



適航指令發布單

Airworthiness Directive Issuance Form

民航局AD編號 AD number	CAA-2024-05-011	發布日期 Date issued	2024/06/07												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 aeroplanes, all manufacturer serial numbers except those on which: - Airbus modification (mod) 160001 was embodied in production or SB A320-57-1193 was embodied in service; and/or - Airbus mod 28238, mod 28162 and mod 28342 were embodied in production.														
主旨摘要 Subject	Fuselage - Potable and Waste Water Service Panels - Modification														
民航局 CAA <input type="radio"/> 本國產品 Native product <input type="radio"/> 其他個案 Other	設計國民航主管機構 Original Authority <table><tr><td><input type="radio"/> FAA</td><td><input type="radio"/> Germany LBA</td></tr><tr><td><input checked="" type="radio"/> EASA</td><td><input type="radio"/> CAA-NL</td></tr><tr><td><input type="radio"/> Brazil</td><td><input type="radio"/> UK CAA</td></tr><tr><td><input type="radio"/> Transport Canada Civil Aviation</td><td><input type="radio"/> Japan CAB</td></tr><tr><td><input type="radio"/> DGAC</td><td><input type="radio"/> CAA of Israel</td></tr><tr><td></td><td><input type="radio"/> Other_____</td></tr></table>			<input type="radio"/> FAA	<input type="radio"/> Germany LBA	<input checked="" type="radio"/> EASA	<input type="radio"/> CAA-NL	<input type="radio"/> Brazil	<input type="radio"/> UK CAA	<input type="radio"/> Transport Canada Civil Aviation	<input type="radio"/> Japan CAB	<input type="radio"/> DGAC	<input type="radio"/> CAA of Israel		<input type="radio"/> Other_____
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<input type="radio"/> DGAC	<input type="radio"/> CAA of Israel														
	<input type="radio"/> Other_____														
	設計國AD編號 Original AD number	2024-0105													
	1. 直接採用原AD之內容? (Is the original AD directly adopted?) <input checked="" type="radio"/> 是(Yes) <input type="radio"/> 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="radio"/> 需要(Yes) <input checked="" type="radio"/> 不需要(No)														
備註 Note	ATA 53. Ref. Publications: Airbus SB A320-53-1517 original issue dated 12 December 2023.														

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, adcaa@mail.caa.gov.tw

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, adcaa@mail.caa.gov.tw



Airworthiness Directive

AD No.: 2024-0105

Issued: 30 May 2024

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 aeroplanes

Effective Date: 13 June 2024

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Fuselage – Potable and Waste Water Service Panels – Modification

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 aeroplanes, all manufacturer serial numbers except those on which:

- Airbus modification (mod) 160001 was embodied in production or SB A320-57-1193 was embodied in service;

and/or

- Airbus mod 28238, mod 28162 and mod 28342 were embodied in production.

Definitions:

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

Affected areas: Potable water panel at stringer (STR) 43 between frame (FR) 65 and FR66 and waste water panel at STR40 between FR65 and FR66.

The SB: Airbus Service Bulletin (SB) A320-53-1517.



Reason:

During the Widespread Fatigue Damage (WFD) scenario review in the frame of the Airbus Extra Long Range (XLR) certification, it has been identified that some previous findings of the Full Scale Fatigue Test in WFD areas were not properly correlated. The WFD criteria in terms of number of findings per location and end-of-test demonstrated life have to be assessed accordingly. Several cracks found around the potable and waste water service panels (WFD areas) shall be considered as WFD instead of typical fatigue findings and, therefore, WFD fatigue calculations must be updated accordingly.

This condition, if not corrected could affect the structural integrity of the fuselage.

To address this potential unsafe condition, Airbus issued the SB to provide modification instructions.

For the reason described above, this AD requires accomplishment of the modification.

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Modification:

- (1) Before exceeding 56 800 flight cycles (FC) since aeroplane first flight, accomplish the modification of each affected area, as applicable, in accordance with the instructions of the SB.

Note 1: The SB requires, as one of the steps of the modification, an inspection and potential corrective action, depending on the findings.

ALI Tasks Supersedure:

- (2) Accomplishment of the modification on an aeroplane as required by paragraph (1) of this AD, supersedes ALI tasks 534141-02-2 or 534142-02-1, as applicable, for that aeroplane, unless specified otherwise in the instructions provided by Airbus in case of findings (see Note 1 of the AD).

Ref. Publications:

Airbus SB A320-53-1517 original issue dated 12 December 2023.

The use of later approved revisions of the above-mentioned document 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 25 April 2024 as PAD 24-046 for consultation until 23 May 2024. 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.
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.

