



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 21-108

Issued: 27 July 2021

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 28 – Fuel – Master Minimum Equipment List – Fuel Pumps – 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:

MMEL update: Airbus A380 Master Minimum Equipment List (MMEL) Revision of January 2021 for items as specified in Table 1 of this AD, EASA approval date 11 January 2021.

Reason:

Occurrences have been reported of finding corrosion on fuel pipe connectors on A380 aeroplanes. Investigation results revealed that leaks in the engine feed system may develop over time due to corrosion. A fuel system risk assessment on the consequence of this corrosion indicated that this could lead to fuel gravity feed not operating correctly and fuel being unusable.



This condition, if not corrected, could lead to fuel starvation, possibly resulting in reduced control of the aeroplane.

To address this potential unsafe condition, Airbus issued the MMEL update, as defined in this AD, to incorporate temporary restrictions of the associated fuel pumps MMEL items.

For the reason described above, this AD requires implementation of the MMEL update.

This AD is considered to be an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

MMEL Changes:

- (1) Within 3 months after the effective date of this AD, amend the MEL on the basis of the MMEL update, as defined in this AD, inform all flight crews, and, thereafter, operate the aeroplane accordingly.

Table 1 – New / Amended MMEL Items

Change	MMEL item
New	28-26-16 – Feed Tank 1 Main Pump Monitoring
	28-26-20 – Feed Tank 1 Standby Pump Monitoring
	28-26-21 – Feed Tank 2 Standby Pump Monitoring
	28-26-22 – Feed Tank 3 Standby Pump Monitoring
	28-26-23 – Feed Tank 4 Standby Pump Monitoring
Amended	28-26-06 – Feed Tank 1 Main Pump
	28-26-10 – Feed Tank 2 Main Pump
	28-26-12 – Feed Tank 3 Main Pump
	28-26-14 – Feed Tank 4 Main Pump
	28-26-07 – Feed Tank 1 Standby Pump
	28-26-13 – Feed Tank 2 Standby Pump
	28-26-11 – Feed Tank 3 Standby Pump
	28-26-15 – Feed Tank 4 Standby Pump
	28-26-17 – Feed Tank 2 Main Pump Monitoring
	28-26-18 – Feed Tank 3 Main Pump Monitoring
	28-26-19 – Feed Tank 4 Main Pump Monitoring

- (2) [reserved]



Ref. Publications:

Airbus A380 MMEL Revision of January 2021, EASA approval date 11 January 2021.

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 24 August 2021.
2. Enquiries regarding this PAD should be referred to the EASA Safety 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](#). 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 SAS - EIANA (Airworthiness Office), Telephone: +33 562 110 253, Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

