

 <b>適航指令發布單</b> <b>Airworthiness Directive Issuance Form</b>			
民航局 AD 編號 AD number	CAA-2018-02-004	發布日期 Date issued	2018/2/9
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	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.		
主旨摘要	Time Limits / Maintenance Checks - Safe Life Airworthiness Limitations Items - ALS Part 1 - Amendment		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <input type="checkbox"/> FAA <input type="checkbox"/> Germany LBA <input checked="" type="checkbox"/> EASA <input type="checkbox"/> CAA-NL <input type="checkbox"/> Brazil <input type="checkbox"/> UK CAA <input type="checkbox"/> Transport Canada Civil Aviation <input type="checkbox"/> Japan CAB <input type="checkbox"/> DGAC <input type="checkbox"/> CAA of Israel <input type="checkbox"/> Other _____		
	設計國 AD 編號 Original AD number	2018-0034	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	ATA 05. This AD supersedes EASA AD 2014-0009(CAA-2014-01-004) dated 08 January 2014. Ref. Publications: Airbus A330 ALS Part 1 Revision 09, dated 18 September 2017, including Variation 9.2 dated 28 November 2017. and Airbus A340 ALS Part 1 Revision 09, dated 18 September 2017, including Variation 9.2 dated 28 November 2017.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



## Airworthiness Directive

**AD No.: 2018-0034**

**Issued: 05 February 2018**

Note: This Airworthiness Directive (AD) 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.

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 (EC) 216/2008, Article 14(4) exemption].

### Design Approval Holder's Name:

AIRBUS

### Type/Model designation(s):

A330 and A340 aeroplanes

**Effective Date:** 19 February 2018

**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.

### Definitions:

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

**The applicable ALS:** Airbus A330 Airworthiness Limitations Section (ALS) Part 1 Revision 09, including Variation 9.2, or A340 ALS Part 1 Revision 09, including Variation 9.2, as applicable.

### 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 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.

In addition, Airbus published Variation 9.2 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. These life limits, applicable only for a specific batch of parts, are required by EASA AD 2017-0185.

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 the applicable ALS.

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

Required as indicated, unless accomplished previously:

#### **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 applicable ALS, as applicable to aeroplane model and depending on aeroplane configuration.

Note 1: For the purpose of this AD, the life limits as defined in the 'Compliance Time' pages of the applicable 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 applicable 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 or A340 ALS Part 1 Revision 08, as applicable, 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 2: 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 the above-mentioned documents 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 12 December 2017 as PAD 17-168 for consultation until 09 January 2018. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
4. 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](mailto:airworthiness.A330-A340@airbus.com).

