



2141 ICON Way, Suite 100, Vacaville, CA 95688 - Tel: 707.564.4000 – www.iconaircraft.com

SAFETY DIRECTIVE/ALERT

SD-111324-A

ID NUMBER & REVISION: SD-111324-A
SUBJECT: ELT GPS Connector Wiring (Interim)
RELEASE DATE: 10 December 2024
EFFECTIVE DATE: 10 December 2024
SUPERSEDES NOTICE: N/A
AIRCRAFT AFFECTED: **MAKE & MODEL:** ICON A5
SERIAL NUMBERS: 00201, 00209-00224
REQUIRED ACTION: Disconnect the ELT GPS Connector, then perform an ELT battery self-test prior to each flight.
TIME OF COMPLIANCE: Before next flight (1 ferry flight to service provider permitted)
REVISION HISTORY: A Initial Release

LEVEL OF CERTIFICATION Pilot/Owner A & P
REQUIRED (any level checked LSA Repairman – Inspection Certified Repair Station
can perform task): LSA Repairman – Maintenance Manufacturer

PURPOSE:

ICON has identified that the ELT GPS Connector, D9157P, may have been pinned incorrectly. This can drain the ELT battery, which may prevent the ELT from functioning. This may be recognized by a failed self-test, a red light flashing on the remote panel, and/or audible squelching from the overhead speaker.

While a solution for the wire harness is determined, the immediate risk can be mitigated by disconnecting the faulty connector. The GPS connector is designed to enhance the accuracy of the ELT signal; disconnecting it will not prevent the ELT from functioning. Once it has been disconnected, performing an ELT self-test prior to each flight will determine whether the ELT battery is still sufficiently charged.

ASSEMBLIES AND PARTS:

PART NUMBER	DESCRIPTION	QUANTITY	ALTERNATE	
			PART NUMBER	DESCRIPTION
TY24MX	CABLE WIRE, NYLON 6-6, 30LB, 5.50, TY-RAP	2		
F4TAPEBLACK	TAPE, SELF-FUSING, SILICONE, .02 IN THK, 1 IN WIDE	As Needed		

INSTRUCTIONS:

- If necessary, complete the ELT self-test (reference the Aircraft Maintenance Manual, task 100139) prior to ferrying the aircraft to a service center. If the self-test fails, the aircraft may still be ferried to a service center, but extra caution should be taken as the ELT may not function properly in an emergency.



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2. Access the ELT in accordance with the Aircraft Maintenance Manual, task 100293. If desired, the Instrument Panel Top may also be removed in accordance with task 100514.
3. Disconnect the D9157P connector (ref. Figure 1) and wrap each end with F4 Tape.



Figure 1. ELT GPS Connector D9157P

4. Secure the connectors to adjacent harness as needed using TY24MX zip ties.
5. Reinstall the Instrument Panel Top (Aircraft Maintenance Manual task 100350) and/or the ELT Access Panel.
6. Complete the ELT self-test in accordance with the Aircraft Maintenance Manual, task 100139.
 - a. If the ELT battery is low, replace it in accordance with the Aircraft Maintenance Manual, task 100019.

Make the following logbook entry:

“The corrective action of Safety Directive/Alert SD-111324-A (ELT GPS Connector Wiring (Interim)) has been complied with (ref. FAA Exemption 10829D)”.

For aircraft registered outside the U.S., omit “(ref. FAA Exemption 10829D)”.

PRIOR TO EACH FLIGHT

1. Complete the ELT self-test in accordance with the Aircraft Maintenance Manual, task 100139. Do not fly the aircraft if the battery fails the self-test, except to ferry it to a service provider in accordance with FAR 91.207(e) (or equivalent local regulations for aircraft outside the U.S.)

WARRANTY INFORMATION:

ICON will cover parts and labor (at .5 work hours) under ICON’s warranty program. Please submit an invoice for warranty reimbursement for labor upon completion of this Safety Directive. ICON will cover



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costs as identified, if the service bulletin is adhered to in its entirety, including the prescribed timeline. Please reference Safety Directive number SD-111324-A.

If you have questions, comments, or concerns about this Safety Directive/Alert and/or if you are no longer owner/operator of this aircraft, please forward this information to the present owner/operator and notify ICON Aircraft at:

ICON Aircraft
2141 ICON Way, Suite 100
Vacaville, CA 95688
(707) 564-4000

support@iconaircraft.com

Please include the aircraft registration number, serial number, your name, and if known the contact information of the new owner/operator.

SUPERSEDED BY COMPLETION OF SERVICE