



## 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2023-07-007	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 A320-214, A320-216, A320-251N, A320-271N and A321-253NX aeroplanes, manufacturer serial numbers 8781, 8998, 9015, 9036, 9049, 9068, 9077, 9130, 9175, 9197, 9200, 9211, 9216, 9246, 9252, 9253, 9254, 9264, 9273, 9287, 9300, 9306, 9313, 9316, 9317, 9328, 9329, 9331, 9332, 9341, 9343, 9354, 9358, 9363, 9373, 9378, 9384, 9391, 9394, 9428, 9431, 9439, 9446, 9453, 9454, 9457, 9465, 9473, 9482, 9526, 9559, 9574, 9590, 9595, 10019 and 10044.		
主旨摘要 Subject	Fuselage - Cargo Door Frame Attachment Drillings - Inspection		
民航局 CAA <input type="checkbox"/> 本國產品 Native product <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authority <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 _____		
	設計國 AD 編號 Original AD number	2023-0153	
	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	ATA 53. Ref. Publications: Airbus SB A320-53-1493 original issue dated 21 March 2023. and Airbus SB A320-53-1494 original issue dated 21 March 2023.		
註： Note：	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： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> 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： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>		

## Airworthiness Directive

**AD No.:** 2023-0153

**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):**

A320 and A321 aeroplanes

**Effective Date:** 09 August 2023

**TCDS Number(s):** EASA.A.064

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 53 – Fuselage – Cargo Door Frame Attachment Drillings – Inspection

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**Manufacturer(s):**

Airbus, formerly Airbus Industrie

**Applicability:**

Airbus A320-214, A320-216, A320-251N, A320-271N and A321-253NX aeroplanes, manufacturer serial numbers 8781, 8998, 9015, 9036, 9049, 9068, 9077, 9130, 9175, 9197, 9200, 9211, 9216, 9246, 9252, 9253, 9254, 9264, 9273, 9287, 9300, 9306, 9313, 9316, 9317, 9328, 9329, 9331, 9332, 9341, 9343, 9354, 9358, 9363, 9373, 9378, 9384, 9391, 9394, 9428, 9431, 9439, 9446, 9453, 9454, 9457, 9465, 9473, 9482, 9526, 9559, 9574, 9590, 9595, 10019 and 10044.

**Definitions:**

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

**The SB:** Airbus Service Bulletin (SB) A320-53-1493 or SB A320-53-1494, as applicable.

**Affected area:** Zones as identified in the SB.

**Reason:**

Following a quality review of the cargo door frame-to-fuselage skin panel assembly on the final assembly line, several drillings were identified as deviating from manufacturing requirements, creating oversized holes.



This condition, if not detected and corrected, could lead to reduced structural integrity of the fuselage.

To address this potential unsafe condition, Airbus issued the SB, providing inspection instructions.

For the reason described above, this AD requires repetitive special detailed inspections (SDI) 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) Before exceeding 41 800 flight hours (FH) or 20 900 flight cycles (FC), whichever occurs first since first flight of the aeroplane, and, thereafter, at intervals not exceeding 88 200 FH or 44 100 FC, whichever occurs first, accomplish an SDI of the affected area in accordance with the instructions of the SB.

#### **Corrective Action(s):**

- (2) If, during any SDI as required by paragraph (1) of this AD, any discrepancy is detected, as defined in the SB, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the SB.

#### **Credit:**

- (3) For aeroplanes covered by Airbus concessions and/or repaired before the effective date of this AD in accordance with approved Airbus repair instructions, no action is required by this AD unless specified otherwise in the approved instructions provided by Airbus.

#### **Terminating Action:**

- (4) Repair of an aeroplane as required by paragraph (2) of this AD does not constitute terminating action for the repetitive inspections as required by paragraph (1) of this AD for that aeroplane, unless specified otherwise in the approved Airbus repair instructions.

#### **Ref. Publications:**

Airbus SB A320-53-1493 original issue dated 21 March 2023.

Airbus SB A320-53-1494 original issue dated 21 March 2023.

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 16 June 2023 as PAD 23 as PAD 23-076 for consultation until 14 July 2023. The Comment Response Document can be found in the [EASA Safety Publications Tool](#), in the compressed (zipped) file attached to the record for this AD.



3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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 – Airworthiness Office – 1IASA; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).

