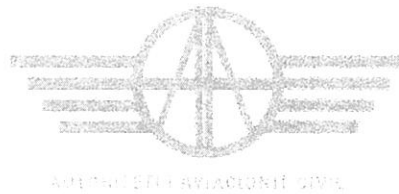




REPUBLIC OF ALBANIA



ALBANIAN CIVIL AVIATION AUTHORITY

AIRWORTHINESS DIRECTIVE

ACAA-DFS-AD-No.021

Issue: 01, Revision 00

Date: 08.11.2024

Approved by:



Maksim Et'hemaj

Executive Director of Albanian Civil Aviation Authority

0.1 Record of Amendments

The table below describes the dates and reason for the different amendments of the current procedure. A vertical black line on the left-hand side of the page identify the changes with the previous version.

Issue No.	Revision No.	Date	Amended by	Reason
01	00	08.11.2024	SAW	Initial Issue

0.2 Revision table

Page #	Issue No.	Revision No.	Date	Edited by

1. Name of the AD:

EASA AD No.: 2024-0197, ATA 35 – Oxygen – SafeLav Gaseous Oxygen Container – Replacement

2. Full Description of the AD:

This Airworthiness Directive (AD) addresses a safety issue related to certain SafeLav Gaseous Oxygen Containers (SLGOC) installed in lavatories of various Airbus models. A production deficiency was identified in some SLGOC batches, where missing heat treatment on the actuation pin could result in jamming, leading to a failure in oxygen flow activation during decompression events. This deficiency poses a risk as it may prevent the supplemental oxygen supply, potentially leading to injuries for occupants in the lavatory. To mitigate this risk, the AD mandates the replacement of affected parts with serviceable units and prohibits the installation of defective units on any affected aircraft. This AD supersedes EASA AD 2023-0094 and extends the applicability to include the newly certified Airbus A321-253NY model.

3. Issued and Effective Dates:

▣ Issued: 18 October 2024

▣ Effective Date: 01 November 2024

Revision:

4. Full List of Aircraft Affected:

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, A321-253NY, 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.

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 eligible for installation in accordance with Airbus instructions, 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.

An A321-253NY aeroplane is a Group 2 aeroplane, provided that no affected part has been installed on that aeroplane since the aeroplane date of manufacture.

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. Consequently, EASA issued 2023-0094 to require removal from service of each affected part. That AD also prohibits installation of an affected part on any aeroplane.

Since that AD was issued, a new aeroplane model (A321-253NY) has been certified, on which affected parts could be installed in service. On the issue date of this AD, no A321-253NY aeroplanes have been delivered yet to operators.

For the reason described above, this AD supersedes EASA AD 2023-0094, and extends the Applicability to the A321-253NY aeroplanes to prohibit installation of affected parts on those aeroplanes in service.

For aeroplanes previously affected by EASA AD 2023-0094, this AD retains the requirements of that AD, with no additional actions.

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:

Replacement:

- (2) For Group 1 aeroplanes: Within 8 months after 22 May 2023 [the effective date of EASA AD 2023-0094], replace each affected part with a serviceable part, as defined in this AD, in accordance with the instructions of the AOT.

Credit:

- (3) 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:

- (4) 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.

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	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
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22G150150460400	A9F951003	22G150150460400	A9F957002	22G150150460400	AA00F7002
22G150150460400	A9F951002	22G150150460400	A9F957001	22G150150700400	AA013B004
22G150150700400	A9F8FB004	22G150150460400	A9F8FE002	22G150150460400	AA00F7001
22G150150700400	A9F952002	22G150150460400	A9F8FE001	22G150150320400	AA016A001
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22G150150700400	A9FA45002	22G150150460400	A927C9007	22G150150700400	A9FEC4010
22G150150700400	A9FA45001	22G150150460400	A927C9010	22G150150700400	AA013B007
22G150150700400	A9F8FB002	22G150150460400	A927C9002	22G150150460400	A9FED5005
22G150150460400	A9FA84001	22G150150460400	A927C9003	22G150150700400	A9FEC4005

P/N	s/n		P/N	s/n		P/N	s/n
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22G150150460400	A9FB41001		22G150150460400	A9FDC3002		22G150150700400	A9FEC4003
22G150150320400	A9FD36002		22G150150460400	A927C9009		22G150150700400	A9FEC4004
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22G150150460400	A9FA31002		22G150150460400	A9FDC4001		22G150150700400	AA013B009
22G150150320400	A9FD36005		22G150150460400	A9FDC5002		22G150150640400	AA0140001
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22G150150460400	A9FA31001		22G150150460400	A927C9018		22G150150320400	AA010D003
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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
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22G150150460400	A9F9BC001	22G150150460400	A9FACF002	22G150150460400	AA010E006
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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
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22G22-0400 Series

P/N	s/n	P/N	s/n	P/N	s/n
22G220150460400	A9F770001	22G220150460400	A9FEC6001	22G220150700400	AA00BA001
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22G220150460400	A9F79C001	22G220150460400	A9FED9001	22G220150700400	AA0304003
22G220150460400	A9F770002	22G220150460400	A9FED8001	22G220150460400	AA00BE001
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22G220150460400	A9FCFC007	22G220150460400	A9FDA8001	22G220150700400	AA00BA003
22G220150460400	A9FCFC010	22G220150460400	A9FEDE001	22G220150700400	AA00BA009
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22G220150460400	A9FCFC011	22G220150460400	A9FEDD001	22G220150460400	AA00E3005
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22G220150460400	A9F95E001	22G220150460400	A9FED1001	22G220150460400	AA00FD004
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