



適航指令發布單

Airworthiness Directive Issuance Form

民航局AD編號 AD number	CAA-2024-04-004	發布日期 Date issued	2024/04/19												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	ATR 42-200, ATR 42-300, ATR 42-320, ATR 42-400, ATR 42-500, ATR 72-101, ATR72-102, ATR 72-201, ATR 72-202, ATR 72-211, ATR 72-212, and ATR 72-212A aeroplanes, manufacturer serial numbers as listed in the Appendix 1 of the AOM, as defined in this AD.														
主旨摘要 Subject	Doors - Cockpit Emergency Escape Hatch Drain Hose - Inspection														
民航局 CAA <input type="radio"/> 本國產品 Native product <input type="radio"/> 其他個案 Other	設計國民航主管機構 Original Authority <table><tr><td><input type="radio"/> FAA</td><td><input type="radio"/> Germany LBA</td></tr><tr><td><input checked="" type="radio"/> EASA</td><td><input type="radio"/> CAA-NL</td></tr><tr><td><input type="radio"/> Brazil</td><td><input type="radio"/> UK CAA</td></tr><tr><td><input type="radio"/> Transport Canada Civil Aviation</td><td><input type="radio"/> Japan CAB</td></tr><tr><td><input type="radio"/> DGAC</td><td><input type="radio"/> CAA of Israel</td></tr><tr><td></td><td><input type="radio"/> Other_____</td></tr></table>			<input type="radio"/> FAA	<input type="radio"/> Germany LBA	<input checked="" type="radio"/> EASA	<input type="radio"/> CAA-NL	<input type="radio"/> Brazil	<input type="radio"/> UK CAA	<input type="radio"/> Transport Canada Civil Aviation	<input type="radio"/> Japan CAB	<input type="radio"/> DGAC	<input type="radio"/> CAA of Israel		<input type="radio"/> Other_____
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<input type="radio"/> Transport Canada Civil Aviation	<input type="radio"/> Japan CAB														
<input type="radio"/> DGAC	<input type="radio"/> CAA of Israel														
	<input type="radio"/> Other_____														
	設計國AD編號 Original AD number	2024-0090													
	1. 直接採用原AD之內容? (Is the original AD directly adopted?) <input checked="" type="radio"/> 是(Yes) <input type="radio"/> 否(No)_ a. 生效日期另訂為(Re-specify the effective date as): b. 執行時限另訂為(Re-specify the compliance time or period as): 2. 使用人是否需要將AD執行結果向民航局提出報告? (Do users need to report the status of compliance to the CAA?) <input type="radio"/> 需要(Yes) <input checked="" type="radio"/> 不需要(No)														
備註 Note	ATA 52. Ref. Publications: ATR AOM 2023/07 Issue 2 dated 31 January 2024.														

註： 1. AD內容後附。

2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。

3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464,

adcaa@mail.caa.gov.tw

Note： 1. The AD text is enclosed.

2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval.

3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6330 / 6332,

Fax：(02)2545-8464, adcaa@mail.caa.gov.tw



Airworthiness Directive

AD No.: 2024-0090

Issued: 16 April 2024

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 REGIONAL

Type/Model designation(s):

ATR 42 and ATR 72 aeroplanes

Effective Date: 30 April 2024

TCDS Number(s): EASA.A.084

Foreign AD: Not applicable

Supersedure: None

ATA 52 – Doors – Cockpit Emergency Escape Hatch Drain Hose – Inspection

Manufacturer(s):

ATR-GIE Avions de Transport Régional (ATR), 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, ATR 72-101, ATR72-102, ATR 72-201, ATR 72-202, ATR 72-211, ATR 72-212, and ATR 72-212A aeroplanes, manufacturer serial numbers as listed in the Appendix 1 of the AOM, as defined in this AD.

Definitions:

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

The AOM: ATR Airworthiness Operators Message (AOM) 2023/07 at issue 2.

Affected part: Cockpit emergency escape hatch drain hose.

MP Task: Maintenance Procedure (MP) Tasks ATR-A-52-22-XX-00ZZZ-520Z-A and ATR-A-52-22-XX-00ZZZ-720Z-A dated 31 December 2023 or earlier.



Reason:

An occurrence of cockpit emergency escape hatch which was difficult to open has been reported. Subsequent investigation revealed some cases of hatch drain hose end connected to hatch with wrong parts (zip-tie / ty-rap) and some cases of installed collars with a too small diameter which would not permit the drain hose to slide inside. These installation non-conformities might affect the drainage of the hatch, possibly resulting in difficulties to remove the hatch in case of an emergency evacuation. The manufacturer confirmed that aeroplanes in production are not concerned by this issue and are conform to the design. It was concluded that this issue could only occur during maintenance operation and, consequently, the ATR maintenance documentation of the installation of the cockpit escape emergency hatch procedure was updated to clarify the instruction for drain hose installation.

This condition, if not detected and corrected, could prevent flight crew evacuation from the aeroplane in case of an emergency, possibly resulting in personal injury.

To address this potential unsafe condition, ATR issued the AOM to provide inspection instructions, and updated the MP tasks ATR-A-52-22-XX-00ZZZ-520Z-A and ATR-A-52-22-XX-00ZZZ-720Z-A.

For the reason described above, this AD requires one-time visual check of the affected part 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 actions required by this AD have been already accomplished:

Inspection:

- (1) Within 750 flight hours or 6 months after the effective date of this AD, whichever occurs first, accomplish a visual check of the affected part, as defined in this AD, in accordance with the instructions of the AOM.

Corrective Action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, any discrepancy, as defined in the AOM, is detected, before next flight, accomplish applicable corrective action(s) in accordance with the instructions of the AOM.

Additional Maintenance Requirements:

- (3) From the effective date of this AD, do not accomplish any maintenance action on an aeroplane in accordance with the instructions of the MP Tasks, as defined in this AD.

Ref. Publications:

ATR AOM 2023/07 Issue 2 dated 31 January 2024.

The use of later approved revisions of the above-mentioned 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 05 March 2024 as PAD 24-030 for consultation until 02 April 2024. 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. 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.

