



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 25-088

Issued: 18 June 2025

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):

A350 aeroplanes

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

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2025-0035 dated 12 February 2025.

ATA 29 – Hydraulic Power – Engine Driven Pump – Software Update / Modification

ATA – Aircraft Flight Manual – Abnormal and Emergency Procedures – Amendment

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 and A350-1041 aeroplanes, all manufacturer serial numbers (MSN), except those on which Airbus modification (mod) 116830 has been embodied in production.

Definitions:

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

The SB1: Airbus Service Bulletin (SB) A350-29-P051 revision 01.

The SB2: Airbus SB A350-29-P052.

The AFM DU revision:

Airbus A350 Airplane Flight Manual (AFM) Documentary Unit (DU):

00025056.0001001 dated 11 September 2019

00025057.0001001 dated 11 September 2019



00025058.0001001 dated 11 September 2019

00025059.0001001 dated 11 September 2019

Groups: Group 1 aeroplanes are those that have hydraulic monitoring and control application (HMCA) software (SW) S4.2 standard installed.

Group 2 aeroplanes are those that have HMCA SW S5.0 standard installed.

Reason:

Occurrences of failure of hydraulic engine driven pumps (EDP) of the standard EDP-06 were reported. The consequent high friction and subsequent damage to the EDP could lead to overheating of the EDP case drain (CD). As per design, in case of overheat, a temperature monitoring and isolation of the hydraulic fluid CD cooling line, located in the fuel tanks, are in place.

This condition, if not corrected, leads to a non-compliance to the quantitative safety requirements for the 'uncontrolled EDP CD overheat' failure condition, due to the repetitive nature of those overheat events.

To address this potential unsafe condition, Airbus developed HMCA SW S6.0 enhancing the robustness of the EPD CD overheat protection, which is embodied in production through Airbus mod 116830, and published the SB1 and the SB2 providing instructions for retrofit installation. Consequently, EASA issued AD 2025-0035 to require modification of the HMCA.

Since that AD was issued, it was determined that the AFM was mistakenly not identified as an affected publication following the SB1 revision 01 application. Consequently, Airbus issued SB1 revision 02 addressing this omission.

For the reasons described above, this AD retains the requirements of EASA AD 2025-0035, which is superseded, and requires amendment of the AFM DU; this AD includes also clarification about the applicability of its concurrent requirements.

This AD is considered to be an interim action and further AD action may follow.

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:

Modification:

- (1) Within the compliance time specified in Table 1 of this AD, as applicable, modify the HMCA in accordance with the instructions of the applicable SB (see Note 1 of this AD).



Table 1 – Modification

| Group | Applicable SB | Compliance Time (after 26 February 2025 [the effective date of EASA AD 2025-0035]) |
|-------|---------------|---|
| 1 | SB1 | Within 6 months |
| 2 | SB2 | Within 12 months |

Note 1: After accomplishment of the modification as required by paragraph (1) of this AD, an aeroplane remains in compliance with the requirement of paragraph (3) of EASA AD 2018-0178, as applicable.

Concurrent Requirements / Additional Modification:

- (2) Prior to or concurrent with modification of an aeroplane as required by paragraph (1) of this AD, modify that aeroplane in accordance with the instructions of Airbus SB A350-42-P020, as applicable (see Note 2 of this AD).

Note 2: For an aeroplane on which Airbus mod 116964L06016, and 117601L48911, and 117602L48912, and 117603L48913, and 117751L48884, and 117752L48885, and 117753L71035, and 117761L91141, and 117966L48979, and 117966L49214 and 118677L49166 have been embodied in production, the Concurrent Requirements / Additional Modification as required by paragraph (2) of this AD are not applicable.

Credit:

- (3) Modification of an aeroplane, accomplished before the effective date of this AD in accordance with the instructions of Airbus SB A350-29-P051 at original issue and RDAF 81504363/023/2024#C is acceptable to comply with the requirement of paragraph (1) of this AD for that aeroplane.

AFM Amendment:

- (4) For Group 1 aeroplanes: Within 3 months after the effective date of this AD, implement the AFM DU revision, as defined in this AD, inform all flight crews, and thereafter, operate the aeroplane accordingly.
- (5) Amending the AFM of an aeroplane by incorporating Airbus A350 AFM revision dated 06 March 2025, or later revision, is an acceptable method to comply with the requirements of paragraph (4) of this AD for that aeroplane.

Ref. Publications:

Airbus SB A350-29-P051 original issue dated 28 October 2024, or revision 01 dated 20 December 2024, or revision 02 dated 11 April 2025.

Airbus SB A350-29-P052 original issue dated 28 October 2024, or revision 01 dated 06 February 2025, or revision 02 dated 06 May 2025.



Airbus SB A350-42-P020 original issue dated 10 August 2023.

Airbus A350 AFM DU 00025056.0001001 dated 11 September 2019.

Airbus A350 AFM DU 00025057.0001001 dated 11 September 2019.

Airbus A350 AFM DU 00025058.0001001 dated 11 September 2019.

Airbus A350 AFM DU 00025059.0001001 dated 11 September 2019.

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 02 July 2025.
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 S.A.S. A350 XWB (1IAK), E-mail: continued-airworthiness.a350@airbus.com.

