



Airworthiness Directive

AD No.: 2022-0054

Issued: 23 March 2022

Note: 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

Type/Model designation(s):

A350 aeroplanes

Effective Date: 06 April 2022

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2022-0045 dated 16 March 2022.

ATA – Aircraft Flight Manual – Performance Database – Amendment

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 and A350-1041 aeroplanes, all manufacturer serial numbers.

Definitions:

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

The AFM revision: Any Airbus A350 Airplane Flight Manual (AFM) revision dated 29 November 2021 or later.

Reason:

It has been determined that, in the event of rapid decompression at a specific location of the aeroplane, possible deflections of the passenger floor crossbeams may result in wiring damages, leading to potential system losses.

This condition, if not corrected, could lead to an increase of the landing distance, exceeding the value provided in the current in-flight failure data file for landing, and potentially resulting in a runway excursion.



To address this potential unsafe condition, Airbus revised the AFM updating the landing performance database, and EASA issued AD 2022-0045 to require amendment of the applicable AFM.

Since that AD was issued, it has been determined that the revision of the AFM referenced in AD 2022-0045 does not include the required amendments.

For the reasons described above, this AD supersedes AD 2022-0045, requires amending the applicable AFM to a later revision, and to operate the aeroplane accordingly.

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

Required as indicated, unless accomplished previously:

AFM Amendment:

Within 3 months after 30 March 2022 [the effective date of EASA AD 2022-0045], implement the AFM revision, as defined in this AD, inform all flight crews, and thereafter, operate the aeroplane accordingly.

Ref. Publications:

Airbus A350 AFM revision dated 29 November 2021 or later.

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.
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 A350 XWB, E-mail: continued-airworthiness.a350@airbus.com.

