



SERVICE LETTER No. L 143

DATE: December 7, 2022

TO: Aircraft operator VenX Inc. (*responsible person Mr. Stephen VanDijck*)

MODEL AFFECTED: Z 242 L aircraft, S/N 0828

SUBJECT: Procedure for inspecting, determining the malfunctions and repair instructions of the AMU1 Acceleration Monitoring Unit.

TIME OF COMPLIANCE: Immediately after receipt of this Letter

PROCEDURES: Based on the request of the operator with a non-functioning AMU1 registration accelerometer, the aircraft manufacturer allows the inspection of the device according to the prescribed repair documentation (which is otherwise intended only for the internal needs of ZLIN AIRCRAFT a.s. and centers authorized by it).

Check wiring and electrical installation according to "AMU1.01 Acceleration Monitoring Unit Maintenance and Repair Manual" (Doc. No. Z42.AMU1.071) as amended.

The aircraft manufacturer reserves the right to submit a regular report (at least once a week) on the work carried out with relevant photo documentation (within 24 hours at the latest) and a copy of the logbook after the work has been completed.

Any replacement of the registration accelerometer, if the inspection reveals that the defect on AMU1 is irreparable, will be carried out by the expert staff of the aircraft manufacturer ZLIN AIRCRAFT or a center authorized by them on the basis of a binding order.

After performing the repair of the non-functional accelerometer AMU1, it is necessary to send back a printed copy of the repair



documentation, together with the non-functional components, back to the manufacturer.

In the case of restoring the functionality of the registration accelerometer (the correct operation is given in the Appendix of the Flight Manual No. 20), perform

- appropriate entry in the on-board documentation,
- check data download from AMU 1 registration accelerometer and send it to safelife@zlinaircraft.eu for further assessment.

NOTICE:

Until the registration accelerometer is repaired and restored to full functionality, the Z 242 L aircraft, registration no. 0828 based on Flight Manual Supplement No. 20 (issued on February 20, 2017) unairworthy.

NECESSARY MATERIAL: AMU1.01 Acceleration Monitoring Unit Maintenance and Repair Manual (Doc. No. Z42.AMU1.071) – *1 hard copy*
Printed circuit Drwg. No. L242.8588-02.00B – *1 pc*

ENCLOSURES: Drawing No. L242.8588A

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