



## Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 17-168**

**Issued: 12 December 2017**

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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):**

A330 and A340 aeroplanes

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

**TCDS Numbers:** EASA.A.004 and EASA.A.015

**Foreign AD:** Not applicable

**Supersedure:** This AD supersedes EASA AD 2014-0009 dated 08 January 2014.

### ATA 05 – Time Limits / Maintenance Checks – Safe Life Airworthiness Limitations Items – ALS Part 1 – Amendment

**Manufacturer(s):**

Airbus (formerly Airbus Industrie)

**Applicability:**

Airbus A330-201, A330-202, A330-203, A330-223, A330-243, A330-223F, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, all manufacturer serial numbers (MSN), and,

Airbus A340-211, A340-212, A340-213, A340-311, A340-312, A340-313, A340-541, A340-542, A340-642 and A340-643 aeroplanes, all MSN.

**Reason:**

The airworthiness limitations for Airbus A330 and A340 aeroplanes, which are approved by EASA, are currently defined and published in the A330 and A340 Airworthiness Limitations Section (ALS) document(s). The Safe Life Airworthiness Limitation Items are specified in ALS Part 1. These instructions have been identified as mandatory for continued airworthiness.

Failure to accomplish these instructions could result in an unsafe condition.



EASA previously issued AD 2014-0009 to require the implementation of the instructions and airworthiness limitations as specified in Airbus A330 and A340 ALS Part 1 documents at Revision 07.

Since that AD was issued, improvement of safe life component selection and life extension campaigns resulted in life limitations changes, among others new or more restrictive life limitations, approved by EASA. Consequently, Airbus successively issued Revision 08 and Revision 09 of the A330 and A340 ALS Part 1, compiling all ALS Part 1 changes approved since previous Revision 07.

For the reason described above, this AD retains the requirements of EASA AD 2014-0009, which is superseded, and requires accomplishment of the actions specified in A330 ALS Part 1 Revision 09 and A340 ALS Part 1 Revision 09.

Airbus has published Variation 9.2 dated 28 November 2017 to remove from ALS Part 1 some life limits connected to a deficiency in the fatigue performance of 300M high strength steel used in forgings. Consequently, these life limits, applicable only for a specific batch of parts, are now only required by EASA AD 2017-0185.

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

Required as indicated, unless accomplished previously:

Note 1: Airbus A330 ALS Part 1 Revision 09, including Variation 9.2 dated 28 November 2017 or A340 ALS Part 1 Revision 09, including Variation 9.2 dated 28 November 2017, as applicable, are hereafter collectively referred to as 'the applicable ALS' in this AD.

#### **Replacement of Life Limited Parts:**

- (1) From the effective date of this AD, replace each component before exceeding the applicable life limit, as specified in the ALS, as applicable to aeroplane model and depending on aeroplane configuration.

Note 2: For the purpose of this AD, the life limits as defined in the 'Compliance Time' pages of the ALS include specific compliance times for certain items.

#### **Aircraft Maintenance Programme (AMP) Revision:**

- (2) Within 12 months after the effective date of this AD, revise the approved AMP, on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane, by incorporating the limitations described in the ALS, as applicable to aeroplane model and depending on aeroplane configuration.

#### **Credit:**

- (3) For an AMP that, on the effective date of this AD, is already updated to incorporate the life limitations as specified in A330 ALS Part 1 Revision 08 and A340 ALS Part 1 Revision 08, that action ensures (see Note 2 of this AD) the continued accomplishment of those limitations.

Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and more restrictive limitations, as defined in the applicable ALS, and within the compliance times (see Note 1 of this AD) as specified in the applicable ALS, to comply with paragraph (1) of this AD.



For that AMP, it is acceptable to incorporate the new and more restrictive limitations, as defined in the applicable ALS, into the AMP to comply with paragraph (2) of this AD.

**Recording AD compliance:**

- (4) When the AMP of an aeroplane has been revised as required by paragraph (2) or (3) of this AD, as applicable, that action ensures (see Note 2 of this AD) continued accomplishment of the tasks as required by paragraphs (1) of this AD for that aeroplane. Consequently, after revising the AMP, as required by paragraph (2) or (3) of this AD, as applicable, it is not necessary that accomplishment of individual action is recorded for demonstration of AD compliance on a continued basis.

Note 3: For affected Airbus A330 and A340 aeroplanes registered in Europe, complying with the approved AMP, as specified in paragraph (2) or (3) of this AD, as applicable, is required by Commission Regulation (EU) [1321/2014](#), Part M.A.301, paragraph 3.

**Ref. Publications:**

Airbus A330 ALS Part 1 Revision 09, dated 18 September 2017, including Variation 9.2 dated 28 November 2017.

Airbus A340 ALS Part 1 Revision 09, dated 18 September 2017, including Variation 9.2 dated 28 November 2017.

The use of later approved variations or revisions of these documents is acceptable for compliance with the requirements of this AD.

**Remarks:**

1. This Proposed AD will be closed for consultation on 09 January 2018.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – Airworthiness Office – EIAL, E-mail: [airworthiness.A330-A340@airbus.com](mailto:airworthiness.A330-A340@airbus.com).

