



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-206

Issued: 21 November 2019

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

Type/Model designation(s):

A350 aeroplanes

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

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: None

ATA 35 – Oxygen – Passenger Oxygen Mask – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 and A350-1041 aeroplanes, all manufacturer serial numbers.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A350-35-P013, which includes reference to B/E Aerospace SB E75000-35-001.

Affected part: Passenger oxygen masks, having a Part Number (P/N) and Amendment (AMDT) as listed in Table 1 of this AD; and a serial number (s/n) as listed in Table 2 of this AD.

Groups: Group 1 aeroplanes are those that have an affected part installed. Group 2 aeroplanes are those that do not have an affected part installed.



Airbus date of manufacture: The date of transfer of title (ownership) of the aeroplane upon delivery by Airbus to the first operator.

Reason:

On certain passenger oxygen mask assemblies, sticking effects have been observed after exposure to high ground survival temperatures of 85 degrees centigrade and above. Investigation shows that this phenomenon is limited to masks using a specific manufacturing lot of breathing bag raw material.

This condition, if not detected and corrected, could prevent the breathing bag to fully inflate, possibly resulting in injury to cabin occupants following a depressurization event.

To address this potential unsafe condition, Airbus published the SB, providing instructions for identification and modification of the affected parts.

For the reasons described above, this AD requires modification of the affected parts. This AD also prohibits re-installation of affected parts.

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

Required as indicated, unless accomplished previously:

Modification:

- (1) For Group 1 aeroplanes: Before exceeding 72 months since aeroplane date of manufacture, modify each affected part in accordance with the instructions of the SB.

Table 1 – Affected parts (P/N and AMDT)

Affected P/N	Affected AMDT	Affected P/N	Affected AMDT	Affected P/N	Affected AMDT
EXC22XXXXXXX502	N/A	GXC22XXXXXXX501	A	HXG22XXXXXXX501	N/A
EXD44XXXXXXX501	N/A	GXD44XXXXXXX501	N/A	JXD44XXXXXXX501	N/A
FXC22XXXXXXX502	A	HXC22XXXXXXX501	A	KXC22XXXXXXX502	N/A
FXD44XXXXXXX501	N/A	HXD44XXXXXXX501	N/A	KXD44XXXXXXX501	N/A

Note 1: XXXXXXXX in Table 1 of this AD is a variable number, indicating the number of masks, and/or the mask code. N/A in Table 1 of this AD means No AMDT. XXXX in Table 2 of this AD is a variable number, from 0000 to 9999.

Table 2 – Affected parts (s/n)

Affected s/n			
BEFD-XXXX	BEFK-XXXX	BEHA-XXXX	BEHE-XXXX
BEFE-XXXX	BEFL-XXXX	BEHB-XXXX	BEHF-XXXX
BEFF-XXXX	BEFM-XXXX	BEHC-XXXX	BEHH-XXXX
BEFH-XXXX	BEFN-XXXX	BEHD-XXXX	



Part(s) Installation:

(2) Do not install an affected part on any aeroplane, as required by paragraph (2.1) or (2.2) of this AD, as applicable.

(2.1) For Group 1 aeroplanes: After modification of all affected parts on the aeroplane as required by paragraph (1) of this AD.

(2.2) For Group 2 aeroplanes: From the effective date of this AD.

Ref. Publications:

Airbus SB A350-35-P013 original issue dated 02 July 2019.

B/E Aerospace SB E75000-35-001 original issue dated 25 November 2016.

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 19 December 2019.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness 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](#).
4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS XWB, E-mail: continued-airworthiness.a350@airbus.com.

