



Airworthiness Directive

AD No.: 2023-0057

Issued: 16 March 2023

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:

AIRBUS S.A.S.

Type/Model designation(s):

A330 and A340 aeroplanes

Effective Date: 30 March 2023

TCDS Numbers: EASA.A.004, EASA.A.015

Foreign AD: Not applicable

Supersedure: None

ATA 49 – Airborne Auxiliary Power – Auxiliary Power Unit Fuel Control Unit – Replacement

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A330-201, 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, A330-343, A330-841, A330-941 and A330-743L aeroplanes, all manufacturer serial numbers (MSN); and

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: Honeywell Service Bulletin (SB) GTCP331-49-7954.

Affected part: Auxiliary Power Unit (APU) fuel control units, having Part Number (P/N) 3883240-3, P/N 3883240-5 or P/N 3883240-6 and a serial number as listed in the SB; or APU fuel control units, having P/N 3883240-3, P/N 3883240-5 or P/N 3883240-6, equipped with an housing assembly



which received an epoxy-type repair, as identified by code P30148, P30149, P30150, or P31178 marked on the nameplate.

Serviceable part: Any APU fuel control unit, eligible for installation, which is not an affected part. An APU fuel control unit which is re-identified with the SB number (331-49-7954) on its identification plate is a serviceable part.

Affected APU: Honeywell GTCP331-350[C] APUs that have an affected part installed.

Serviceable APU: Any Honeywell GTCP331-350[C] APU which is not an affected APU. The SB provides instructions to modify an affected APU into a serviceable APU.

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.

Reason:

An occurrence has been reported where cracks were found in the fuel control unit housing assembly of a Honeywell GTCP331-350 APU, which caused fuel leakage in the APU compartment.

This condition, if not corrected, could lead to an uncommanded APU in-flight shutdown, or fire in the APU compartment, possibly resulting in damage to the aeroplane.

To address this potential unsafe condition, Honeywell issued the SB, as defined in this AD, providing a list of known affected parts, and instructions for in-shop modification.

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

After the publication of the Proposal to issue this AD, it has been determined that additional A330 models, not included in the applicability of the PAD, are affected. Additional consultation has not been considered in the interest of affected operators.

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. This can be accomplished in accordance with the instruction of the applicable Airbus aircraft maintenance manual (AMM).
- (2) Replacement of an affected APU with a serviceable APU on an aeroplane is an acceptable method to comply with the requirements of paragraph (1) of this AD for that aeroplane. This can be accomplished in accordance with the instruction of the applicable Airbus AMM.



Part Installation:

(3) Do not install an affected part or an affected APU on any aeroplane, as required by paragraph (3.1) or (3.2) of this AD, as applicable:

(3.1) For Group 1 aeroplanes: After modification of the aeroplane as required by paragraph (1) of this AD, or as specified in paragraph (2) of this AD.

(3.2) For Group 2 aeroplanes: From the effective date of this AD.

Ref. Publications:

Honeywell SB GTCP331-49-7954 original issue dated 19 December 2007.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 23 January 2023 as PAD 23-009 for consultation until 20 February 2023. 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.

