupants, up to 900 kg MTOW, up to 105 kt cruise, up to 250 nm range and a 17000 ft ceiling. Those are family maxima, not confirmed L figures. The only document supplied is the Z 526 service bulletin list, so this guide is mostly an inspection checklist.

KEY TAKEAWAYS

- Family-level maxima only: up to 2 occupants, 900 kg MTOW, 105 kt cruise, 250 nm range, 17000 ft ceiling. Confirm L figures in the flight manual.
- Two bulletins apply to all Z 526L aircraft: Z 526/32 (spar weld pressure gauge) and Z 526/51 (mandatory Hartzell propeller check).
- Mandatory bulletins on structure, hoses and corrosion also cover the L; ask for proof of compliance for each.
- The bulletin list gives no L performance, weights or V-speeds, so none are stated here.

L-SPECIFIC BULLETINS

Z 526/32 (21 Nov 1972) covers installing pressure gauges to check the spar weld by nitrogen overpressure on all Z 526L. Z 526/51 (6 Sep 1977) is a mandatory check of the Hartzell propeller on all Z 526L. Confirm both were done and logged.

SHARED BULLETINS THAT INCLUDE THE L

Z 526/28 covers undercarriage scissors-lever cracks. Z 526/56 and Z 526/58 are mandatory elevator countershaft checks. Z 526/69a is a mandatory check for corrosion on the main wing spar flange plates. Z 526/37 and Z 526/40 cover wing hinge clearance and rudder cable checks.

LIFE LIMITS AND MAINTENANCE

Z 526/70a (Rev. 1, 2001) is a mandatory revision of maintenance and service life for Z 526 aircraft. Z 526/73a (2001) is mandatory and extends hose service life to 10 years for brake, oil and fuel hoses. Check the hose dates and the overhaul status.

SAFETY NOTES

- Spar and structure: check records for the welded centre-section spar (Z 526/32) and the wing spar corrosion inspection (Z 526/69a).
- Hartzell propeller: confirm the mandatory Z 526/51 inspection and its recurrence are documented.
- Some bulletins are limited by serial number, e.g. Z 526/30 up to S/N 1260. Match the airframe serial against each bulletin.

AI-aggregated guide for the ZLIN Z-526 L · sources: Seznam servisních bulletinů k letounu Z 526 (#100648) · generated 2026-10-21 · Reference only, not for flight. Check the original documents before relying on this guide.