



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 19-143**

**Issued: 25 July 2019**

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):**

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 – Belly Fairing Torsion Box – Modification

**Manufacturer(s):**

Airbus

**Applicability:**

Airbus A380-841, A380-842 and A380-861 aeroplanes, manufacturer serial numbers (MSN) 0006 to 0017 inclusive, MSN 0019 to 0023 inclusive, MSN 0025 to 0031 inclusive, MSN 0033 to 0036 inclusive, MSN 0038 to 0052 inclusive, MSN 0055 to 0059 inclusive, MSN 0061 to 0066 inclusive, MSN 0068 to 0071 inclusive, MSN 0074 to 0077 inclusive, and MSN 0080.

**Definitions:**

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

**The SB:** Airbus Service Bulletin (SB) A380-53-8153.

**Affected part:** Belly fairing torsion boxes on left-hand (LH) and right-hand (RH) side of the fuselage.

**Airbus date of manufacture:** The date of transfer of title (ownership) of the aeroplane upon delivery by Airbus to the first operator.



**Reason:**

Occurrences have been reported of finding some cracks in affected parts on in-service A380 aeroplanes.

This condition, if not corrected, could lead to in-flight loss of an affected part, possibly resulting in damage to, and consequent reduced control of, the aeroplane.

To address this potential unsafe condition, Airbus developed an improved design of the affected parts and issued the SB providing modification instructions. Modification of an aeroplane allows that aeroplane to reach the design service goal.

For the reasons described above, this AD requires modification of the affected parts on certain aeroplanes.

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

Required as indicated, unless accomplished previously:

**Modification:**

Within 147 months since Airbus date of manufacture, modify the affected parts in accordance with the instructions of the SB.

**Ref. Publications:**

Airbus SB A380-53-8153 original issue dated 24 April 2019.

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 22 August 2019.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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: Airbus – EIANA (Airworthiness Office), Telephone: +33 562 110 253, Fax: +33 562 110 307, E-mail: [account.airworth-A380@airbus.com](mailto:account.airworth-A380@airbus.com).

