



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-146

Issued: 26 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 36 – Pneumatic – Engine Bleed Air System Certification Maintenance Requirements Task – Amendment

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers.

Definitions:

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

Aeroplane date of manufacture: The date of transfer of title (ownership) at the time of first delivery to an operator, which is referenced in Airbus documentation.

The AOT: Airbus Alert Operators Transmission (AOT) A36R002-19.

The ALS: Airbus A380 Airworthiness Limitations Section (ALS) Part 3 Revision 06.



Reason:

Prompted by analysis, it was identified that the interval of Certification Maintenance Requirements (CMR) task 361100-00001-1-C, as currently published in the ALS, needs to be reduced from 12 500 flight hours (FH) to 9 000 FH.

Failure to comply with these CMR instructions could possibly result in a bleed duct overpressure or burst.

To address this unsafe condition, Airbus issued the AOT to provide inspection instructions.

For the reasons described above, this AD requires repetitive inspections of the sense line of each pressure sensor of the engine bleed air system, repetitive functional tests of each sensor and repetitive inspections of the associated and adjacent Core Processing Input / Output Module wiring, up to the sensor electrical connectors, and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Repetitive Inspections / Functional Tests:

- (1) Within the compliance time as defined in Table 1 of this AD and, thereafter, at intervals not to exceed 9 000 FH, accomplish sub-tasks A, B, C and D as specified in section 4.2.2 of the AOT, concurrently and in sequence, in accordance with the instructions of the AOT.

Table 1 – Initial Inspection / Functional Test

Compliance Time (whichever occurs later, A or B)	
A	For aeroplanes that have embodied modification (mod) 77078 in production: Before exceeding 9 000 FH since aeroplane date of manufacture For pre-mod 77078 aeroplanes: Within 9 000 FH after modification of the aeroplane in accordance with the instructions of Airbus SB A380-36-8037 or SB A380-36-8038 [as required by EASA AD 2017-0135], as applicable
B	Within 4 months after the effective date of this AD

- (2) If, during any inspection or functional test as required by paragraph (1) of this AD, discrepancies are detected, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the AOT.

Terminating Action:

- (3) None.

Ref. Publications:

Airbus AOT A36R002-19 original issue dated 26 June 2019.

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 09 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.
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), E-mail: account.airworth-A380@airbus.com.

