



European Union Aviation Safety Agency

## Airworthiness Directive

AD No.: 2019-0065

Issued: 27 March 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: 10 April 2019

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: None

### ATA 53 – Fuselage – Rear Fuselage Cone Diagonal Struts – Replacement

#### Manufacturer(s):

Airbus

#### Applicability:

Airbus A350-941 aeroplanes, all manufacturer serial numbers, except those on which Airbus modification (mod) 108588 has been embodied in production.

#### Definitions:

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

**The SB:** Airbus Service Bulletin (SB) A350-53-P007.

**Affected part:** Fuselage rear cone diagonal struts, having Part Number (P/N) V0008100500000 (upper) or P/N V0008100500200 (lower), as applicable.

**Serviceable part:** Fuselage rear cone diagonal struts, having P/N V0008102100000 (upper) or P/N V0008102100200 (lower), as applicable.

#### Reason:

Results of new additional tests, performed on the current diagonal struts fitted at fuselage frame (FR) 102 on A350-941 aeroplanes, determined that the capability of the affected parts is below the expected design specifications.



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This condition, if not corrected, could affect the structural integrity of the rear cone of the fuselage.

To address this potential unsafe condition, Airbus designed new diagonal struts (serviceable parts), approved by Airbus mod 108588, and issued the SB to provide instructions for the in-service replacement of the affected parts.

For the reasons described above, this AD requires replacement of the affected parts at fuselage FR102 with serviceable parts. This AD also prohibits (re)installation of affected parts.

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

Required as indicated, unless accomplished previously:

#### **Modification:**

- (1) Within 4 200 flight cycles after aeroplane first flight, replace all affected parts at FR102 with serviceable parts in accordance with the instructions of the SB.

#### **Parts Installation:**

- (2) After modification of an aeroplane as required by paragraph (1) of this AD, do not install an affected part on that aeroplane.

#### **Ref. Publications:**

Airbus SB A350-53-P007 original issue dated 15 November 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 21 December 2018 as PAD 18-187 for consultation until 18 January 2019. 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](mailto: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](mailto:continued-airworthiness.a350@airbus.com).

