



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 24-152

Issued: 12 December 2024

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:

ATR-GIE AVIONS de TRANSPORT RÉGIONAL

Type/Model designation(s):

ATR 42 and ATR 72 aeroplanes

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): EASA.A.084

Foreign AD: Not applicable

Supersedure: None

ATA 26 – Fire Protection – Aft Cargo Compartment Fire Extinguisher Distribution Piping – Functional Check

Manufacturer(s):

ATR-GIE Avions de Transport Régional, formerly EADS ATR - Alenia, Aerospatiale Matra ATR - ALENIA, Aerospatiale - Alenia, Aerospatiale - Aeritalia

Applicability:

ATR 42-200, ATR 42-300, ATR 42-320, ATR 42-400, ATR 42-500 aeroplanes, all manufacturer serial numbers (MSN), except MSN 1617 and subsequent; and
ATR 72-101, ATR72-102, ATR 72-201, ATR 72-202, ATR 72-211, ATR 72-212, and ATR 72-212A aeroplanes, all MSN, except MSN 1627, 1677, 1678, 1703 to 1716 inclusive, 1718 to 1721 inclusive, 1723 to 1726 inclusive, 1728 and subsequent.

Definitions:

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

The AOM: ATR Airworthiness Operators Message (AOM) 2024/13.



Reason:

During an inspection on the ATR final assembly line, a fire extinguishing tube, located on the ceiling in the aft cargo compartment, was found disconnected from its sleeve.

Further investigations indicated that this condition might affect other ATR aeroplanes.

This condition, if not detected and corrected, could affect the cargo compartment(s) fire extinguishing system capability to contain a cargo compartment fire.

To address this potential unsafe condition, ATR issued the AOM to provide instructions for a one-time functional check of the aft cargo fire extinguishing system.

For the reasons described above, this AD requires a one-time functional check of the aft cargo fire extinguishing system and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Functional Check:

- (1) Within 750 flight hours or 6 months, whichever occurs first after the effective date of this AD, accomplish a one-time functional check of the aft cargo fire extinguishing system in accordance with the instructions of the AOM.

Corrective Action(s):

- (2) If, during the functional check as required by paragraph (1) of this AD, any discrepancy is detected, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the AOM. If a detected discrepancy cannot be corrected by using the instructions of the AOM, before next flight, contact ATR for approved instructions and accomplish those instructions accordingly.

Ref. Publications:

ATR AOM: 2024/13 issue 1 dated 25 November 2024.

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 09 January 2025.
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: ATR - GIE Avions de Transport Régional, Continued Airworthiness Service, Telephone: +33 (0)5 62 21 62 21, Fax: +33 (0) 5 62 21 67 18; E-mail: continued.airworthiness@atr-aircraft.com.

