



Airworthiness Directive

AD No.: 2021-0082

Issued: 19 March 2021

Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS

Type/Model designation(s):

A380 aeroplanes

Effective Date: 02 April 2021

TCDS Number(s): EASA.A.110

Foreign AD: Not applicable

Supersedure: None

ATA 54 – Nacelles / Pylons – Aft Pylon Fairing Rear Drain Pipes Sealing – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841 and A380-842 aeroplanes, all manufacturer serial numbers (MSN), except those on which Airbus modification (mod) 78035, mod 78036, mod 78037 and mod 78038 have been embodied in production; and A380-861 aeroplanes, all MSN.

Definitions:

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

The applicable modification SB: Airbus Service Bulletin (SB) as listed in Table 1 of this AD, as applicable to aeroplane model and engine pylon position (#).

Reason:

During verification testing of a Rolls-Royce pylon drain re-routing modification on an A380, fluid flowed inside the aft pylon fairing (APF). Subsequent investigation determined that sealant on the aft area of the APF was missing around the drain pipes, which had caused the fluid leakage. It was determined that A380 Engine Alliance GP7200 engine pylons are also affected.



This condition, if not corrected, could lead to leaking fluid contacting the hot part inside the APF, possibly resulting in an on-ground fire ignition with consequent damage to the aeroplane and injury to occupants.

To address this potential unsafe condition, Airbus issued the applicable modification SB to provide instructions to apply the sealing of each engine pylon position (#).

For the reasons described above, this AD requires a sealant modification of each engine APF.

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

Required as indicated, unless accomplished previously:

Modification:

Within 5 000 flight hours after the effective date of this AD, apply sealing around the rear drain pipes of each engine APF in accordance with the instructions of the applicable modification SB.

Table 1 – Applicable Modification SB

Aeroplane Model(s)	Engine Pylon Position (#)	Applicable Modification SB
A380-861	# 1	A380-54-8074
	# 2	A380-54-8075
	# 3	A380-54-8076
	# 4	A380-54-8077
A380-841 and A380-842	# 1	A380-54-8078
	# 2	A380-54-8079
	# 3	A380-54-8080
	# 4	A380-54-8081

Ref. Publications:

Airbus SB A380-54-8074 original issue dated 04 April 2019.

Airbus SB A380-54-8075 original issue dated 04 April 2019.

Airbus SB A380-54-8076 original issue dated 04 April 2019.

Airbus SB A380-54-8077 original issue dated 04 April 2019.

Airbus SB A380-54-8078 original issue dated 04 April 2019.

Airbus SB A380-54-8079 original issue dated 04 April 2019.

Airbus SB A380-54-8080 original issue dated 04 April 2019.

Airbus SB A380-54-8081 original issue dated 04 April 2019.



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

Remarks:

1. If requested and appropriately substantiated, EASA can approve alternative methods of compliance for this AD.
2. This AD was posted on 17 February 2021 as PAD 21-024 for consultation until 17 March 2021. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, 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 AD 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.
5. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS - EIANA (Airworthiness Office), Telephone: +33 562 110 253, Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

