



Airworthiness Directive

AD No.: 2025-0034

Issued: 12 February 2025

Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I Part M.A.301, or Annex Vb Part M.L.A.301, as applicable, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I Part M.A.303, or Annex Vb Part M.L.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS S.A.S.

Type/Model designation(s):

A330-841 and A330-941 aeroplanes

Effective Date: 26 February 2025

TCDS Number(s): EASA.A.004

Foreign AD: Not applicable

Supersedure: None

ATA 26 – Fire Protection – Engine Fire Extinguisher Bottles – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A330-841 and A330-941 aeroplanes, all manufacturer serial numbers (MSN).

Definitions:

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

The SB: Airbus Service Bulletin (SB) A330-26-3076.

Affected part: Fire extinguisher bottle having Part Number (P/N) 34500063-11.

Serviceable part: Fire extinguisher bottle having P/N 34500074-11.

Groups: Group 1 aeroplanes are those that have an affected part installed. Group 2 aeroplanes are those that do not have an affected part installed.

The SB provides a list of aeroplanes (MSN) which have been delivered with an affected part installed. An aeroplane having an MSN not listed in the SB, and on which no fire extinguisher bottle has been replaced in service, is a Group 2 aeroplane.



Reason:

Occurrences have been reported of cracks on the discharge outlet of affected parts. Subsequent investigations determined that the heat treatment applied in production makes those parts susceptible to stress corrosion cracking.

While the investigations determined that the performances of the engine fire extinguishing system are not significantly affected, the rate of findings is such to qualify this condition as potentially unsafe.

To address this potential unsafe condition, Airbus issued this SB, providing instructions for replacement of affected parts.

For the reasons described above, this AD requires replacement of affected parts with serviceable parts, and prohibits (re)installation of affected parts.

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

Required as indicated by this AD, unless the actions required by this AD have been already accomplished:

Modification:

- (1) For Group 1 aeroplanes: Within 30 months after the effective date of this AD, replace each affected part with a serviceable part in accordance with the instructions of the SB (see Note 1 of this AD).

Note 1: The SB provides instructions to modify and reidentify an affected part into a serviceable part, by reference to Meggitt Safety Systems INC SB 52002066-26-01. Such modification and reidentification is acceptable for compliance with the requirements of paragraph (1) of this AD.

Part(s) Installation:

- (2) Do not (re)install an affected part on any aeroplane, as required by paragraph (2.1) or (2.2) of this AD, as applicable:

(2.1) For Group 1 aeroplanes: After modification of the aeroplane as required by paragraph (1) of this AD.

(2.2) For Group 2 aeroplanes: from the effective date of this AD.

Ref. Publications:

Airbus SB A330-26-3076 original issue dated 15 November 2024.

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



Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 05 December 2024 as PAD 24-145 for consultation until 03 January 2024. The Comment Response Document can be found in the [EASA Safety Publications Tool](#), in the compressed ('zipped') file, attached to the record for this AD.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – 1IAL (Airworthiness Office), E-mail: airworthiness.A330-A340@airbus.com.

