



MANDATORY SERVICE BULLETIN No. Z 242L/70a

SAFETY RELATED


The technical content of this document
is approved on the basis of the
DOA Approval No.: EASA.21J.110.

1. **DATE** May 6, 2024.
2. **SUBJECT:** Vertical pin damage P/N Z 42.2181-00.00
3. **MODEL AFFECTED:** Airplanes Z 242 L operated by Sault College Aviation Technology Inc.:
 - S/N 0681 C-FANU
 - S/N 0682 C-FHTU
 - S/N 0684 C-FCSB
 - S/N 0685 C-FVWT
 - S/N 0742 C-GHXG
 - S/N 0743 C-GSOP
 - S/N 0744 C-GERR
 - S/N 0745 C-GHXF
 - S/N 0746 C-GJORwhich are operated in the UTILITY and NORMAL category with an individually extended technical life of the airframe beyond the approved period of 5500 hours in service, and
 - S/N 0699 C-FZHF
 - S/N 0727 C-GLKU
 - S/N 0739 C-FSCZwhich are operated to the full range of the airworthiness categories within the basic approved technical lifetime of 5500 hours in service.



- 4. REASON:** Repeatedly recorded failures of vertical pins P/N Z42.2181-00.00 for aircraft S/Ns 0746 and 0681 and based on demonstrable misconduct by the operator's maintenance organization in performing the maintenance prescribed by the aircraft TC holder, focusing on the identification, use and correct procedure of replacing vertical and horizontal pins using the prescribed tools and fixtures.
- 5. REQUIRED ACTION:** The Z 242 L aircraft manufacturer and aircraft type certificate holder ZLIN AERO a.s. hereby issues an order for the temporary shutdown operation of the above-mentioned aircraft.
The planes are not airworthy, and the safety of their operation is not ensured.
- 6. TIME OF COMPLIANCE:** Immediately upon receipt of this bulletin.
- 7. PERFORMED BY:** Operator.
- 8. COSTS COVERED BY:** Operator.
- 9. PROCEDURES:** Until the matter is resolved, and an optimal solution proposed to fully restore airworthiness, stop the operation of the above-mentioned airplanes.
Immediately carry out the required actions specified in the Service Letter L148, point 2) dated 4/30/2024.
Insert this Mandatory Service Bulletin in the on-board documentation of the aircraft serial numbers applied.
Record the execution of this service bulletin in the aircraft's operating and maintenance documentation.
- 10. NECESSARY MATERIAL:** None.
- 11. ENCLOSURES:** None.

Prepared by:


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Lubomír Januška

Head of Documentation and Standardization Department



Approved by:

A handwritten signature in blue ink that reads "Kotačka".

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Ing. Martin Kotačka
Head of Airworthiness Office