



適航指令發布單

Airworthiness Directive Issuance Form

民航局AD編號 AD number	CAA-2025-05-003	發布日期 Date issued	2025/05/08												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	ATR 42-500 aeroplanes all manufacturer serial numbers (MSN) on which ATR modification (mod) 05948 has been embodied in production; and ATR 72-212A aeroplanes all MSN on which ATR mod 05948 has been embodied in production.														
主旨摘要 Subject	Hydraulic Power - Main Hydraulic Pump - Master Minimum Equipment List Restriction														
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	2025-0103													
	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 29. Ref. Publications: Item 29-11-01A of the MMEL for ATR42 approval date 11 November 2024. and Item 29-11-01B of the MMEL for ATR42 approval date 11 November 2024. and Item 29-11-01A of the MMEL for ATR72 approval date 11 November 2024. and Item 29-11-01B of the MMEL for ATR72 approval date 11 November 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 Aviation Administration on Tel：(02)2349-6330 / 6332,
Fax：(02)2545-8464, adcaa@mail.caa.gov.tw



Airworthiness Directive

AD No.: 2025-0103

Issued: 05 May 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 May 2025

TCDS Number(s): EASA.A.084

Foreign AD: Not applicable

Supersedure: None

ATA 29 – Hydraulic Power – Main Hydraulic Pump – Master Minimum Equipment List Restriction

Manufacturer(s):

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

Applicability:

ATR 42-500 aeroplanes all manufacturer serial numbers (MSN) on which ATR modification (mod) 05948 has been embodied in production; and

ATR 72-212A aeroplanes all MSN on which ATR mod 05948 has been embodied in production.

Definitions:

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

The MMEL items: Item 29-11-01A and Item 29-11-01B of the ATR Master Minimum Equipment List (MMEL) for ATR42 or ATR MMEL for ATR72, as applicable.

Reason:

A review of the MMEL has identified that, under the provisions of MMEL item 29-11-01 for dispatch with a failed Main Hydraulic (HYD) Pump, specifically the GREEN HYD Pump, a failure of the DC EMER BUS could lead to multiple system losses, including:



- Loss of control of the BLUE HYD Pump (electrically controlled by the DC EMER BUS), and
- Loss of nose wheel steering (powered by the DC EMER BUS), and
- Complete loss of the Travel Limitation Unit (TLU) control in both Auto and Manual modes.

These failures could result in reduced aircraft controllability on the ground during landing phase.

To address this potential unsafe condition, ATR issued the MMEL items, to add a new proviso to ensure that appropriate actions are taken when the aeroplane is dispatched under the MMEL item 29-11-01 Main HYD Pump.

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

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:

MMEL Amendment:

- (1) Within 3 months after the effective date of this AD, implement the instructions of the MMEL items, as defined in this AD, inform all flight crews, and thereafter, operate the aeroplane accordingly.
- (2) Amendment of the operator's MEL of an aeroplane by incorporating the MMEL items, is an acceptable method to comply with the requirements of paragraph (1) of this AD for that aeroplane.

Ref. Publications:

Item 29-11-01A of the MMEL for ATR42 approval date 11 November 2024.

Item 29-11-01B of the MMEL for ATR42 approval date 11 November 2024.

Item 29-11-01A of the MMEL for ATR72 approval date 11 November 2024.

Item 29-11-01B of the MMEL for ATR72 approval date 11 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 31 March 2025 as PAD 25-057 for consultation until 28 April 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.

