



Notification of a Proposal to Cancel an Airworthiness Directive

PAD No.: 24-097-CN

Issued: 29 July 2024

Note: This Proposed Airworthiness Directive (PAD) 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.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the cancellation of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.
All interested persons may send their comments, referencing the PAD-CN Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

AIRBUS S.A.S.

Type/Model designation(s):

A318, A319, A320 and A321 aeroplanes

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Cancellation: This PAD-CN proposes to cancel EASA AD 2020-0104R1 dated 28 January 2021.

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

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 PAD-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 is considered that this one-time inspection is not needed anymore.

For the reason described above, EASA AD 2020-0104R1 is no longer necessary and this Notice proposes its cancellation.

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 Proposed PAD-CN will be closed for consultation on 26 August 2024.
2. Enquiries regarding this PAD-CN should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. For any question concerning the technical content of this PAD-CN, please contact: AIRBUS – Airworthiness Office – 1IASA; E-mail: account.airworth-eas@airbus.com.

