



Airworthiness Directive

AD No.: 2025-0105

Issued: 07 May 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:

AIRBUS S.A.S.

Type/Model designation(s):

A350 aeroplanes

Effective Date: 21 May 2025

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: None

ATA – Aircraft Flight Manual – Derated Take-Off/Limitations – 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 TR: Airbus A350 Airplane Flight Manual (AFM) Temporary Revision (TR) 137 issue 1 or AFM TR 143 issue 2 or AFM TR 139 issue 1 or AFM TR 142 issue 1, as applicable to aeroplane model and configuration.

Reason:

During a design review, a potential thrust asymmetry condition has been identified during derated take-off operations when one engine is operating within a restricted N1 zone due to KOZ (Keep Out Zone) limitations.

Investigation revealed that the root cause lies in the interaction between derated logic and KOZ-limited engine control laws, which may result in significant thrust differences between engines.



This condition, if not corrected, could lead to increased flight crew workload during critical phases of flight, possibly resulting in reduced control of the aeroplane.

To address this potential unsafe condition, Airbus published the AFM TR, as defined in this AD, to implement limitations on the derated take-off limitation supplement.

For the reason described above, this AD requires amendment of the applicable AFM by incorporating the AFM TR.

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

AFM Amendment:

- (1) Within 3 months after the effective date of this AD, amend the applicable AFM by incorporating the AFM TR, inform all flight crews, and, thereafter, operate the aeroplane accordingly.
- (2) Amending the applicable AFM of an aeroplane by incorporating a later AFM revision, which includes the same content as the AFM TR, is an acceptable method to comply with the requirements of paragraph (1) of this AD for that aeroplane.

Ref. Publications:

Airbus A350 AFM TR 137 Issue 1, EASA approval date 14 March 2025.

Airbus A350 AFM TR 143 Issue 2, EASA approval date 28 March 2025.

Airbus A350 AFM TR 139 Issue 1, EASA approval date 08 April 2025.

Airbus A350 AFM TR 142 Issue 1, EASA approval date 14 March 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 04 June 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: AIRBUS S.A.S. A350 XWB (1IAK), E-mail: continued-airworthiness.a350@airbus.com.

