



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 20-088

Issued: 28 May 2020

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: This AD supersedes EASA AD 2014-0177 dated 25 July 2014.

ATA 53 – Fuselage – Rear Fuselage Clips, Shear Webs and Angles – Replacement

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers, except those on which Airbus modification 30975 has been embodied in production.

Definitions:

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

Affected part: Clips, shear webs and angles at rear fuselage section 19, Frame (FR)72 and FR74.

The SB: Airbus Service Bulletin (SB) A320-53-1266.

The modification SB: Airbus SB A320-53-1363.



Reason:

During the A320 fatigue test campaign for Extended Service Goal (ESG), it was determined that fatigue damage could appear on affected parts.

This condition, if not detected and corrected, could affect the structural integrity of the aeroplane.

To address this potential unsafe condition, Airbus published the SB, providing instructions to replace affected parts, which allows an aeroplane to be operated up to the new ESG limit. Consequently, EASA issued AD 2014-0177 requiring that replacement. For aeroplanes having accomplished the SB before accumulating 30 000 flight cycles (FC) or 60 000 flight hours (FH), that AD also required a further replacement of affected parts.

Since that AD was issued, it has been determined that the SB cannot be accomplished twice on the same aeroplane. Consequently, Airbus issued the modification SB to provide relevant instructions.

For the reasons described above, this AD partially retains the requirements of EASA AD 2014-0177, which is superseded, and requires accomplishment of the modification SB.

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

Required as indicated, unless accomplished previously:

Modification:

- (1) Before exceeding 48 000 FC or 96 000 FH, whichever occurs first since aeroplane first flight, but not before exceeding 30 000 FC or 60 000 FH, whichever occurs first since aeroplane first flight, replace the affected parts in accordance with the instructions of the SB.
- (2) Within 49 600 FC or 99 300 FH, whichever occurs first after replacement of affected parts as required by paragraph (1) of this AD, but not before exceeding 66 900 FC or 133 800 FH, whichever occurs first since aeroplane first flight, replace the affected parts in accordance with the instructions of the modification SB.

Ref. Publications:

Airbus SB A320-53-1266 original issue dated 11 January 2013, or Revision 01 dated 20 June 2013, or Revision 02 dated 13 August 2014, or Revision 03 dated 07 May 2015, or Revision 04 dated 07 June 2016, or Revision 05 dated 24 March 2017, or Revision 06 dated 30 November 2017, or Revision 07 dated 18 May 2018, or Revision 08 dated 11 January 2019, or Revision 09 dated 25 February 2019.

Airbus SB A320-53-1363 original issue dated 03 March 2020.

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 25 June 2020.
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 – IIASA; E-mail: account.airworth-eas@airbus.com.

