



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-156

Issued: 14 August 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):

A319, A320 and A321 aeroplanes

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

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: None

ATA 29 – Hydraulic Power – Hydraulic Reservoir Pressurisation Lines – Modification

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A319-131, A319-132, A319-133, A320-231, A320-232, A320-233, A321-131, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers.

Definitions:

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

The SB: Airbus Service Bulletin (SB) A320-29-1179.

Affected part: Bleed air hoses, having Part Number (P/N) D0001037900000.

Modification kit: Bleed air hoses, having P/N 1298481, and elbow, having P/N NAS1761J0406.

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.



An aeroplane having Airbus modification (mod) 160901 embodied in production is a Group 2 aeroplane, provided no affected part has been installed on that aeroplane since its date of manufacture.

Aeroplane date of manufacture: The date of transfer of title (ownership) which is referenced in Airbus documentation at the time of first delivery to an operator.

Reason:

An occurrence was reported of rupture of a hydraulic reservoir air pressurization hose on an in-service aeroplane, leading to air leakage which was undetectable in normal operation, until subsequent zonal inspection.

This condition, if not corrected, could lead to exposure of the wing structure to high temperatures (possibly above 200°C), possibly resulting in reduced structural integrity of the aeroplane.

To address this potential unsafe condition, Airbus developed mod 160901, introducing bleed air hoses with an additional restrictor, limiting the mass flow in case of rupture of the hose, and published the SB providing instructions for retrofit installation.

For the reasons described above, this AD requires a modification of the hydraulic pressurization lines, replacing the affected part with a modification kit, as defined in this AD. 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: Within 66 months after the effective date of this AD, modify the aeroplane by replacing the affected part with a modification kit in accordance with the instructions of the SB.

Parts 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 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 A320-29-1179 original issue dated 28 May 2019.

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



Remarks:

1. This Proposed AD will be closed for consultation on 11 September 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 PAD, please contact: AIRBUS – Airworthiness Office – EIAS; Fax +33 5 61 93 44 51;
E-mail: account.airworth-eas@airbus.com.

