



Airworthiness Directive

AD No.: 2020-0053

Issued: 10 March 2020

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, 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 agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

AIRBUS

Type/Model designation(s):

A320 and A321 aeroplanes

Effective Date: 31 March 2020

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: None

ATA 54 – Nacelles / Pylons – Engine Pylon Nose Fire Seals – Inspection / Replacement

Manufacturer(s):

Airbus

Applicability:

Airbus A320-271N, A321-271N, A321-271NX and A321-272N aeroplanes, all manufacturer serial numbers (MSN) as listed in Airbus Service Bulletin (SB) A320-54-1047 revision 01.

Definitions:

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

The SB: Airbus SB A320-54-1047 revision 01.

Affected part: Engine pylon nose fire seals, having Part Number D0003109300000.

Reason:

An occurrence was reported where, during inspection of an aeroplane on the Airbus assembly line, a gap was found on a pylon nose fire seal. The gap results from permanent seal deformation following installation of the bifurcation panels during engine installation.

This condition, if not detected and corrected, could lead to loss of firewall integrity, which, in case of an engine fire, could possibly prevent extinguishing the fire.



Prompted by these findings, Airbus published the SB, providing instructions for a detailed inspection (DET) of the affected parts.

For the reasons described above, this AD requires a one-time DET of the affected parts for correct installation, and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Within 3 months after the effective date of this AD, accomplish a DET of each affected part in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, discrepancies are detected as identified in the SB, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the SB.

Alternative Method of Compliance:

- (3) Replacement of an affected part on an aeroplane with a new one in accordance with the instructions of the applicable Aircraft Maintenance Manual (AMM) task 54-57-22-000-821-A and AMM task 54-57-22-400-821 dated May 2019 (or later revision) is an acceptable alternative method to comply with the requirements of paragraphs (1) and (2) of this AD, as applicable, for that aeroplane.

Credit:

- (4) Inspections and corrective actions, accomplished on an aeroplane before the effective date of this AD in accordance with the original issue of the SB, are acceptable to comply with the requirements of paragraphs (1) and (2) of this AD, as applicable, for that aeroplane.

Ref. Publications:

Airbus SB A320-54-1047 original issue dated 30 January 2019, or revision 01 dated 29 August 2019.

The use of later approved revisions of the above-mentioned document 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 07 February 2020 as PAD 20-030 for consultation until 06 March 2020. 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 Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: 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](#).
5. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EIAS; Fax +33 5 61 93 44 51;
E-mail: account.airworth-eas@airbus.com.

