

 適航指令發布單 Airworthiness Directive Issuance Form			
民航局 AD 編號 AD number	CAA-2017-11-001A	發布日期 Date issued	2017/12/21
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 - Amendments		
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	2017-0223R1	
	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	ATA 05. This AD revises EASA AD 2017-0223(CAA-2017-11-001) dated 10 November 2017. Ref. Publications: ATR72-101/-102/-201/-202/-211/-212/-212A Time Limits Document Revision 15, issued on 02 May 2017.		
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 : 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)2349-6331~3, Fax : (02)2545-8464, e-mail : adcaa@mail.caa.gov.tw			



Airworthiness Directive

AD No.: 2017-0223R1

Issued: 15 December 2017

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

ATR–GIE AVIONS de TRANSPORT REGIONAL

Type/Model designation(s):

ATR 72 aeroplanes

Effective Date: Revision 1: 15 December 2017
Original issue: 24 November 2017

TCDS Number(s): EASA.A.084

Foreign AD: Not applicable

Revision: This AD revises EASA AD 2017-0223 dated 10 November 2017.

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

Manufacturer(s):

ATR-GIE Avions de Transport Régional (formerly EADS ATR – Alenia, Aerospatiale 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.

Reason:

The airworthiness limitations and certification maintenance requirements (CMR) for ATR aeroplanes, which are approved by EASA, are currently defined and published in the ATR72-101/-102/-201/-202/-211/-212/-212A Time Limits (TL) document. These instructions have been identified as mandatory for continued airworthiness.

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

Consequently, ATR published Revision 15 of the ATR72-101/-102/-201/-202/-211/-212/-212A TL document, which contains new and/or more restrictive CMRs and airworthiness limitations tasks.



For the reasons described above, this AD requires accomplishment of the actions specified in the ATR72-101/-102/-201/-202/-211/-212/-212A TL document Revision 15, hereafter referred to as 'the TLD' in this AD.

This AD, in conjunction with two other ADs related to ATR 42-200/-300/-320 (EASA AD 2017-0221) and ATR 42-400/-500 (EASA AD 2017-0222) aeroplanes, retains the requirements of EASA AD 2009-0242 and EASA AD 2012-0193. Once all these three ADs are effective, EASA will cancel EASA AD 2009-0242 and EASA AD 2012-0193.

This AD is revised to provide the correct issue date (02 May 2017) of the TLD. The original AD inadvertently referenced the EASA approval date for that document.

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

Required as indicated, unless accomplished previously:

Replacement of Life Limited Parts and Repetitive Maintenance Actions:

- (1) From 24 November 2017 [the effective date of the original issue of this AD], accomplish the actions as required by paragraph (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) Except as specified in paragraph (2) of this AD, within the thresholds and intervals, accomplish all applicable maintenance tasks.

Allowed One-time Exceedance of Threshold / Interval:

- (2) For specific CMR tasks, as listed in Table 1 and Table 2 of this AD, a one-time exceedance (grace period) of the applicable threshold is allowed for those aeroplanes that are close to, or have exceeded the applicable threshold, as specified in the TLD.

Table 1 – Grace Period for SSI Task

AWL reference	Compliance Time
572402-1	Within 5 000 Flight Hours (FH) since last inspection accomplished through MRBR tasks ZL-520-01-1 and ZL-620-01-1

Table 2 – Grace Period for CMR Tasks

CMR/MSI task	Compliance Time
213100-1	Within 550 FH or 3 months, whichever occurs first after 24 November 2017 [the effective date of the original issue of this AD]
213100-2	
213100-3	

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 maintenance procedures for corrective



action in accordance with the approved ATR maintenance documentation, or contact ATR for approved instructions and accomplish those instructions accordingly.

Aircraft Maintenance Programme (AMP) Revision:

- (4) Within 12 months after 24 November 2017 [the effective date of the original issue of this AD], revise the approved AMP, on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane, by incorporating the limitations, tasks and associated thresholds and intervals described in the TLD, as applicable to the aeroplane model and depending on aeroplane configuration.

Credit:

- (5) For an AMP that, on 24 November 2017 [the effective date of the original issue of this AD], is already updated to incorporate the maintenance tasks and life limitation as specified in ATR72-101/-102/-201/-202/-211/-212/-212A TL document Revision 14, that action ensures (see Note 1 of this AD) the continued accomplishment of those tasks.

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

For that AMP, it is acceptable to incorporate the new and more restrictive tasks and limitations, as applicable to aeroplane model and depending on aeroplane configuration, as defined in the TLD, 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 (see Note 1 of this AD) continued accomplishment of the tasks as required by paragraph (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.

Note 1: For affected ATR 72 aeroplanes registered in Europe, complying with the approved AMP, as specified in paragraph (4) or (5) of this AD, as applicable, is required by Commission Regulation (EU) No [1321/2014](#), Part M.A.301, paragraph 3.

Ref. Publications:

ATR72-101/-102/-201/-202/-211/-212/-212A Time Limits Document Revision 15, issued on 02 May 2017.

The use of later approved revisions of this 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. The original issue of this AD was posted on 09 October 2017 as PAD 17-143 for consultation until 06 November 2017. 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. 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.

