



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 20-139**

**Issued: 10 September 2020**

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 54 – Nacelles / Pylons – Pylon Box Zone D Sealing – Modification

**Manufacturer(s):**

Airbus

**Applicability:**

Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial number, except those on which Airbus modification (mod) 78442, mod 78443, mod 78444 and mod 78445 (for models A380-841 and -842, with Rolls-Royce RB211 Trent 900 engines installed) have been embodied in production.

**Definitions:**

For the purpose of this AD, the following definition applies:

**The applicable SB:** Airbus Service Bulletin (SB) A380-54-8090 and SB A380-54-8091, as applicable.

**Reason:**

During the validation process of a new maintenance task on the pylon assembly line, a lack of sealant was noticed on rib 13 screw heads and along rib 14 corner, at the interface between zone D and zone C of the pylon box.



This condition, if not corrected, could lead to fuel leakage, dropping on hot parts, possibly resulting in a fire or explosion and consequent loss of the aeroplane.

To address this unsafe condition, Airbus developed sets of modifications, improving the sealing performance of the pylon box, and published the applicable SB to provide instructions for in-service modification.

For the reasons described above, this AD requires a modification by applying additional sealant on primary structure on the top of each pylon box.

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

Required as indicated, unless accomplished previously:

#### **Modification:**

Within 42 months after the effective date of this AD, apply sealant on zone D on top of each pylon box in accordance with the instructions of the applicable SB.

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

Airbus SB A380-54-8090 original issue dated 21 July 2020.

Airbus SB A380-54-8091 original issue dated 21 July 2020.

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

#### **Remarks:**

1. This Proposed AD will be closed for consultation on 08 October 2020.
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](#). This may include reporting on the same or similar components, other than those covered by the design to which this PAD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
4. For any question concerning the technical content of the requirements in this PAD, please contact: Airbus – IIANA (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).

