



適航指令發布單
Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2022-06-010A	發布日期 Date issued	2023/8/2												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A319-115, A320-214, A320-216, A320-232, A320-251N, A320-271N, A321-211, A321-213, 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.														
主旨摘要 Subject	Wings - Overwing Panel / Lug Attachment - Inspection														
民航局 CAA <input type="checkbox"/> 本國產品 Native product <input type="checkbox"/> 其他個案 Other	<div style="text-align: center;">設計國民航主管機構 Original Authority</div> <table style="width: 100%;"><tr><td><input type="checkbox"/> FAA</td><td><input type="checkbox"/> Germany LBA</td></tr><tr><td><input checked="" type="checkbox"/> EASA</td><td><input type="checkbox"/> CAA-NL</td></tr><tr><td><input type="checkbox"/> Brazil</td><td><input type="checkbox"/> UK CAA</td></tr><tr><td><input type="checkbox"/> Transport Canada Civil Aviation</td><td><input type="checkbox"/> Japan CAB</td></tr><tr><td><input type="checkbox"/> DGAC</td><td><input type="checkbox"/> CAA of Israel</td></tr><tr><td colspan="2"><input type="checkbox"/> Other _____</td></tr></table>			<input type="checkbox"/> FAA	<input type="checkbox"/> Germany LBA	<input checked="" type="checkbox"/> EASA	<input type="checkbox"/> CAA-NL	<input type="checkbox"/> Brazil	<input type="checkbox"/> UK CAA	<input type="checkbox"/> Transport Canada Civil Aviation	<input type="checkbox"/> Japan CAB	<input type="checkbox"/> DGAC	<input type="checkbox"/> CAA of Israel	<input type="checkbox"/> Other _____	
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<input type="checkbox"/> Other _____															
	設計國 AD 編號 Original AD number	2022-0111R1													
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)														
備註 Note	This AD revises EASA AD 2022-0111(CAA-2022-06-010) dated 15 June 2022, which superseded EASA AD 2019-0233 dated 18 September 2019, including its Correction dated 19 September 2019.														
<div>註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, e-mail： adcaa@mail.caa.gov.tw</div> <div>Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6330 / 6332, Fax： (02)2545-8464, e-mail：adcaa@mail.caa.gov.tw</div>															



Airworthiness Directive

AD No.: 2022-0111R1

Issued: 26 July 2023

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: Revision 1: 02 August 2023
Original issue: 29 June 2022

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Revision: This AD revises EASA AD 2022-0111 dated 15 June 2022, which superseded 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, A321-213, 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 MSNs 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 MSNs 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. Consequently, EASA issued AD 2022-0111, retaining the requirements of EASA AD 2019-0233, which was superseded, and required, for Group 2 aeroplanes, a one-time detailed inspection (DET) of the affected areas, and, depending on findings, accomplishment of applicable corrective action(s).

After this AD was issued, some reports highlighted the omission in the Applicability of the A321-213 model, whereas the MSNs relevant to this model were correctly listed in Appendix 1 of AD 2022-0111 (among Group 1 aeroplanes).

Consequently, this AD is revised to include the A321-213 aeroplane model into Applicability.

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 within 90 days after 29 June 2022 [the effective date of the original issue 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. The original issue of 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 – 1IASA;
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.

