



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 18-187

Issued: 21 December 2018

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

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: None

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

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 aeroplanes, all manufacturer serial numbers.

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.

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. An aeroplane on which Airbus modification (mod)



108588 has been embodied in production is a Group 2 aeroplane, provided the aeroplane remains in that configuration.

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.

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) and issued the SB to provide instructions for the 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) For Group 1 aeroplanes: 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) Do not install an affected part on any aeroplane, as required by paragraph (2.1) or (2.2) of this AD, as applicable.

(2.1) Group 1 aeroplanes: After modification of the aeroplane as required by paragraph (1) of this AD.

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

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. This Proposed AD will be closed for consultation on 18 January 2019.
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](#).

4. For any question concerning the technical content of the requirements in this PAD, please contact: continued-airworthiness.a350@airbus.com.

