



## Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 17-172**

**Issued: 15 December 2017**

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 57 – Wings – Main Landing Gear Trunnion Block Fuse Pin Retaining Pins – Inspection / Replacement

**Manufacturer(s):**

Airbus

**Applicability:**

Airbus A350-941 aeroplanes, manufacturer serial numbers (MSN) 0006 to 0040 inclusive, except MSN 0025, 0032, 0033, 0036, 0038 and 0039.

**Reason:**

Following an Airbus quality control review on the final assembly line, it was identified that short retaining pins may have inadvertently been installed at the incorrect location of the main landing gear support structure (MLGSS) forward pintle. On the A350, two short retaining pins are installed through the fuse pin carrier and four long retaining pins are installed through the trunnion block. These six retaining pins are to prevent rotation and migration of the fuse pins.

This condition, if not detected and corrected, could lead to premature failure of the retaining pin, subsequent fuse pin migration and disconnection, with consequent main landing gear collapse, possibly resulting in damage to the aeroplane and injury to the occupants.



To address this potential unsafe condition, Airbus issued Service Bulletin (SB) A350-57-P011 to provide inspection instructions.

For the reasons described above, this AD requires a one-time detailed inspection (DET) of the four retaining pins installed in the MLGSS trunnion block, both left hand (LH) and right hand (RH) sides, and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

#### **Inspection(s):**

- (1) Before exceeding 1 880 flight cycles (FC) since aeroplane first flight, accomplish a DET of the four retaining pins installed in the MLGSS trunnion block, both LH and RH sides, in accordance with the instructions of Airbus SB A350-57-P011.

#### **Corrective Action(s):**

- (2) If, during the inspection as required by paragraph (1) of this AD, damage or deformation is found on the non-conforming (incorrect) retaining pin(s), before next flight, contact Airbus for approved corrective action instructions and, within the compliance time as specified there in, accomplish those instructions accordingly.
- (3) If, during the inspection as required by paragraph (1) of this AD, no damage or deformation is found on the non-conforming (incorrect) retaining pins, before exceeding 1 880 FC since aeroplane first flight, replace the non-conforming / incorrect retaining pins in accordance with the instructions of Airbus SB A350-57-P011.

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

Airbus SB A350-57-P011 original issue dated 17 May 2017.

The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.

#### **Remarks:**

1. This Proposed AD will be closed for consultation on 05 January 2018.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical content of the requirements in this PAD, please contact: [continued-airworthiness.a350@airbus.com](mailto:continued-airworthiness.a350@airbus.com).

