



Notification of a proposal to issue an Airworthiness Directive

PAD No.: 16-119

Issued: 08 August 2016

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):

A380 aeroplanes

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

TCDS Number(s): EASA.A.110

Foreign AD: Not applicable

Supersedure: None

ATA 57 – Wings – Trailing Edge Flap Track #3 and #4 Support – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers, except those that have embodied Airbus modification (mod) 75712 and mod 75713 in production.

Reason:

Analysis determined that the life limit established for single load path fatigue and crack propagation scenario applicable to the support area of wing trailing edge flap track #3 and #4 does not cover the established life limit of the aeroplane. The compression pads, which are located at the aft attachment area of wing trailing edge flap track #3 and #4 are life limited.

This condition, if not corrected, could lead to failure and consequent in-flight loss of wing trailing edge flap track #3 or #4 support, including the attached flap, possibly resulting in reduced control of, or damage to, the aeroplane and/or injury to persons on the ground.

To address this potential unsafe condition, Airbus developed modifications 75712 and 75713 available for in-service application through Service Bulletins (SB) A380-57-8122 (for wing trailing



edge flap track #3, left hand (LH) and right hand (RH)) and SB A380-57-8123 (wing trailing edge flap track #4, LH and RH), providing modification instructions to restore the fatigue life of the wing trailing edge flap track #3 and #4 support, respectively.

For the reason described above, this AD requires modification of the wing trailing edge flap track #3 and #4 support.

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

Required as indicated, unless accomplished previously:

- (1) Before exceeding 6 000 flight cycles (FC) since aeroplane first flight, modify each support of the wing trailing edge flap track #3 and #4, LH and RH, in accordance with the instructions of Revision 1 of Airbus SB A380-57-8122 and Revision 1 of Airbus SB A380-57-8123, as applicable to the affected flap track support.
- (2) Modification of an aeroplane, before the effective date of this AD, in accordance with the instructions of Airbus SB A380-57-8122 original issue and Airbus SB A380-57-8123 original issue is acceptable to comply with the requirements of paragraph (1) of this AD.

Ref. Publications:

Airbus SB A380-57-8122 original issue dated 26 February 2016, or Revision 1 dated 22 July 2016.

Airbus SB A380-57-8123 original issue dated 26 February 2016, or Revision 1 dated 22 July 2016.

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

Remarks:

1. This Proposed AD will be closed for consultation on 05 September 2016.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS - EIANA (Airworthiness Office), Telephone : +33 562 110 253; Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

