



## Airworthiness Directive

**AD No.:** 2017-0222

**Issued:** 10 November 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 42 aeroplanes

**Effective Date:** 24 November 2017

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

**Foreign AD:** Not applicable

**Supersedure:** None

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

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### Manufacturer(s):

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

### Applicability:

ATR 42-400 and ATR 42-500 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 ATR42-400/-500 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 11 Temporary revision 01 of the ATR42-400/-500 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 ATR42-400/-500 TL document Revision 11 Temporary revision 01, 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 72-101/-102/-201/-202/-211/-212/-212A (EASA AD 2017-0223) 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.

#### 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 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 tasks, as listed in Table 1 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 CMR Tasks

CMR/MSI task	Compliance Time
21.31.00-2A	Within 550 Flight Hours (FH) or 3 months, whichever occurs first after the effective date of this AD
21.31.00-2B	
21.31.00-3A	
21.31.00-3B	

#### 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 actions 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 the effective date 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 the effective date of this AD, is already updated to incorporate the maintenance tasks and life limitation as specified in ATR42-400/-500 TL document Revision 11, 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 limitation, 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 42 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:**

ATR42-400/-500 Time Limits Document Revision 11 Temporary revision 01, issued on 28 September 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. This AD was posted on 09 October 2017 as PAD 17-142 for consultation until 06 November 2017. 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](mailto: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](mailto:continued.airworthiness@atr-aircraft.com).

