



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 17-091

Issued: 06 July 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):

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 53 – Fuselage – Cross Beam Fittings – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers, except aeroplanes that have embodied Airbus modification (mod) 73670 in production.

Reason:

During the A380 fatigue test campaign, after accumulating 22 000 simulated flight cycles (FC), cracks were detected at the main deck cross beam fittings above the forward (FWD) cargo compartment door at frame (FR) 25 to FR28.

This condition, if not corrected, could lead to a structural failure, adversely affecting the structural integrity of the aeroplane.

To address this potential unsafe condition, Airbus developed production mod 73670, installing additional couplings and modified L-brackets on affected main deck cross beams, which is also available for in service aeroplanes through Airbus Service Bulletin (SB) A380-53-8132.



For the reasons described above, this AD requires modification of cross beams at FR26 and FR27 above the FWD cargo compartment door.

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

Required as indicated, unless accomplished previously:

Modification:

Before exceeding 7 600 FC since aeroplane first flight, modify cross beams at FR26 and FR27 above the FWD cargo compartment door in accordance with the instructions of Airbus SB A380-53-8132.

Ref. Publications:

Airbus SB A380-53-8132 original issue, dated 03 April 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 08 August 2017.
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 5 6211 0253; Fax: +33 5 6211 0307, E-mail: account.airworth-A380@airbus.com.

