



Airworthiness Directive

AD No.: 2017-0183

Issued: 20 September 2017

Note: This Airworthiness Directive (AD) 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.

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 (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

AIRBUS

Type/Model designation(s):

A380 aeroplanes

Effective Date: 04 October 2017

TCDS Number(s): EASA.A.110

Foreign AD: Not applicable

Supersedure: None

ATA 54 – Nacelles / Pylons – Inboard and Outboard Pylon Drain System – Inspection

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841 and A380-842 aeroplanes, all manufacturer serial numbers.

Reason:

Flame and smoke were detected after engine shut down at the lower side of a pylon #1 in close vicinity of the engine nozzle exhaust. Subsequent investigation determined that the sealant of pylon zone A was damaged and the forward pylon drain line was confirmed clogged at the level of the engine to pylon interface within the engine area.

This condition, if not detected and corrected, could lead to accumulation of hydraulic fluid in case of leakage from engine hydraulic line(s) and damage to the seal of the pylon fuel double wall pipe, possibly resulting in fuel flow onto hot engine parts and potential risk of an on ground fire.

To address this potential unsafe condition, Airbus issued Alert Operators Transmission (AOT) A54R008-17 providing instructions for detailed inspection (DET) and functional check (FNC) of the pylons and engine drain systems.



For the reason described above, this AD requires a one-time DET and FNC of each pylon and of the engine drain system on each pylon and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Inspection(s):

(1) Within 30 days after the effective date of this AD, accomplish concurrently the actions as required by paragraphs (1.1), (1.2) and (1.3) of this AD on each engine pylon, in accordance with the instructions of Airbus AOT A54R008-17.

(1.1) DET of hydraulic components in the “area 1”.

(1.2) FNC of the pylon and engine drain system.

(1.3) DET of the sealant at the area of pylon compartment A.

Corrective Action(s):

(2) If, during any DET or the FNC as required by paragraph (1) of this AD, any discrepancy is detected, depending on findings, accomplish the applicable corrective action(s) within the compliance time defined in, and in accordance with, the instructions of Airbus AOT A54R008-17.

Ref. Publications:

Airbus AOT A54R008-17 original issue dated 29 June 2017.

The use of later approved revisions of this document 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 04 August 2017 as PAD 17-107 for consultation until 01 September 2017. The Comment Response Document can be found in the [EASA Safety Publications Tool](#), in the compressed (zipped) file attached to the record for this AD.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: Airbus – EIANA (Airworthiness Office), Telephone: +33 562 110 253, Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

