

## Airworthiness Directive

**AD No.:** 2023-0094

**Issued:** 08 May 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):

A318, A319, A320, A321, A330, and A340 aeroplanes

**Effective Date:** 22 May 2023

**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, installed at locations identified by Airbus Functional Item Numbers (FIN) 29WR, 31WR, 31WR1, 34WR, 34WR1, 37WR, 37WR7, 38WR, 50WR, 72WR and FIN 73WR (for A318, A319, A320 and A321 aeroplanes); and FIN 51WR to 60WR, FIN 63WR to 69WR, FIN 71WR, 72WR, 75WR, 76WR, 80WR, 87WR and FIN 88WR (for A330, and A340 aeroplanes).

Note 1: A review of maintenance records is acceptable to identify the installed SLGOC P/N and s/n, provided those records can be relied upon for that purpose, and the P/N and s/n of the installed SLGOC can be conclusively identified from that review.

**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 2: 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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 01 March 2023 as PAD 23-029 for consultation until 29 March 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 S.A.S., as applicable, as specified below:



1IASA Airworthiness Office E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com);

1IAL Airworthiness Office E-mail: [airworthiness.A330-A340@airbus.com](mailto: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	A9FDBB003	22G150150460400	A9FED4008
22G150150460400	A9F7A4002	22G150150460400	A9FAD0001	22G150150460400	A9FED4009
22G150150460400	A9F7A4003	22G150150460400	A9FB4C002	22G150150700400	A9FEC4001
22G150150460400	A9F723002	22G150150460400	A9FDBB005	22G150150700400	A9FEC4002
22G150150460400	A9F723004	22G150150460400	A9FDBB001	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	A9FDBB004	22G150150700400	AA013B001
22G150150460400	A9F951004	22G150150460400	A9FDBB002	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
22G150150460400	A9F951001	22G150150460400	A927C9011	22G150150700400	A9FEC4009
22G150150700400	A9F952001	22G150150460400	A927C9006	22G150150460400	AA02A3001
22G150150700400	A9F8FB003	22G150150460400	A927C9001	22G150150460400	A9FED5004
22G150150700400	A9FA45002	22G150150460400	A927C9007	22G150150700400	A9FEC4010
22G150150700400	A9FA45001	22G150150460400	A927C9010	22G150150700400	AA013B007
22G150150700400	A9F8FB002	22G150150460400	A927C9002	22G150150460400	A9FED5005



P/N	s/n		P/N	s/n		P/N	s/n
22G150150460400	A9FA84001		22G150150460400	A927C9003		22G150150700400	A9FEC4005
22G150150700400	A9FA45003		22G150150460400	A927C9005		22G150150700400	AA013B010
22G150150460400	A9FB41001		22G150150460400	A9FDC3002		22G150150700400	A9FEC4003
22G150150320400	A9FD36002		22G150150460400	A927C9009		22G150150700400	A9FEC4004
22G150150320400	A9FD36003		22G150150460400	A9FDC3001		22G150150700400	A9FEC4007
22G150150460400	A9FA31002		22G150150460400	A9FDC4001		22G150150700400	AA013B009
22G150150320400	A9FD36005		22G150150460400	A9FDC5002		22G150150640400	AA0140001
22G150150320400	A9FD36004		22G150150460400	A9FDC4002		22G150150460400	AA0122008
22G150150320400	A9FD36001		22G150150460400	A9FDC5001		22G150150640400	AA036F003
22G150150460400	A9FAD4003		22G150150320400	A9FDC2002		22G150150460400	AA0122005
22G150150460400	A9FA31001		22G150150460400	A927C9018		22G150150320400	AA010D003
22G150150460400	A9FB41002		22G150150700400	A9FED6002		22G150150460400	AA010E001
22G150150460400	A9FAD4002		22G150150460400	A927C9013		22G150150640400	AA036F001
22G150150460400	A9FA30002		22G150150460400	A927C9012		22G150150460400	AA010E003
22G150150460400	A9FA30001		22G150150700400	A9FED6005		22G150150320400	AA010D004
22G150150460400	A9FA84004		22G150150460400	A927C9019		22G150150640400	AA036F002
22G150150460400	A9FAD4001		22G150150460400	A927C9020		22G150150640400	AA036F004
22G150150460400	A9FA84003		22G150150460400	A927C9015		22G150150460400	AA0122001
22G150150460400	A9FA84005		22G150150700400	A9FED6001		22G150150640400	AA036F009
22G150150460400	A9FA84002		22G150150460400	A927C9014		22G150150640400	AA036F007
22G150150460400	A9F9BC010		22G150150460400	A927C9017		22G150150640400	AA036F006
22G150150460400	A9F9BC009		22G150150700400	A9FED6004		22G150150460400	AA0122004
22G150150460400	A9F9BC015		22G150150460400	A927C9016		22G150150460400	AA0122003
22G150150460400	A9F9BC012		22G150150320400	A9FEC3005		22G150150640400	AA036F005
22G150150460400	A9F9BC016		22G150150320400	A9FEC3002		22G150150460400	AA0122009
22G150150460400	A9F9BC013		22G150150320400	A9FEC3003		22G150150640400	AA036F008
22G150150460400	A9F9BC014		22G150150460400	A9FEC5002		22G150150460400	AA0122002
22G150150460400	A9F9BC011		22G150150460400	A9FEC5001		22G150150460400	AA0122007
22G150150460400	A9F9BC017		22G150150320400	A9FEC3004		22G150150320400	AA010D001
22G150150460400	A9F9BC007		22G150150460400	A9FACF001		22G150150460400	AA0122006
22G150150460400	A9F9BC001		22G150150460400	A9FACF002		22G150150460400	AA010E006
22G150150460400	A9F9BC003		22G150150320400	A9FEC3001		22G150150460400	AA0122010
22G150150460400	A9F9BC004		22G150150700400	A9FED6003		22G150150320400	AA010D005
22G150150460400	A9F9BC002		22G150150700400	A9FED6017		22G150150460400	AA010E004
22G150150460400	A9F9BC005		22G150150700400	A9FED6007		22G150150460400	AA010E005
22G150150460400	A9F9BC006		22G150150700400	A9FED6012		22G150150460400	AA010E002
22G150150320400	A9FA2A002		22G150150700400	A9FED6015		22G150150320400	AA010D002
22G150150460400	A9F9C6001		22G150150700400	A9FED6009		22G150150460400	AA0178009
22G150150320400	A9FA2A004		22G150150700400	A9FED6016		22G150150460400	AA013C001
22G150150320400	A9F9C5001		22G150150700400	A9FED6013		22G150150460400	AA013C003



## 22G22-0400 Series

P/N	s/n		P/N	s/n		P/N	s/n
22G220150460400	A9F770001		22G220150460400	A9FEC6001		22G220150700400	AA00BA001
22G220150460400	A9F79D002		22G220150460400	A9FED9002		22G220150460400	AA00BE002
22G220150460400	A9F79C001		22G220150460400	A9FED9001		22G220150700400	AA0304003
22G220150460400	A9F770002		22G220150460400	A9FED8001		22G220150460400	AA00BE001
22G220150460400	A9F79C002		22G220150460400	A9FEDB001		22G220150700400	AA00BA004
22G220150460400	A9F79D001		22G220150460400	A9FED8002		22G220150700400	AA00BA007
22G220150460400	A9FCFC008		22G220150460400	A9FEDB002		22G220150700400	AA00BA005
22G220150700400	A9FA56002		22G220150460400	A9FEDA001		22G220150460400	AA00BD002
22G220150460400	A9FCFC005		22G220150460400	A9FEDC001		22G220150460400	AA00BD001
22G220150020400	A9FA5F001		22G220150460400	A9FEDE002		22G220150460400	AA00BF001
22G220150460400	A9FCFC007		22G220150460400	A9FDA8001		22G220150700400	AA00BA003
22G220150460400	A9FCFC010		22G220150460400	A9FEDE001		22G220150700400	AA00BA009
22G220150460400	A9FCFC002		22G220150460400	A9FEDC002		22G220150700400	AA00BA008
22G220150460400	A9FCFC009		22G220150460400	A9FEDA002		22G220150700400	AA00BA002
22G220150460400	A9FCFC006		22G220150460400	A9FDA7001		22G220150700400	AA00BA006
22G220150460400	A9FCFC011		22G220150460400	A9FEDD001		22G220150460400	AA00E3005
22G220150460400	A9FCFC003		22G220150460400	A9FDA8002		22G220150460400	AA00E3010
22G220150460400	A9F95E002		22G220150460400	A9FDA7002		22G220150460400	AA00FD005
22G220150700400	A9FA56001		22G220150460400	A9FEDD002		22G220150460400	AA0190001
22G220150460400	A9F95E001		22G220150460400	A9FED1001		22G220150460400	AA00FD004
22G220150460400	A9FCFC004		22G220150460400	A9FED1002		22G220150460400	AA00E3001
22G220150460400	A9FCFC001		22G220150460400	A9FA5B007		22G220150460400	AA00FD002
22G220150460400	A9F95C002		22G220150460400	A9FF34002		22G220150460400	AA00E3007
22G220150460400	A9F8FD001		22G220150460400	A9FA5B006		22G220150460400	AA00E3002
22G220150460400	A9F95B002		22G220150460400	A9FA5B008		22G220150320400	AA010C001
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22G220150460400	A9F95D001		22G220150460400	A9FA5B002		22G220150460400	AA00E3003
22G220150460400	A9F95B001		22G220150460400	A9FA5B003		22G220150460400	AA00E3006
22G220150460400	A9F95C001		22G220150460400	A9FED3001		22G220150460400	AA0190002
22G220150460400	A9FA15008		22G220150460400	A9F9D1003		22G220150460400	AA00E3008
22G220150460400	A9FA15001		22G220150460400	A9FED2001		22G220150460400	AA00E3004
22G220150460400	A9FA15006		22G220150460400	A9FED2002		22G220150460400	AA00FD001
22G220150460400	A9FA15007		22G220150460400	A9FED3002		22G220150460400	AA00FD003
22G220150460400	A9FA15004		22G220150460400	A9FA5B001		22G220150460400	AA00FB002
22G220150460400	A9FA15005		22G220150460400	A9FA5B009		22G220150460400	AA010F005
22G220150460400	A9FA15002		22G220150460400	A9FA5B004		22G220150460400	AA010F006
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22G220150460400	A9FD38001		22G220150460400	A9F9D1002		22G220150460400	AA00FB001
22G220150460400	A9F76C001		22G220150460400	A9F9D1001		22G220150460400	AA00FA001
22G220150460400	A9FD3C004		22G220150460400	A9FDAB002		22G220150460400	AA010F001
22G220150460400	A9F76C003		22G220150460400	A9FECB002		22G220150460400	AA010F004
22G220150460400	A9FD3C003		22G220150460400	A9FEC9002		22G220150460400	AA00FA002



P/N	s/n		P/N	s/n		P/N	s/n
22G220150460400	A9FB53001		22G220150460400	A9FECB001		22G220150020400	AA00F1002
22G220150460400	A9FAD6010		22G220150460400	A9FECA002		22G220150460400	AA010F003
22G220150460400	A9FD3C002		22G220150460400	A9FEE0001		22G220150020400	AA00F1004
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