



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局AD編號 AD number	CAA-2020-05-004A取消	發布日期 Date issued	2024/09/06												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers.														
主旨摘要 Subject	CANCELLED: Oxygen - Oxygen Supply Solenoid Valve - Inspection / Replacement														
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_____
<input type="radio"/> FAA	<input type="radio"/> Germany LBA														
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<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_____														
	設計國AD編號 Original AD number	2020-0104R1-CN													
	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	This AD-CN cancels EASA AD 2020-0104R1(CAA-2020-05-004A) dated 28 January 2021.														

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](mailto: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 Aviation Administration on Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, [adcaa@mail.caa.gov.tw](mailto:adcaa@mail.caa.gov.tw)



## Airworthiness Directive Cancellation Notice

**AD No.:** 2020-0104R1-CN

**Issued:** 30 August 2024

Note: This Airworthiness Directive (AD) Cancellation Notice (CN) 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.

**Design Approval Holder's Name:**

AIRBUS S.A.S.

**Type/Model designation(s):**

A318, A319, A320 and A321 aeroplanes

**Effective Date:** 30 August 2024

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

**Foreign AD:** Not applicable

**Cancellation:** This AD-CN cancels EASA AD 2020-0104R1 dated 28 January 2021.

### ATA 35 – CANCELLED: Oxygen – Oxygen Supply Solenoid Valve – Inspection / Replacement

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**Manufacturer(s):**

Airbus, formerly Airbus Industrie

**Applicability:**

Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers.

**Definitions:**

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

**The SB:** Airbus Service Bulletin (SB) A320-35-1096.

**Affected part:** Solenoid valves (SV), having Part Number (P/N) DVE90-06 or P/N DVE90-07, and having a year of manufacture up to 2016 inclusive, or for which the manufacturing year cannot be identified; except those that have been overhauled after 2016 in accordance with the instructions of the applicable Component Maintenance Manual; except those that passed an inspection in accordance with the instructions of Zodiac Aerospace Services SB DVE90-35-348 Revision 01 or Revision 02; and except those that passed a flow test (no defects found) in accordance with the instructions of the SB.



**Serviceable part:** A SV which is not an affected part.

**Oxygen masks:** Captain, first officer and third occupant cockpit crew oxygen masks.

**Reason:**

Investigations conducted by the SV manufacturer revealed that affected parts, intended for installation on the crew oxygen system to shut off the oxygen supply, can be a potential source of increased flow resistance within the crew oxygen system.

This condition, if not detected and corrected, could lead to a reduced flow of oxygen supply to cockpit crew oxygen masks, which, in combination with in-flight depressurization, smoke in cockpit or smoke evacuation procedure, may lead to cockpit crew hypoxia and loss of useful consciousness, possibly resulting in loss of control of the aeroplane.

To address this potential unsafe condition, Airbus issued the SB to provide inspection instructions, and EASA issued 2020-0104, which was later revised, to require a one-time special detailed inspection of each affected part and, depending on findings, replacement with a serviceable part.

Since 2020-0104R1 was issued, no findings were reported further to the one-time inspection mandated by the AD. In addition, a repetitive inspection of the SV was introduced in the Maintenance Review Board Report, revision 26, dated November 2023. Therefore, it has been determined that the one-time inspection is not needed anymore.

For the reason described above, this Notice cancels EASA AD 2020-0104R1.

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

None.

**Ref. Publications:**

Airbus SB A320-35-1096 original issue dated 18 September 2019.

Zodiac Aerospace Services SB DVE90-35-348 Revision 1 dated 04 October 2019 and Revision 02 dated 08 January 2020.

**Remarks:**

1. This AD-CN was posted on 29 July 2024 as PAD 24-097-CN for consultation until 26 August 2024. No comments were received during the consultation period.
2. Enquiries regarding this AD-CN should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical content of this AD-CN, please contact: AIRBUS – Airworthiness Office – 1IASA; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).

