



Airworthiness Directive

AD No.: 2020-0182

Issued: 13 August 2020

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 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 (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS DEFENCE & SPACE S.A.

Type/Model designation(s):

C-212 aeroplanes

Effective Date: 27 August 2020

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

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Fuselage – Centre Wing Fairings / Frame 5 – Inspection

Manufacturer(s):

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

Applicability:

C-212-CB, C-212-CC, C-212-CD, C-212-CE, C-212-CF, C-212-DD, C-212-DF, C-212-VA, C-212-DE and C-212-EE aeroplanes, all manufacturer serial numbers (MSN), except those which, before the effective date of this AD, have been repaired in the affected area, as defined in this AD, in accordance with the instructions of an Airbus Defence & Space (D&S) Repair Design and Approval Sheet (RDAS).

Definitions:

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

The AOT: Airbus D&S Alert Operators Transmission (AOT) AOT-C212-53-0001 Revision 1.

The SB: EADS-CASA Service Bulletin (SB) SB-212-53-0054C original issue.

The affected area: Centre wing fairings at frame (FR) 5, around the wing leading edge, left-hand (LH) and right-hand (RH) sides.



Reason:

Cracks were found on the fuselage skin of C-212 aeroplanes, and on FR 5 underneath the skin, near the leading edge of the wing, on both LH and RH sides.

This condition, if not detected and corrected, could affect the structural integrity of the aeroplane.

To address this potential unsafe condition, EADS-CASA issued the SB to provide instructions for a one-time detailed visual inspection (DVI) of the affected area. Subsequently, Airbus D&S issued AOT-C212-53-0001 original issue to provide instructions for repetitive DVI of the affected area. Prompted by finding cracks earlier than expected, this AOT was recently revised to reduce the inspection thresholds and intervals.

For the reason described above, this AD requires repetitive DVI of the affected area and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Within the compliance times as specified in Table 1 of this AD, and, thereafter, at intervals not to exceed 1 750 flight hours (FH) or 1 750 flight cycles (FC), whichever occurs first, accomplish a DVI of the affected area in accordance with the instructions of the AOT.

Table 1 – Initial DVI

Aeroplane Inspection Status / Accumulated FH and FC (since aeroplane first flight)	Compliance Time (FH or FC, whichever occurs first)
Not previously inspected / less than 7 000 FH and 7 000 FC	Before exceeding 7 050 FH or 7 050 FC since aeroplane first flight
Not previously inspected / 7 000 FH or 7 000 FC, or more	Within 50 FH or 50 FC after the effective date of this AD
Previously inspected / any number of FH and FC	Within 1 750 FH or 1 750 FC since the last inspection in accordance with the SB or the AOT at original issue, as applicable

Corrective Action(s):

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

Credit:

- (3) Inspection(s) and corrective action(s), accomplished on an aeroplane before the effective date of this AD in accordance with the instructions of the SB or the AOT at original issue, are acceptable to comply with the initial requirements of paragraphs (1) and (2) of this AD for that aeroplane.



Terminating Action:

(4) None

Ref. Publications:

Airbus D&S AOT-C212-53-0001 original issue dated 07 August 2019 or Revision 1 dated 30 January 2020.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

EADS-CASA SB-212-53-0054C original issue dated 05 November 2018.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 14 July 2020 as PAD 20-111 for consultation until 11 August 2020. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: Airbus Defence & Space Services / Engineering Support; Fax: +34 91 585 3127; E-mail: MTA.TechnicalService@airbus.com.

For US operators, contact alternatively: E-mail: TechnicalSupport@airbusmilitaryna.com.

