



Airworthiness Directive

AD No.: 2018-0051

Issued: 02 March 2018

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: 07 March 2018

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

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2017-0036 dated 21 February 2017.

ATA 27 – Flight Controls – Rudder Pedal Control System – Modification

Manufacturer(s):

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

Applicability:

C-212-CB, C-212-CC, C-212-CD, C-212-CE, C-212-DD, C-212-DF and C-212-EE aeroplanes, manufacturer serial numbers as specified in the AOT, except aeroplanes modified in accordance with the instructions of the SB.

Definitions:

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

The SB: EADS-CASA Service Bulletin (SB) SB-212-27-0057.

The AOT: Airbus Defence & Space (D&S) AOT-C212-27-0002.

Affected part(s): Rudder pedal support box Part Number (P/N) 212-46195.1 and shaft P/N 212-46120-20, as applicable to aeroplane configuration.

Reason:

Failures were reported of the rudder pedal control system support on CASA C-212 aeroplanes. Subsequent investigation revealed that the welding area of the affected support structure had broken.



This condition, if not corrected, could lead to failure of the rudder control system, possibly resulting in reduced control of the aeroplane.

To address this potential unsafe condition, EADS-CASA issued the SB to provide modification instructions and EASA issued AD 2017-0036 to require that modification. During accomplishment of that modification, several operators reported difficulties or impossibility to follow the accomplishment instruction. Consequently, EASA and Airbus D&S reviewed the difficulty reports and decided that the modification instructions have to be improved.

Pending the improvement of the instructions of the SB and in order to reduce the risk of failure of the pedal adjustment system to an acceptable level, Airbus D&S issued the inspection AOT to provide instructions to repetitively inspect the affected parts.

For the reasons described above, this AD cancels the requirements of EASA AD 2017-0036, which is superseded, and requires repetitive inspections of the rudder pedal adjustment system and, depending on findings, accomplishment of applicable corrective action(s).

This AD is considered to be an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Within 3 months or during the next scheduled "A check" maintenance, whichever occurs first after the effective date of this AD, and, thereafter, at intervals not to exceed 150 flight hours, inspect each affected part in accordance with the instructions of the AOT.

Corrective Action(s):

- (2) If, during any inspection as required by paragraph (1) of this AD, any discrepancy is detected, as defined in the AOT, before next flight, contact Airbus D&S for approved repair instructions and accomplish those instructions accordingly.

Terminating Action:

- (3) Accomplishment of a repair, as required by paragraph (2) of this AD, does not constitute terminating action for repetitive inspections as required by paragraph (1) of this AD.

Parts Installation:

- (4) From the effective date of this AD, it is allowed to install an affected part on an aeroplane, provided it is a new part, or that, before installation, the part has passed an inspection (no defect detected) in accordance with the instructions of the AOT.

Ref. Publications:

Airbus D&S AOT-C212-27-0002 original issue dated 28 February 2018.

EADS-CASA SB SB-212-27-0057 original issue dated 21 May 2014.



The use of later approved revisions of above-mentioned documents 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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
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@military.airbus.com.

For North American operators, contact E-mail: TechnicalSupport@airbusmilitaryna.com.

