



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 22-089

Issued: 13 July 2022

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 S.A.S.

Type/Model designation(s):

A330 and A340 aeroplanes

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

TCDS Numbers: EASA.A.004

Foreign AD: Not applicable

Supersedure: None

ATA 49 – Airborne Auxiliary Power – Auxiliary Power Unit Tee Duct – Replacement

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A330-202, A330-203, A330-223, A330-223F, A330-243, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, all manufacturer serial numbers (MSN);

Airbus A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313 aeroplanes, all MSN.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A330-49-3033 and SB A340-49-4037, as applicable.

Affected part: Auxiliary Power Unit (APU) Tee Duct having Part Number (P/N) 3884654-4 or P/N 3884654-5.



Serviceable part: APU Tee Duct having P/N 3884654-6.

Groups:

Group 1 are aeroplanes having an affected part installed.

Group 2 are aeroplanes not having an affected part installed.

Note : An aeroplane having Airbus modification 201177 embodied in production is a Group 2, provided no affected part has been installed on that aeroplane since the date of manufacture.

Aeroplane date of manufacture: The date of transfer of title (ownership) at the time of first delivery to an operator, which is referenced in Airbus documentation.

Reason:

Occurrences have been reported on A330 aeroplanes, where damage has been found in the APU compartment area, to the firewall and fuselage skin. Subsequent investigation determined that cracks in the Tee Duct had led to hot air leak.

This condition, if not corrected, could lead to damage to the APU compartment firewall, possibly jeopardising its capability to contain a fire.

To address this potential unsafe condition, Airbus issued the SB, which includes reference to the instructions of Honeywell SB GTCP331-49-8025, providing instructions to replace the affected part with a serviceable part, as defined in this AD.

For the reason 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, unless accomplished previously:

Modification:

- (1) For Group 1 aeroplanes: Within 36 months after the effective date of this AD, replace the affected part with a serviceable part in accordance with the instructions of the SB.

Part Installation:

- (2) Do not 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 A330-49-3033 original issue dated 22 February 2011.

Airbus SB A340-49-4037 original issue dated 22 February 2011.



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 10 August 2022.
2. Enquiries regarding this PAD should be referred to the EASA Safety 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this PAD 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.
4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – 1IAL (Airworthiness Office), E-mail: airworthiness.A330-A340@airbus.com.

