



Airworthiness Directive

AD No.: 2025-0173

Issued: 05 August 2025

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, or Annex Vb Part ML.A.301, as applicable, 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 Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

ATR-GIE AVIONS de TRANSPORT RÉGIONAL

Type/Model designation(s):

ATR 42 and ATR 72 aeroplanes

Effective Date: 19 August 2025

TCDS Number(s): EASA.A.084

Foreign AD: Not applicable

Supersedure: None

ATA – Aircraft Flight Manual — Normal Procedures – Amendment

Manufacturer(s):

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

Applicability:

ATR 42-400 and ATR 42-500 aeroplanes, all manufacturer serial numbers (MSN); and

ATR 72-212 and ATR 72-212A aeroplanes, all MSN.

Definitions:

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

The AOM: ATR Airworthiness Operators Message (AOM) 2025/06.

The AFM: ATR 42/72 Aircraft Flight Manual (AFM) Revision dated 30 November 2024.

Groups:

Group 1 aeroplanes are:

ATR 42-400 and ATR 42-500 aeroplanes, all MSN on which ATR modification (mod) 04273 has been embodied in production, or ATR Service Bulletin (SB) ATR42-26-0020 has been embodied in service.



Group 2 aeroplanes are:

ATR 72-212 and ATR 72-212A aeroplanes, all MSN on which ATR mod 04511 has been embodied in production, or ATR SB ATR72-26-1012, or SB ATR72-26-1023, or SB ATR72-26-1029 has been embodied in service.

Group 3 aeroplanes are:

ATR 72-212 and ATR 72-212A aeroplanes, all MSN on which ATR mod 07378 has been embodied in production.

Group 4 aeroplanes are aeroplanes which are not Group 1, Group 2 nor Group 3 aeroplanes.

Reason:

Design review identified a potential unsafe condition affecting aircraft operation with certain cargo class E configurations, related to absence of a pre-flight smoke detector check. Without a functional smoke detection system, a fire in the cargo compartment could remain undetected, potentially leading to an uncontrolled fire.

To address this potential unsafe condition, ATR updated the AFM, as defined in this AD, incorporating the applicable test system for Group 2 and Group 3 aeroplanes, and issued the AOM, anticipating updated procedures for Group 1 aeroplanes.

For the reason described above, this AD requires implementation of updated procedures.

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:

AFM Amendment:

- (1) For Group 1, Group 2 and Group 3 aeroplanes: Within 6 months after the effective date of this AD, implement the smoke detectors check procedures as defined in Table 1 of this AD, inform all flight crews, and thereafter, operate the aeroplane accordingly.

Table 1 – AFM Amendments

Aeroplane Group	Procedure	Applicable Document
1	PROCEDURES / SPECIAL OPERATIONS / CONTAINER TRANSPORTATION / CARGO PREPARATION / SYSTEM TEST	Advance copy attached to the AOM, as defined in this AD
2	PROCEDURES / SPECIAL OPERATIONS/CONTAINER TRANSPORTATION / CARGO PREPARATION / SYSTEM TEST	ATR42/72 AFM Revision dated 30 November 2024
3	PROCEDURES / SPECIAL OPERATIONS/PASSENGER - CARGO COMBI CONFIGURATION / CARGO CONFIGURATION (CLASS E COMPARTMENT) / NORMAL PROCEDURES / SYSTEM TEST	ATR42/72 AFM Revision dated 30 November 2024



- (2) Amending the AFM of an aeroplane by incorporating a later AFM revision, which includes the smoke detectors check procedures, as defined in Table 1 of this AD, is an acceptable method to comply with the requirements of paragraph (1) of this AD for that aeroplane.
- (3) For Group 4 aeroplanes: From the effective date of this AD, it is allowed to modify an aeroplane in accordance with the instructions of ATR SB ATR42-26-0020, SB ATR72-26-1012, SB ATR72-26-1023, or SB ATR72-26-1029, provided that, before next flight after that modification, the procedures, as identified in paragraph (1) of this AD, as applicable, are implemented for that aeroplane.

Ref. Publications:

ATR AOM 2025/06 Issue 1 dated 23 May 2025.

ATR42/72 AFM Revision dated 30 November 2024.

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 07 July 2025 as PAD 25-101 for consultation until 04 August 2025. 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: 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.

