



## SERVICE LETTER No. L147

### MAINTENANCE ALERT

**DATE:** March 14, 2024

**SUBJECT:** **IN-SERVICE SAFETY EVENT REPORTING**

**MODEL AFFECTED:** All Z 242 L operated by Sault College of Applied Arts and Technology

S/N 0681, 0682, 0684, 0685, 0699, 0727, 0739, 0742, 0743, 0744, 0745, 0746, 0848, 0849

**COMPLIANCE TIME:** Upon knowledge of an incident or an accident

**PURPOSE:** Some past incidents and accidents have either gone unreported to ZLIN AERO a.s. or were not reported in a timely fashion. To improve ZLIN's service, reliability and continued operational safety, all incidents and accidents must be reported immediately. Attached to this service letter is form F99-055c which must be used for reporting.

**NOTE: The reporting of accidents and incidents is vital to ZLIN's compliance with FAR Section 21.3, "Reporting of failures, malfunctions, and defects."**

#### INSTRUCTIONS:

1. All operators must fill form F99-055c "Card of Aircraft Failure" immediately upon knowledge of an incident or accident.  
The Card of Aircraft Failure can be filled:
  - a. Online at <https://www.zlinaircraft.eu/Service-and-support/Online-forms/Card-of-Aircraft-Failure/>
  - b. Printed and signed form F99-055c attached to this letter. Scan of the filled and signed form must be sent via email on [servis@zlinaero.eu](mailto:servis@zlinaero.eu).



**MATERIAL REQUIRED:** N/A

**ENCLOSURES:** Form F99-055c

**EFFECTIVITY DATE:** This service letter is effective upon receipt.

**Failure to follow the procedures outlined in this letter will result in the operator being held fully responsible for the possible occurrence of incident, accident or crash.**

Elaborated by:

**Lubomír Januška**

Head of Documentation and Normalization Dept.



## CARD OF AIRCRAFT FAILURE

Dear customer,  
we ask you for your assistance at obtaining the valuable information which can contribute to the continuous increasing the reliability of our aircraft. Please send regularly the filled in cards of aircraft failure to the following address: ZLIN AERO a.s., Letiště 1887, 765 02 Otrokovice; e-mail ([servis@zlinaero.eu](mailto:servis@zlinaero.eu)).

A list of defects is the integral part of this card, the user must inform the producer about these defects, according to ICAO Annex 8..

Type:	Serial number:	Registration mark:
1. Date of failure detection: day – month – year		
2. Name of damaged part:		
3. Catalog number of damaged part:		
4. Serial number of damaged part (if marked):		
5. Flying hours of part – number of landing of part:		-
6. Failure description:		
7. Clasification:	1. Accident 2. Incident	3. Ground accident 4. Operational fault
8. Failure detected at:	1. Preflight, afterflight or other stated inspection 2. Taxiing 3. Take - off run or take - off	4. Normal flight 5. Aerobatic flight 6. Touch down or landing run 7. Otherwise
10. Probable cause of failure:	1. Constructional 2. Operating wear 3. Flying staff failure 4. Unsuitable maintenance	5. Service failure 6. Oher 7. Was not found out
14. Airframe flight hours since the last overhaul/revision „C“ – total airframe flight hours:		-
15. Number of aircraft landing since the last overhaul/revision „C“ – total number of landing:		-
17. Approximate aircraft utilization hours.: aerobatics		Normal flights



18.	Notes, supplementary data:		
User:		Home airport:	
Owner:		Date:	Filled in by:
<p><b>These events must be reported to the producer, in according to the regulation ICAO Annex 8:</b></p> <ul style="list-style-type: none"> <li>a) fire caused by defect, fault or incorrect operation,</li> <li>b) defect, faults or an incorrect operation of the engine exhaust system that caused damage of an engine, adjacent aircraft design or its equipment,</li> <li>c) toxic or damaging gas accumulation or circulation in pilot's cockpit or in passenger cabin,</li> <li>d) an incorrect activity, defect or a fault of the propeller control system,</li> <li>e) the defect of the propeller design, the propeller blade or the structural rotor head,</li> <li>f) the leak of the flammable liquid in places where flammable sources are assumable in general,</li> <li>g) the brakes system defect caused by the design defect or the material during the operation,</li> <li>h) the relevant primary fault or the defect of the aircraft support structure, caused by the fatigue, the inadequate strength, corrosion etc.,</li> <li>i) random unusual vibration or fluttering caused by the design defect or the fault, respectively by the malfunction, the defect or the fault of the system,</li> <li>j) the engine design fault and stopping of the engine operation in flight,</li> <li>k) the defect, the fault or the incorrect operation of every design system or the aircraft control system which prevents to control the aircraft in the usual way or worsens its flight characteristics,</li> <li>l) the complete loss of two sources of the electrical or hydraulic energy during on the flight of the aircraft,</li> <li>m) the fault or the incorrect operation of more than one appliance giving the flight position, height or speed during one flight.</li> </ul>			