



## 適航指令發布單

### Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2020-08-003	發布日期 Date issued	2020/8/11
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	ATR 72-101, ATR 72-102, ATR 72-201, ATR 72-202, ATR 72-211, ATR 72-212 and ATR 72-212A aeroplanes, all manufacturer serial numbers.		
主旨摘要	Time Limits / Maintenance Checks - Certification Maintenance Requirements and Airworthiness Limitations - Amendment		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> FAA  <input checked="" type="checkbox"/> EASA  <input type="checkbox"/> Brazil  <input type="checkbox"/> Transport Canada Civil Aviation  <input type="checkbox"/> DGAC             </div> <div style="width: 50%;"> <input type="checkbox"/> Germany LBA  <input type="checkbox"/> CAA-NL  <input type="checkbox"/> UK CAA  <input type="checkbox"/> Japan CAB  <input type="checkbox"/> CAA of Israel  <input type="checkbox"/> Other _____             </div> </div>		
	設計國 AD 編號 Original AD number	2020-0173	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 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="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	This AD supersedes EASA AD 2018-0184(CAA-2018-08-012) dated 28 August 2018.		
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)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> 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)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



## Airworthiness Directive

**AD No.:** 2020-0173

**Issued:** 05 August 2020

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, 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 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 72 aeroplanes

**Effective Date:** 19 August 2020

**TCDS Number(s):** EASA.A.084

**Foreign AD:** Not applicable

**Supersedure:** This AD supersedes EASA AD 2018-0184 dated 28 August 2018.

## ATA 05 – Time Limits / Maintenance Checks – Certification Maintenance Requirements and Airworthiness Limitations – Amendment

### Manufacturer(s):

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

### Applicability:

ATR 72-101, ATR 72-102, ATR 72-201, ATR 72-202, ATR 72-211, ATR 72-212 and ATR 72-212A aeroplanes, all manufacturer serial numbers.

### Definitions:

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

**The TLD:** ATR 72 Time Limits Document (TLD) Revision 17.

**The AMP:** The approved Aircraft Maintenance Programme (AMP) on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane. For affected ATR 72 aeroplanes operated under EU regulation, complying with the approved AMP is required by Commission Regulation (EU) [1321/2014](#), Part M.A.301, paragraph 3.

**New and/or more restrictive tasks and limitations:** This includes all tasks and limitations that are new or for which a threshold and/or interval was reduced, which were introduced into the TLD (as defined in this AD) since the previous TLD Revision that is currently incorporated in the AMP.



**Reason:**

The airworthiness limitations and certification maintenance requirements (CMR) for ATR 72 aeroplanes, which are approved by EASA, are currently defined and published in the TLD.

Failure to accomplish these instructions could result in an unsafe condition.

Previously, EASA issued AD 2018-0184 to require accomplishment of all maintenance tasks as described in ATR 72 TLD at Revision 16.

Since that AD was issued, ATR published the TLD, as defined in this AD, including new and/or more restrictive tasks and limitations.

For the reasons described above, this AD retains the requirements of EASA AD 2018-0184, which is superseded, and requires accomplishment of the actions specified in the TLD.

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

Required as indicated, unless accomplished previously:

**Replacement of Life Limited Parts and Repetitive Maintenance Actions:**

- (1) From the effective date of this AD, accomplish the actions as required by paragraphs (1.1) and (1.2) of this AD, as specified in the TLD, as applicable to aeroplane model and depending on aeroplane configuration.

(1.1) Replace each component before exceeding the applicable life limit.

(1.2) Within the thresholds and intervals, accomplish all applicable maintenance tasks.

**Allowed One-time Exceedance of Threshold / Interval:**

- (2) For specific life limited components (LLC) (Section 1-2 of the TLD) and certain Airworthiness limitation (AWL) maintenance tasks (Section 1-3 of the TLD), as listed in Table 1 of this AD, a one-time exceedance (grace period) of the applicable threshold and interval is allowed for aeroplanes that are close to, or have exceeded the applicable threshold and interval as specified in the TLD.

Table 1 – Grace Period for Life Limit Tasks

Section	LLC Item / AWL Task	Compliance Time
1-2	Barrel Part Number (P/N) D60929-10 /-11/- 12/-15/-20 D60930-10 /-11/- 12/-15/-20	Within 6 months after the effective date of this AD without exceeding the previous threshold and interval as specified in TLD Revision 16.
1-2	Aft side isolator P/N 94796-03/-07	
1-3	Task 541002-1	
1-3	Task 541003-1	

**Corrective Action(s):**

- (3) In case of finding discrepancies during accomplishment of any task as required by paragraph (1) of this AD, before next flight, accomplish the applicable corrective action(s) in accordance with the applicable ATR maintenance documentation. If a detected discrepancy cannot be corrected



by using existing ATR instructions, before next flight, contact ATR for approved instructions and accomplish those instructions accordingly.

#### **AMP Revision:**

- (4) Within 12 months after the effective date of this AD, revise the approved AMP by incorporating the limitations, tasks and associated thresholds and intervals described in the TLD, as applicable to aeroplane model and depending on aeroplane configuration.

#### **Credit:**

- (5) If, before the effective date of this AD, the AMP has been revised to incorporate the maintenance tasks and life limitations as specified in a previous TLD revision, that action ensures the continued accomplishment of those tasks and limitations.

Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and/or more restrictive tasks and limitations, as defined in this AD, as applicable to aeroplane model and depending on aeroplane configuration, within the compliance times as specified in the TLD, to comply with paragraph (1) of this AD.

For that AMP, it is acceptable to incorporate the new and/or more restrictive tasks and limitations, as defined in this AD, as applicable to aeroplane model and depending on aeroplane configuration, into the AMP to comply with paragraph (4) of this AD.

#### **Recording AD Compliance:**

- (6) When the AMP of an aeroplane has been revised as required by paragraph (4) or (5) of this AD, as applicable, that action ensures continued accomplishment of the tasks as required by paragraphs (1) and (3) of this AD for that aeroplane. Consequently, after revising the AMP, as required by paragraph (4) or (5) of this AD, as applicable, it is not necessary that accomplishment of individual action is recorded for demonstration of AD compliance on a continued basis.

#### **Ref. Publications:**

ATR72 Time Limit Document Revision 17, approval date 12 December 2019.

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 29 June 2020 as PAD 20-099 for consultation until 27 July 2020. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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](mailto:continued.airworthiness@atr-aircraft.com).

