



Airworthiness Directive

AD No.: 2025-0152

Issued: 18 July 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: 02 August 2025

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: None

ATA 27 – Flight Controls – Primary Flight Control Actuators – Replacement

Manufacturer(s):

Airbus

Applicability:

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

Definitions:

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

The AOT: Airbus Alert Operators Transmission (AOT) A27P020-25, which refers to the applicable VSB.

The applicable VSB: Moog (Vendor) Service Bulletin (VSB) as listed in Appendix 1 of this AD, as applicable.

Affected part: Primary flight control actuator having a Part Number (P/N) and a serial number (s/n) as listed in Appendix 1 of this AD, except those parts which have been reworked in accordance with the instructions of the applicable VSB.

Serviceable part: Primary flight control actuator eligible for installation in accordance with Airbus instructions, which is not an affected part.



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:

It was determined that, during production, certain primary flight control actuators (Servo controls, electrical backup hydraulic actuators (EBHA), and electro-hydrostatic actuators (EHA)) have been exposed to mechanical overloads during the Acceptance Test Procedure, leading to reduced fatigue life of affected actuators.

This condition, if not corrected, could potentially result in actuator failure, leading to loss of control of control surfaces or to hydraulic system loss, and consequently to reduced control of the aeroplane.

To address this potential unsafe condition, Airbus issued the AOT, which refers to the applicable VSB, to provide instructions to identify and replace the affected parts.

For the reason described above, this AD requires removal from service of all affected parts and replacement with serviceable parts. This AD also prohibits (re)installation of an affected part.

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:

Replacement:

- (1) For Group 1 aeroplanes: Within 135 days after the effective date of this AD, replace each affected part with a serviceable part in accordance with the instructions of the AOT, as defined in this AD.

Part(s) Installation:

- (2) Do not install (see Note 1 of this AD) an affected part on any aeroplane as required by paragraph (2.1) or (2.2) of this AD, as applicable.

(2.1) For Group 1 aeroplanes: After replacement of the affected parts as required by paragraph (1) of this AD.

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

Note 1: Removing an affected part from an aeroplane and, during the same maintenance visit, re-installing that part on the same location of the same aeroplane, is not considered “install” as specified in paragraph (2) of this AD.

Ref. Publications:

Airbus AOT A27P020-25 original issue dated 24 April 2025.

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 2025 as PAD 25-087 for consultation until 16 July 2025. 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 A350 XWB (1IAK), E-mail: continued-airworthiness.a350@airbus.com.



Appendix 1- List of Affected Parts and applicable VSB

Actuators	VSB	P/N	s/n
Outboard Aileron Servo-Control	CA67004-27-06	CA67004-018, CA67004-020, CA67004-025	00900058, 00900067, 00900079, 00900096, 00900114, 00900502, 00900514, 00900521, 00900524, 00900530, 00900536, 00900701, 00900755, 00900784, 00901077, 00901294, 00901578, 00901693, 00901799, 00901820, 00901854, 00901857, 00901876, 00901880, 00901881, 00901890, 00901900, 00901901, 00901904, 00901964, 00902144, 00902160, 00902170, 00902327
Outboard Aileron Servo-Control	CB36002-27-02	CB36002-002	01600020, 01600021, 01600552
Spoiler Servo-Control	CA67003-27-08	CA67003-018, CA67003-020, CA67003-025	00800074, 00800091, 00800163, 00800630, 00800631, 00800675, 00800758, 00800806, 00800901, 00801177, 00801193, 00801800, 00801952, 00802257, 00802589, 00802661, 00803259, 00803269, 00803278, 00804082, 00804747, 00804757, 00804758, 00804760, 00804866, 00804897, 00805381, 00805682, 00806091, 00806570
Elevator EHA	CA67006-27-10	CA67006-017, CA67006-025, CA67006-026	01100077, 01100136, 01100646, 01100790, 01100925, 01100971, 01100998, 01101017, 01101036, 01101444
Inboard Aileron EHA	CA67001-27-11	CA67001-017, CA67001-019, CA67001-026	00600055, 00600545, 00601018, 00601448,
Inboard Aileron EHA	CB36001-27-05	CB36001-004	001500022
Elevator Servo-Control	CA67005-27-08	CA67005-025	01000878, 01001049, 01001320
Inboard Aileron Servo-Control	CA67000-27-10	CA67000-025	00501219
Inboard Aileron Servo-Control	CB36000-27-03	CB36000-002	01400627, 01400660
Spoiler EBHA	CA67002-27-09	CA67002-026	00701067

