Airworthiness Directive

AD No.: 2025-0251

Issued: 24 November 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 ML.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 ML.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:
ELBE FLUGZEUGWERKE GmbH

Type/Model designation(s):
Passenger to Freighter conversion

Effective Date: 08 December 2025

STC Number: EASA Supplemental Type Certificate (STC) STC 10063798

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Structure – Structural Parts – Replacement / Inspection

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Manufacturer(s):
Airbus

Applicability:
Airbus A330-343 manufacturer serial number 791, modified in accordance with EASA STC 10063798 (passenger to freighter conversion) up to revision 36.

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

The SB-0088: ELBE FLUGZEUGWERKE GmbH (EFW) Service Bulletin (SB) EFW-SB-53-0088 revision 5.

The SB-0142: EFW SB EFW-SB-53-0142 revision 2.

Group 1 parts: Structural parts as identified in Paragraph 2. C. of the SB-0088.

Group 2 parts: Structural parts as identified in Paragraph 2. C. of the SB-0142.

Reason:
It has been determined that the Group 1 and Group 2 parts may have been delivered with wrong heat treatment.

This condition, if not corrected, could affect the structural integrity of the aeroplane.

To address this potential unsafe condition, EFW issued the SB-0088 and the SB-0142, providing applicable instructions.

For the reason described above, this AD requires to replace Group 1 parts and to inspect and, depending on findings, replace, Group 2 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:

Part(s) Replacement:

(1) Within 2 500 flight cycles after the embodiment of EASA STC 10063798, or within 8 months after the effective date of this AD, whichever occurs first, replace each Group 1 part in accordance with the instructions of the SB-0088.
Where the SB-0088 provides instructions to “contact STC holder”, this AD requires to contact EFW for applicable instructions and, within the compliance time specified in those instructions, accomplish those instructions accordingly.

Inspection(s):

(2) Within 2 500 flight cycles after the embodiment of EASA STC 10063798, or within 8 months after the effective date of this AD, whichever occurs first, accomplish an Eddy Current inspection of each Group 2 part in accordance with the instructions of the SB-0142.

Corrective Action(s):

(3) If, during the inspections as required by paragraph (2) of this AD, any discrepancy, as identified in the SB-0142, is detected on a Group 2 part, before next flight, replace that part in accordance with the instructions of the SB-0142.
Where the SB-0142 provides instructions to “contact STC holder”, this AD requires to contact EFW for applicable instructions and, within the compliance time specified in those instructions, accomplish those instructions accordingly.

Credit:

(4) Inspections accomplished on a Group 2 part of an aeroplane before the effective date of this AD in accordance with the instructions of EFW SB EFW-SB-53-0142 original issue or Revision 01 are acceptable to comply with the requirements of paragraph (2) of this AD, as applicable, for that part of that aeroplane.

Ref. Publications:

EFW SB EFW-SB-53-0088 revision 5 dated 30 October 2025.

EFW SB EFW-SB-53-0142 original issue dated 11 March 2025, revision 1 dated 02 June 2025, and revision 2 dated 07 October 2025.

The use of later approved revisions of the above-mentioned documents 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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. All interested persons may send their comments, referencing the AD Number, to the E-mail address specified in below Remark 3, prior to 22 December 2025. Only if any comment is received during the consultation period, a Comment Response Document will be published in the EASA Safety Publications Tool, in a 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 EFW Office of Airworthiness, airworthiness@efw.aero.