

Airworthiness Directive

AD No.: 2022-0111

Issued: 15 June 2022

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, or Annex Vb Part ML.A.301, as applicable, 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 Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS S.A.S.

Type/Model designation(s):

A319, A320 and A321 aeroplanes

Effective Date: 29 June 2022

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2019-0233 dated 18 September 2019, including its Correction dated 19 September 2019.

ATA 57 – Wings – Overwing Panel / Lug Attachment – Inspection

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A319-115, A320-214, A320-216, A320-232, A320-251N, A320-271N, A321-211, A321-231, A321-251N, A321-251NX, A321-252NX, A321-253N, A321-253NX, A321-271N, A321-271NX and A321-272N aeroplanes, manufacturer serial numbers (MSN) as listed in Appendix 1 of this AD.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A320-57-1234 and SB A320-57-1235, as applicable.

The AOT: Airbus Alert Operators Transmission (AOT) A57N012-19 Revision 01.

Affected areas: Overwing panel lug attachment points A and B on both left-hand and right-hand wings, as defined in the SB or the AOT, as applicable.

Groups: Group 1 and Group 2 aeroplanes are those defined by MSN in Appendix 1 of this AD.

Reason:

Incomplete installations of the overwing panel lug attachments were detected during inspections before aeroplane delivery. Investigation results determined that a process change on the production line had led to those incomplete installations.

This condition, if not detected and corrected, could reduce the structural integrity of the wing.

To address this potential unsafe condition, Airbus established a list of potentially affected MSN and published AOT A57N012-19 (later revised) to provide instructions for inspection and corrective actions, and EASA issued AD 2019-0233 to require those actions on the aeroplane MSN identified in the AOT (Group 1).

Since that AD was issued, Airbus identified an additional population of affected aeroplane MSN (Group 2) and issued the SB, as defined in this AD, to provide inspection and corrective action instructions.

For the reasons described above, this AD retains the requirements of EASA AD 2019-0233, which is superseded, and requires, for Group 2 aeroplanes, a one-time detailed inspection (DET) of the affected areas, 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) For Group 1 aeroplanes: Within 3 months after 02 October 2019 [the effective date of EASA AD 2019-0233], accomplish a DET of each affected area in accordance with the instructions of paragraph 4.2.2. of the AOT.
- (2) For Group 2 aeroplanes: Before exceeding 14 000 flight hours or 7 000 flight cycles, whichever occurs first since aeroplane first flight, accomplish a DET of the affected areas in accordance with the instructions of the SB.

Corrective Action(s):

- (3) For Group 1 aeroplanes: If, during the DET as required by paragraph (1) of this AD, a missing cotter pin is detected in an affected area, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the AOT.
- (4) For Group 1 aeroplanes: If, during the DET as required by paragraph (1) of this AD, a missing bolt or nut is detected in an affected area, before next flight, accomplish a DET of that affected area in accordance with the instructions of paragraph 4.2.3. of the AOT.
- (5) For Group 1 and Group 2 aeroplanes: If, during the DET as required by paragraph (2) or (4) of this AD, any discrepancy is detected, before next flight, accomplish the applicable corrective actions in accordance with the instructions of the AOT or the SB, as applicable, or contact Airbus for approved instructions and, within the compliance time identified therein, accomplish those instructions accordingly.



Credit:

- (6) For Group 1 aeroplanes: Inspections and corrective actions on an aeroplane, accomplished before 02 October 2019 [the effective date of EASA AD 2019-0233] in accordance with the instructions of the AOT at original issue, are acceptable for compliance with the initial requirements of paragraphs (1), (3), (4) and (5) of this AD, as applicable, for that aeroplane.

Reporting:

- (7) For Group 2 aeroplanes: Within 90 days after accomplishment of the DET as required by paragraph (2) of this AD, or after the effective date of this AD, whichever occurs later, report the results, including no findings, to Airbus.

Ref. Publications:

Airbus AOT A57N012-19 original issue dated 20 March 2019, or Revision 01 dated 18 April 2019.

Airbus SB A320-57-1234 original issue dated 13 December 2021.

Airbus SB A320-57-1235 original issue dated 13 December 2021.

The use of later approved revisions of the 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. This AD was posted on 11 May 2022 as PAD 22-054 for consultation until 08 June 2022. 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. 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 S.A.S. – Airworthiness Office – IIASA;
E-mail: account.airworth-eas@airbus.com.



Appendix 1: Aeroplane Groups

Group	MSN
1	7181, 7530, 7544, 7548, 7598, 7610, 7634, 7669, 7757, 7811, 7849, 7851, 7853, 7858, 7862, 7871, 7875, 7895, 7918, 7920, 7934, 7936, 7941, 7945, 7952, 7963, 7964, 7968, 7977, 7980, 7986, 7987, 7992, 7995, 7996, 8000, 8008, 8014-8017 inclusive, 8023, 8026-8029 inclusive, 8031, 8032, 8034, 8036, 8038-8047 inclusive, 8049-8058 inclusive, 8060-8063 inclusive, 8065, 8067-8069 inclusive, 8071-8090 inclusive, 8092-8139 inclusive, 8141-8171 inclusive, 8173-8221 inclusive, 8223-8256 inclusive, 8258-8270 inclusive, 8272-8276 inclusive, 8278-8288 inclusive, 8290-8378 inclusive, 8380-8420 inclusive, 8422-8438 inclusive, 8440-8444 inclusive, 8446-8468 inclusive, 8470-8482 inclusive, 8484-8494 inclusive, 8496-8500 inclusive, 8502-8507 inclusive, 8509-8530 inclusive, 8532-8546 inclusive, 8548-8582 inclusive, 8584-8586 inclusive, 8589-8592 inclusive, 8594, 8595, 8598-8601 inclusive, 8604-8609 inclusive, 8611, 8613-8617 inclusive, 8619-8628 inclusive, 8630, 8632, 8634, 8636, 8639-8643 inclusive, 8646, 8648, 8650, 8652, 8654, 8656-8659 inclusive, 8661-8665 inclusive, 8667-8673 inclusive, 8675-8677 inclusive, 8679-8682 inclusive, 8684-8690 inclusive, 8692, 8694, 8695, 8700, 8702, 8705, 8717 and 8726.
2	8172, 8603, 8666, 8706, 8727, 8732, 8734, 8735, 8740, 8741, 8748, 8750, 8753, 8755, 8757, 8758, 8762, 8768, 8769, 8773, 8774, 8776, 8780, 8781, 8783, 8787, 8788, 8790, 8791, 8794, 8796, 8797, 8799, 8802-8804 inclusive, 8813, 8814, 8816, 8819-8826 inclusive, 8829-8832 inclusive, 8834, 8836, 8837, 8839, 8840, 8843, 8844, 8846, 8848, 8849, 8851-8854 inclusive, 8863, 8864, 8866, 8867, 8869, 8870, 8872, 8875, 8876, 8878, 8879, 8881, 8882, 8884, 8886, 8887, 8889, 8890, 8892, 8893, 8895, 8897, 8900, 8901, 8903, 8904, 8906, 8908-8911 inclusive, 8918, 8919, 8924, 8926, 8927, 8929, 8930, 8933-8943 inclusive, 8945, 8948-8952 inclusive, 8955, 8957, 8958, 8961, 8962, 8964, 8966, 8969, 8972, 8982, 8985, 8987, 8989, 8995-8998 inclusive, 9015, 9043, 9049, 9057, 9062, 9071, 9074 and 9089.

