



## Airworthiness Directive Cancellation Notice

**AD No.:** 2009-0242-CN

**Issued:** 24 November 2017

Note: This Airworthiness Directive (AD) Cancellation Notice (CN) 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.

### Design Approval Holder's Name:

ATR - GIE AVIONS DE TRANSPORT RÉGIONAL

### Type/Model designation(s):

ATR 42 and ATR 72 series aeroplanes

**Effective Date:** 24 November 2017

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

**Foreign AD:** Not applicable

**Cancellation:** This Notice cancels EASA AD 2009-0242 dated 18 December 2009, which superseded EASA AD 2006-0219R2 dated 05 August 2008.

### **CANCELLED: ATA 05 - Time Limits / Maintenance Checks – Certification Maintenance Requirements and Critical Design Configuration Control Limitations [Fuel Tank Safety]**

#### Manufacturer(s):

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

#### Applicability:

ATR 42-200, ATR 42-300, ATR 42-320, ATR 42-400, ATR 42-500, ATR 72-101, ATR 72-201, ATR 72-102, ATR 72-202, ATR 72-211, ATR 72-212, and ATR 72-212A aeroplanes, all serial numbers.

#### Reason:

Following a policy statement about demonstration of compliance with the certification requirements for prevention of ignition sources inside the fuel tanks of transport category airplanes ATR conducted a safety review of the aircraft fuel tank system against safety requirements of CS 25.901(c) and 25.1309. The assessment showed that it was necessary to introduce specific fuel system related Maintenance Significant Items (MSIs) and Critical Design Configuration Control Limitation (CDCCL) items in order to preserve the fuel tank system ignition source prevention features from any configuration alterations that could occur during maintenance actions, repairs or modifications. Failure to preserve those critical ignition source prevention features could result in a fuel tank explosion.



The Time-Limits document that is appended to the ATR Maintenance Review Board Report (MRBR) is approved by EASA and synthesizes all MSIs, in the form of the systems Certification Maintenance Requirements (CMRs) and Structural Significant Items (SSIs). These instructions have been identified as mandatory actions for continued airworthiness. Failure to comply with the CMRs and SSIs could result in an unsafe condition.

Time-Limits documents at Revision 7 for ATR 42-200/-300/-320, Revision 6 for ATR 42-400/-500 and Revision 8 for ATR 72 were issued to introduce the functional test of fuse adapters (Task 28.10.00-2) - whose installation was mandated by EASA AD 2007-0226 - to extend to 12,5 years (150 months) the interval for the detailed visual inspection of the fuel tanks and associated parts and components thereof (Task 28.10.00-1) and to add the CDCCL section related to the fuel tank safety. Consequently, to ensure the management and control of the Airworthiness Limitations, EASA issued AD 2009-0242 to retain the requirements of AD 2006-0219R2, which was superseded, and clarified the required compliance schedules, without introducing additional technical requirements.

Since that AD was issued, ATR provided new and more restrictive tasks as part of the Time-Limits documents, currently in three documents, each with its specific ATR models applicability. All the previous requirements of AD 2009-0242, as well as the new ones, have now been taken over into EASA AD 2017-0221, AD 2017-0222 and AD 2017-0223.

For the reasons described above, this Notice cancels EASA AD 2009-0242.

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

None.

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

Time-Limits document dated 16 August 2007, Revision 7 for ATR 42-200/-300/-320, Revision 6 for ATR 42-400/-500 and Revision 8 for ATR 72. These documents are part of the appendix A of the Maintenance Review Board Report.

#### **Remarks:**

1. Enquiries regarding this AD-CN should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
2. For any question concerning the technical content of this AD-CN, please contact:  
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