



Airworthiness Directive

AD No.: 2017-0049

Issued: 16 March 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:

EADS-CASA

Type/Model designation(s):

C-212 aeroplanes

Effective Date: 30 March 2017

TCDS Number(s): Spain No. 01-82

Foreign AD: Not applicable

Supersedure: None

ATA 28 – Fuel – Fuel Distribution System / Fuel Tube – Modification

Manufacturer(s):

EADS-CASA; Construcciones Aeronáuticas S.A. (CASA)

Applicability:

C-212-EE aeroplanes, manufacturer serial numbers 472, 474, 475, 478, 480, 481 and 482.

Reason:

A fuel leak was reported which originated from the right hand centre wing area of a C-212 aeroplane. The subsequent investigation determined that leakage was caused by interference between a fuel pipe, Part Number (P/N) 212-54181-0003, and an adjacent bleed duct, P/N 212-73140-0005.

This condition, if not corrected, could lead to fuel leakage in close vicinity to a hot surface, possibly resulting in ignition of fuel vapours and consequent explosion or fire in the wing.

To address this potential unsafe condition, EADS CASA developed an improved geometry fuel pipe and issued Service Bulletin (SB) SB-212-28-0040 to provide modification instructions. Airbus Defence and Space issued Alert Operators Transmission (AOT) AOT-C212-28-0001 to provide additional information.



For the reasons described above, this AD requires modification of the fuel distribution system and actions to ensure a minimum clearance between the affected fuel pipe and the adjacent bleed duct. This AD also prohibits installation of old geometry fuel pipe.

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

Required as indicated, unless accomplished previously:

- (1) Within 12 months after the effective date of this AD, modify the fuel distribution system by replacing the fuel pipe P/N 212-54181-0003 with a serviceable improved geometry fuel pipe in accordance with the instructions of EADS CASA SB-212-28-0040.
- (2) Concurrent with the modification as required by paragraph (1) of this AD, establish a fuel pipe configuration to ensure a minimum clearance, of 12.7 mm or more, between the affected improved geometry fuel pipe and the adjacent bleed duct P/N 212-73140-0005 in accordance with the instructions of EADS CASA SB-212-28-0040.
- (3) From the effective date of this AD, do not install a fuel pipe P/N 212-54181-0003 on an aeroplane.

Ref. Publications:

EADS CASA SB-212-28-0040 original issue, dated 21 May 2014.

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 13 February 2017 as PAD 17-022 for consultation until 13 March 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.
4. For any question concerning the technical content of the requirements in this AD, please contact:
EADS CASA (Airbus Military)
Services / Engineering Support
Fax: +34 91 585 3127
e-mail: MTA.TechnicalService@airbus.com.

For US operators, contact alternatively:

e-mail: TechnicalSupport@airbusmilitaryna.com.

