



Airworthiness Directive

AD No.: 2019-0264

Issued: 23 October 2019

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):

A340 aeroplanes

Effective Date: 06 November 2019

TCDS Number(s): EASA.A.015

Foreign AD: Not applicable

Supersedure: None

ATA 32 – Landing Gear – Main Landing Gear Bogie Beam – Replacement

Manufacturer(s):

Airbus, formerly Airbus Industrie

Applicability:

Airbus A340-541, A340-542, A340-642 and A340-643 aeroplanes, all manufacturer serial numbers.

Definitions:

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

Affected part: Main landing gear (MLG) bogie beams, having Part Number (P/N) 50-1217001-03 or P/N 50-1217001-04, and a serial number as specified in the AOT.

Serviceable part: An MLG bogie beam which is not an affected part.

The AOT: Airbus Alerts Operators Transmission (AOT) A32L017-19 Revision 1.

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.



Reason:

A “make-from” part is a part which is created by rework of an existing part. This change updates the P/N of the part, and can result in a different life limit for that new P/N. An assessment of landing gear “make-from” parts on the A330/340 fleet has identified that some A340-500/-600 MLG bogie beams could potentially exist with an incorrect life limitation, as the safe life limitation defined by the published Airworthiness Limitation Section is justified only for new production parts and not for “make-from” parts. A specific batch of affected parts was identified.

This condition, if not corrected, could lead to an MLG bogie beam failure, possibly resulting in damage to the aeroplane and injury to occupants.

To address this unsafe condition, Airbus issued the AOT to provide replacement instructions.

For the reasons described above, this AD requires replacement of the affected parts with serviceable parts, as defined in this AD.

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

Required as indicated, unless accomplished previously:

Replacement:

- (1) For Group 1 aeroplanes: Within 6 months after the effective date of this AD, replace each affected part with a serviceable part in accordance with the instructions of the AOT.

Credit:

- (2) Replacement of an affected part on an aeroplane, accomplished before the effective date of this AD in accordance with Airbus AOT A32L017-19 at original issue, is acceptable to comply with requirement of paragraph (1) of this AD for that aeroplane.

Part Installation:

- (3) 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 A32L017-19 original issue dated 19 September 2019, Revision 1 dated 22 October 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 23 September 2019 as PAD 19-173 for consultation until 21 October 2019. No comments were received during the consultation period.
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 – EIAL; E-mail: airworthiness.A330-A340@airbus.com.

