



Airworthiness Directive

AD No.: 2019-0183

Issued: 26 July 2019

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, 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 agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name::

AIRBUS

Type/Model designation(s):

A350 aeroplanes

Effective Date: 09 August 2019

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: None

ATA 92 – Electric and Electronic Common Installation – Cargo Lining Gutter Assemblies – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 aeroplanes, all manufacturer serial numbers, except those on which Airbus modification (mod) 111827 has been embodied in production.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A350-92-P014.

Airbus date of manufacture: The date of transfer of title (ownership) of the aeroplane upon delivery by Airbus to the first operator.

Reason:

The function of the cargo lining gutter assembly is to collect floor umbrella drainage, condensation water from ceiling panels, system port drainage, potable water shroud drainage and supplemental cooling system shroud drainage. As a result of investigations and analysis by Airbus, it was identified that this assembly would not be able to correctly drain a certain quantity of water in case of potable



water distribution pipe leakage, or rupture of the pipe close to the electronics bay entrance. This could lead to overflow and create the risk of water spillage during flight.

This condition, if not corrected, could lead to fluid contamination of certain electrical equipment and connectors, possibly resulting in the loss of several flight control functions, with consequent reduced control of the aeroplane.

To address this potential unsafe condition, affecting components located on the rear side of the surrounding avionics racks 1100 View Unit (VU) and 1200 VU, related to the functioning of all PRIM, SEC1 and SEC2, 4 pairs of spoilers and left elevator, Airbus issued the SB to introduce a new drain gutter design with improved outlets on both sides for a better water drainage.

For the reasons described above, this AD requires modification of the cargo lining gutter assemblies.

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

Required as indicated, unless accomplished previously:

Modification:

Before exceeding 80 months since Airbus date of manufacture, modify the cargo lining gutter assemblies in accordance with the instructions of the SB.

Ref. Publications:

Airbus SB A350-92-P014 original issue dated 29 October 2018.

The use of later approved 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 18 June 2019 as PAD 19-109 for consultation until 16 July 2019. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness 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](#).
5. For any question concerning the technical content of the requirements in this AD, please contact: continued-airworthiness.a350@airbus.com.

