

Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 23-029

Issued: 01 March 2023

Note: This Proposed Airworthiness Directive (PAD) 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 issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD 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, A321, A330, and A340 aeroplanes

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

TCDS Number(s): EASA.A.064, EASA.A.004 and EASA.A.015

Foreign AD: Not applicable

Supersedure: None

ATA 35 – Oxygen – SafeLav Gaseous Oxygen Container – 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, A319-151N, A319-153N, A319-171N, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A320-251N, A320-252N, A320-253N, A320-271N, A320-272N, A320-273N, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232, A321-251N, A321-251NX, A321-252N, A321-252NX, A321-253N, A321-253NX, A321-271N, A321-271NX, A321-272N and A321-272NX aeroplanes, all manufacturer serial numbers (MSN); and

Airbus A330-201, A330-202, A330-203, A330-223, A330-223F, A330-243, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343, A330-841 and A330-941 aeroplanes, all MSN; and

Airbus A340-211, A340-212, A340-213, A340-311, A340-312, A340-313, A340-541, A340-542, A340-642 and A340-643 aeroplanes, all MSN.

Definitions:

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

The AOT: Airbus Alert Operators Transmission (AOT) A35N017-22 Revision 02 (for A318, A319, A320 and A321 aeroplanes) and AOT A35L018-22 Revision 02 (for A330 and A340 aeroplanes), as applicable.

Affected part: SafeLav gaseous oxygen container (SLGOC) having Part Number (P/N) and serial number (s/n) as listed in Appendix 1 of this AD.

Serviceable part: SLGOC which is not an affected part.

Aeroplane date of manufacture: The date of transfer of title (ownership) of the aeroplane upon delivery by Airbus to the first operator, which is referenced in Airbus documentation.

Groups: Group 1 aeroplanes are those that have an affected part installed.

Note 1: A318, A319, A320 and A321 aeroplanes having Airbus modification (mod) 155409 or mod 155338, and A330 and A340 aeroplanes having mod 203608, 203609 or mod 205507, embodied in production are known to have an affected part installed.

Group 2 aeroplanes are those that do not have an affected part installed.

Reason:

A production deficiency of some SLGOC batches was identified during production testing of newly manufactured oxygen containers. Subsequent investigation identified missing heat treatment of the actuation pin of the SLGOC, which could cause its jamming, with consequent failure of oxygen flow activation.

This condition, if not corrected, could prevent supplemental oxygen supply in case of decompression in the cabin/lavatory, possibly resulting in injury to lavatory occupants.

To address this potential unsafe condition, Airbus issued the AOT, as defined in this AD, to provide instructions to identify and replace each affected part with a serviceable part.

For the reasons described above, this AD requires removal from service of each affected part. This AD also prohibits installation of an affected part on any aeroplane.

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

Required as indicated, unless accomplished previously:

Replacement:

(1) For Group 1 aeroplanes: Within 8 months after the effective date of this AD, replace each affected part with a serviceable part, as defined in this AD, in accordance with the instructions of the AOT.



Credit:

- (2) Replacement of each affected part with a serviceable part, before the effective date of this AD, in accordance with the instructions of original issue or Revision 1 of Airbus AOT A35N017-22 or Airbus AOT A35L018-22, as applicable, is an acceptable method to comply with the requirement of paragraph (1) of this AD.

Part(s) Installation:

- (3) For Group 1 and Group 2 aeroplanes: From the effective date of this AD, do not install an affected part on any aeroplane.

Ref. Publications:

Airbus AOT A35N017-22 original issue dated 29 November 2022, or Revision 01 dated 19 January 2023, or Revision 02 dated 14 February 2023.

Airbus AOT A35L018-22 original issue dated 29 November 2022, or Revision 01 dated 19 January 2023, or Revision 02 dated 14 February 2023.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 29 March 2023.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, 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 PAD 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.
4. For any question concerning the technical content of the requirements in this PAD please contact AIRBUS S.A.S., as applicable, as specified below:
1IASA Airworthiness Office E-mail: account.airworth-eas@airbus.com;
1IAL Airworthiness Office E-mail: airworthiness.A330-A340@airbus.com.



Appendix 1
List of Affected Parts (P/N and s/n)

22G15-0400 Series

P/N	s/n	P/N	s/n	P/N	s/n
22G150150920400	A9FBA9001	22G150150460400	A9F8FF002	22G150150700400	A9FED6014
22G150150460400	A9F7C1001	22G150150320400	A9FA2A001	22G150150700400	A9FED6011
22G150150460400	A9F759001	22G150150460400	A9F9BC020	22G150150700400	A9FED6008
22G150150460400	A9F7C1002	22G150150460400	A9F95A002	22G150150700400	A9FED6006
22G150150460400	A9F7C1003	22G150150460400	A9F8FF001	22G150150700400	A9FED6010
22G150150460400	A9F759002	22G150150320400	A9FA2A003	22G150150460400	A9FED4004
22G150150460400	A9F759003	22G150150460400	A9F9BC018	22G150150460400	A9FED4002
22G150150920400	A9FBAA001	22G150150320400	A9F9C5002	22G150150460400	A9FED4005
22G150150920400	A9FBAA003	22G150150460400	A9F9C9001	22G150150460400	A9FED4007
22G150150920400	A9FBAA002	22G150150460400	A9F9BC019	22G150150460400	A9FED4006
22G150150460400	A9F7C1005	22G150150460400	A9F9C6002	22G150150700400	A9FED6019
22G150150460400	A9F7C1004	22G150150460400	A9F95A001	22G150150700400	A9FED6020
22G150150320400	A9F758001	22G150150460400	A9F9C9002	22G150150460400	A9FED4003
22G150150460400	A9F723001	22G150150320400	A9FA2A005	22G150150700400	A9FED6018
22G150150460400	A9F7A4001	22G150150460400	A9FAD0002	22G150150460400	A9FED4001
22G150150320400	A9F758002	22G150150460400	A9FDDB003	22G150150460400	A9FED4008
22G150150460400	A9F7A4002	22G150150460400	A9FAD0001	22G150150460400	A9FED4009
22G150150460400	A9F7A4003	22G150150460400	A9FB4C002	22G150150700400	A9FEC4001
22G150150460400	A9F723002	22G150150460400	A9FDDB005	22G150150700400	A9FEC4002
22G150150460400	A9F723004	22G150150460400	A9FDDB001	22G150150700400	A9FEC4006
22G150150460400	A9F723005	22G150150460400	A9F958001	22G150150700400	AA013B003
22G150150460400	A9F7C0012	22G150150460400	A9FB4C001	22G150150700400	AA013B002
22G150150460400	A9F7C0013	22G150150320400	A9FDC2001	22G150150700400	AA013B008
22G150150460400	A9F723003	22G150150460400	A9F958002	22G150150460400	AA00F7003
22G150150460400	A9F951005	22G150150460400	A9FDDB004	22G150150700400	AA013B001
22G150150460400	A9F951004	22G150150460400	A9FDDB002	22G150150700400	AA013B005
22G150150460400	A9F951003	22G150150460400	A9F957002	22G150150460400	AA00F7002
22G150150460400	A9F951002	22G150150460400	A9F957001	22G150150700400	AA013B004
22G150150700400	A9F8FB004	22G150150460400	A9F8FE002	22G150150460400	AA00F7001
22G150150700400	A9F952002	22G150150460400	A9F8FE001	22G150150320400	AA016A001
22G150150700400	A9F8FB005	22G150150460400	A9F959002	22G150150320400	AA016A002
22G150150700400	A9F8FB001	22G150150460400	A9F959001	22G150150700400	AA013B006
22G150150700400	A9FA45005	22G150150460400	A927C9004	22G150150700400	AA00F8001
22G150150700400	A9FA45004	22G150150460400	A927C9008	22G150150700400	A9FEC4008



P/N	s/n
22G150150460400	A9F951001
22G150150700400	A9F952001
22G150150700400	A9F8FB003
22G150150700400	A9FA45002
22G150150700400	A9FA45001
22G150150700400	A9F8FB002
22G150150460400	A9FA84001
22G150150700400	A9FA45003
22G150150460400	A9FB41001
22G150150320400	A9FD36002
22G150150320400	A9FD36003
22G150150460400	A9FA31002
22G150150320400	A9FD36005
22G150150320400	A9FD36004
22G150150320400	A9FD36001
22G150150460400	A9FAD4003
22G150150460400	A9FA31001
22G150150460400	A9FB41002
22G150150460400	A9FAD4002
22G150150460400	A9FA30002
22G150150460400	A9FA30001
22G150150460400	A9FA84004
22G150150460400	A9FAD4001
22G150150460400	A9FA84003
22G150150460400	A9FA84005
22G150150460400	A9FA84002
22G150150460400	A9F9BC010
22G150150460400	A9F9BC009
22G150150460400	A9F9BC015
22G150150460400	A9F9BC012
22G150150460400	A9F9BC016
22G150150460400	A9F9BC013
22G150150460400	A9F9BC014
22G150150460400	A9F9BC011
22G150150460400	A9F9BC017
22G150150460400	A9F9BC007
22G150150460400	A9F9BC001
22G150150460400	A9F9BC003
22G150150460400	A9F9BC004
22G150150460400	A9F9BC002
22G150150460400	A9F9BC005
22G150150460400	A9F9BC006
22G150150320400	A9FA2A002

P/N	s/n
22G150150460400	A927C9011
22G150150460400	A927C9006
22G150150460400	A927C9001
22G150150460400	A927C9007
22G150150460400	A927C9010
22G150150460400	A927C9002
22G150150460400	A927C9003
22G150150460400	A927C9005
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22G150150460400	A9FD36002
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22G150150460400	A9FDC4001
22G150150460400	A9FDC5002
22G150150460400	A9FDC4002
22G150150460400	A9FDC5001
22G150150320400	A9FDC2002
22G150150460400	A927C9018
22G150150700400	A9FED6002
22G150150460400	A927C9013
22G150150460400	A927C9012
22G150150700400	A9FED6005
22G150150460400	A927C9019
22G150150460400	A927C9020
22G150150460400	A927C9015
22G150150700400	A9FED6001
22G150150460400	A927C9014
22G150150460400	A927C9017
22G150150700400	A9FED6004
22G150150460400	A927C9016
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22G150150320400	A9FEC3002
22G150150320400	A9FEC3003
22G150150460400	A9FEC5002
22G150150460400	A9FEC5001
22G150150320400	A9FEC3004
22G150150460400	A9FACF001
22G150150460400	A9FACF002
22G150150320400	A9FEC3001
22G150150700400	A9FED6003
22G150150700400	A9FED6017
22G150150700400	A9FED6007
22G150150700400	A9FED6012
22G150150700400	A9FED6015

P/N	s/n
22G150150700400	A9FEC4009
22G150150460400	AA02A3001
22G150150460400	A9FED5004
22G150150700400	A9FEC4010
22G150150700400	AA013B007
22G150150460400	A9FED5005
22G150150700400	A9FEC4005
22G150150700400	AA013B010
22G150150700400	A9FEC4003
22G150150700400	A9FEC4004
22G150150700400	A9FEC4007
22G150150700400	AA013B009
22G150150640400	AA0140001
22G150150460400	AA0122008
22G150150640400	AA036F003
22G150150460400	AA0122005
22G150150320400	AA010D003
22G150150460400	AA010E001
22G150150640400	AA036F001
22G150150460400	AA010E003
22G150150320400	AA010D004
22G150150640400	AA036F002
22G150150640400	AA036F004
22G150150460400	AA0122001
22G150150640400	AA036F009
22G150150640400	AA036F007
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22G150150460400	AA0122007
22G150150320400	AA010D001
22G150150460400	AA0122006
22G150150460400	AA010E006
22G150150460400	AA0122010
22G150150320400	AA010D005
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22G150150460400	AA010E005
22G150150460400	AA010E002
22G150150320400	AA010D002



P/N	s/n
22G150150460400	A9F9C6001
22G150150320400	A9FA2A004
22G150150320400	A9F9C5001

P/N	s/n
22G150150700400	A9FED6009
22G150150700400	A9FED6016
22G150150700400	A9FED6013

P/N	s/n
22G150150460400	AA0178009
22G150150460400	AA013C001
22G150150460400	AA013C003



22G22-0400 Series

P/N	s/n
22G220150460400	A9F770001
22G220150460400	A9F79D002
22G220150460400	A9F79C001
22G220150460400	A9F770002
22G220150460400	A9F79C002
22G220150460400	A9F79D001
22G220150460400	A9FCFC008
22G220150700400	A9FA56002
22G220150460400	A9FCFC005
22G220150020400	A9FA5F001
22G220150460400	A9FCFC007
22G220150460400	A9FCFC010
22G220150460400	A9FCFC002
22G220150460400	A9FCFC009
22G220150460400	A9FCFC006
22G220150460400	A9FCFC011
22G220150460400	A9FCFC003
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22G220150460400	A9F95E001
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22G220150460400	A9FCFC001
22G220150460400	A9F95C002
22G220150460400	A9F8FD001
22G220150460400	A9F95B002
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22G220150460400	A9F95C001
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P/N	s/n
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22G220150460400	AA00FD002
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22G220150460400	AA00FB002
22G220150460400	AA010F005
22G220150460400	AA010F006



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22G220150460400	A9FD38001
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22G220150460400	A9FAD6009
22G220150460400	A9FA32002
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22G220150460400	A9FAD6007
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22G220150460400	A9FED7002
22G220150460400	A9FD38002
22G220150460400	A9FD39001
22G220150460400	A9FED7001

P/N	s/n
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22G220150460400	A9F9D1002
22G220150460400	A9F9D1001
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