



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-217

Issued: 19 December 2019

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

AIRBUS

Type/Model designation(s):

A330 and A340 aeroplanes

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): EASA.A.004, EASA.A.0015

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishings – Emergency Locator Transmitter – Modification

Manufacturer(s):

Airbus, formerly Airbus Industrie.

Applicability:

Airbus A330-202, A330-203, A330-223, A330-223F, A330-243, A330-243F, A330-302, A330-303, A330-323, A330-343 and A330-941 aeroplanes, all manufacturer serial numbers (MSN) fitted with an Emergency Locator Transmitter (ELT) having a Part Number (P/N) listed in Table 1 of this AD, except those on which Airbus mod 208451 has been embodied in production; and

Airbus A340-313, A340-541 and A340-642 aeroplanes, all MSN fitted with an ELT as affected part having a P/N listed in Table 1 of this AD.

Definitions:

For the purpose of this AD, the following definitions apply:

Affected part: ELT having a P/N listed in Table 1 this AD.

Table 1 – Affected ELT P/N



P/N	ELT Manufacturer Designation(s)
01N65900	ADT 406 AF Classic (ELTA/CEIS)
01N65902	

The applicable SB: Airbus Service Bulletin (SB) A330-25-3733, SB A340-25-4375 and SB A340-25-5239, as applicable.

Reason:

The results of engineering investigations by laboratory testing on ELT batteries highlighted that a lack of protection against current injection of 28 Volts DC or 115 Volts AC on a non-rechargeable ELT Lithium battery could, even after significant delay, induce a battery fire.

This condition, if not corrected, could lead to an uncontrollable fire, possibly resulting in damage to the aeroplane and injury to occupants.

To address this potential unsafe condition, Airbus issued the applicable SB to provide modification instructions to improve the ELT battery current injection protection.

For the reasons described above, this AD requires a modification by installing a diode between the affected part and the terminal block.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Modification:

- (1) Within 24 months after the effective date of this AD, install a diode between the affected part and the terminal block in accordance with the instructions of the applicable SB.

Ref. Publications:

Airbus SB A330-25-3733 original issue dated 30 September 2019.

Airbus SB A340-25-4375 original issue dated 30 September 2019.

Airbus SB A340-25-5239 original issue dated 30 September 2019.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 16 January 2020.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred



on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).

4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – EIAL (Airworthiness Office), E-mail: airworthiness.A330-A340@airbus.com.

