



## 適航指令發布單

### Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2021-11-012	發布日期 Date issued	2021/11/22
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, A330-223F, A330-243, A330-243F, A330-301, <input type="checkbox"/> A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343, A330-841 and A330-941 aeroplanes, all manufacturer serial numbers.		
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 <span style="margin-left: 150px;"><input type="checkbox"/> Germany LBA</span> <input checked="" type="checkbox"/> EASA <span style="margin-left: 150px;"><input type="checkbox"/> CAA-NL</span> <input type="checkbox"/> Brazil <span style="margin-left: 150px;"><input type="checkbox"/> UK CAA</span> <input type="checkbox"/> Transport Canada Civil Aviation <span style="margin-left: 150px;"><input type="checkbox"/> Japan CAB</span> <input type="checkbox"/> DGAC <span style="margin-left: 150px;"><input type="checkbox"/> CAA of Israel</span> <input type="checkbox"/> Other _____		
	設計國 AD 編號 Original AD number	2021-0246	
	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 <input type="checkbox"/> date as) : _____ b. 執行時限另訂為(Re-specify the compliance <input type="checkbox"/> time or period as) : _____ <input type="checkbox"/>		
	2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do <input type="checkbox"/> 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. Ref. Publications: Airbus A330 ALS Part 1 Revision 11 dated 01 July 2021.		
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.:** 2021-0246

**Issued:** 17 November 2021

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):

A330 aeroplanes

**Effective Date:** 01 December 2021

**TCDS Number(s):** EASA.A.004

**Foreign AD:** Not applicable

**Supersedure:** None

## 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, A330-223F, A330-243, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343, A330-841 and A330-941 aeroplanes, all manufacturer serial numbers.

### Definitions:

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

**The ALS:** Airbus A330 Airworthiness Limitations Section (ALS) Part 1, Revision 11.

**The AMP:** The approved Aircraft Maintenance Programme (AMP) on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane. For A330 aeroplanes operated under EU regulation, compliance with the approved AMP is required by Commission Regulation (EU) [1321/2014](#), Part M.A.301, paragraph (c).



**New and/or more restrictive tasks:** This includes all tasks and limitations that are new and all tasks for which a threshold or interval was reduced, which were introduced into the ALS (as defined in this AD) since the previous ALS Revision that is currently incorporated in the AMP.

**Reason:**

The airworthiness limitations for the Airbus A330 aeroplanes, which are approved by EASA, are currently defined and published in the Airbus A330 ALS document(s). These instructions have been identified as mandatory for continued airworthiness.

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

Previously, EASA issued AD 2018-0034 to require implementation of all safe life airworthiness limitations as described in ALS Part 1 at Revision 09 (including Variation 9.2), and AD 2020-0190 to require implementation of reduced life limits for the Nose Landing Gear (NLG) lower torque link, Part Number (P/N) D64001 as described in ALS Part 1, Variation 10.2.

Since those ADs were issued, Airbus published the ALS, introducing new and/or more restrictive tasks.

For the reason described above, this AD takes over the requirements for A330 aeroplanes from EASA AD 2018-0034 and AD 2020-0190, and requires accomplishment of the actions specified in the 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 ALS (see Note 1 of this AD), as applicable to aeroplane model and depending on aeroplane configuration.

Note 1: For the purpose of this AD, the thresholds and intervals, as defined in the 'Compliance Time' pages of the ALS, include specific compliance times for certain tasks.

**AMP Revision:**

- (2) Within 12 months after the effective date of this AD, revise the AMP by incorporating the limitations described in the ALS, as applicable to aeroplane model and depending on aeroplane configuration.

**Credit:**

- (3) If, before the effective date of this AD, the AMP has been revised to incorporate the life limitations as specified in a previous revision of Airbus A330 ALS Part 1, that action ensures the continued accomplishment of those limitations.

Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and/or more restrictive tasks, as defined in this AD, as applicable to aeroplane model and



depending on aeroplane configuration, within the compliance times (see Note 1 of this AD) as specified in the ALS to comply with paragraph (1) of this AD.

For that AMP, it is acceptable to incorporate the new and/or more restrictive tasks, as defined in this AD, as applicable to aeroplane model and depending on aeroplane configuration, 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 continued accomplishment of the tasks as required by paragraph (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.

#### **Ref. Publications:**

Airbus A330 ALS Part 1 Revision 11 dated 01 July 2021.

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 13 October 2021 as PAD 21-146 for consultation until 10 November 2021. 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. 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – IIAL (Airworthiness Office), E-mail: [airworthiness.A330-A340@airbus.com](mailto:airworthiness.A330-A340@airbus.com).

