



適航指令發布單

Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2020-01-003	發布日期 Date issued	2020/1/8
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, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, all manufacturing 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	Aircraft Flight Manual - 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 <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> FAA <input checked="" type="checkbox"/> EASA <input type="checkbox"/> Brazil <input type="checkbox"/> Transport Canada Civil Aviation <input type="checkbox"/> DGAC </div> <div style="width: 48%;"> <input type="checkbox"/> Germany LBA <input type="checkbox"/> CAA-NL <input type="checkbox"/> UK CAA <input type="checkbox"/> Japan CAB <input type="checkbox"/> CAA of Israel <input type="checkbox"/> Other _____ </div> </div>		
	設計國 AD 編號 Original AD number	2019-0312	
	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	Ref. Publications: Airbus A330 AFM TR 528 issue 1, EASA approved 05 December 2014. and Airbus A340 AFM TR 529 issue 1, EASA approved 05 December 2014.		
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： adcaa@mail.caa.gov.tw 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： adcaa@mail.caa.gov.tw			



Airworthiness Directive

AD No.: 2019-0312

Issued: 20 December 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):

A330 and A340 aeroplanes

Effective Date: 03 January 2020

TCDS Number(s): EASA.A.004 and EASA.A.015

Foreign AD: Not applicable

Supersedure: None

ATA – Aircraft Flight Manual – 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 and A330-343 aeroplanes, all manufacturing 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 AFM TR: Airbus A330 Aircraft Flight Manual (AFM) Temporary Revision (TR) 528, and A340 AFM TR 529, as applicable.

Reason:

EASA AD 2017-0246 (A330), AD 2018-0196 (A330 MRTT) and AD 2019-0028 (A340) do not explicitly require removal of the applicable AFM TR, as defined in this AD, which was intended to be removed following modification of an aeroplane to a configuration as specified in those ADs. Whereas the benefit of applying that emergency procedure is confirmed on pre-mod aeroplanes, it has been



determined that for post-mod aeroplanes, retaining the AFM TR in the AFM is not allowed. Due to the absence of a clear requirement to remove the AFM TR, some aeroplanes may still be operated with that emergency procedure in the AFM.

This condition, if not corrected, could, under certain conditions, lead to wrong application of the procedure by the flight crew, possibly resulting in increased flight crew workload and consequent reduced control of the aeroplane.

For the reason described above, this AD requires, for certain aeroplane configurations, amendment of the AFM by removing the Emergency Procedure as specified in the AFM TR, as defined in this AD.

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

Required as indicated, unless accomplished previously:

Post-modification AFM Amendment:

- (1) Within 30 days, or concurrently with installation of a configuration as referenced in Table 1 of this AD, as applicable, or later configuration, whichever occurs later after the effective date of this AD, remove the applicable AFM TR, as defined in this AD, previously inserted in the applicable AFM as required by EASA Emergency AD 2014-0267-E, from the AFM.

Table 1 – Post-mod Configurations

Aeroplane(s)	Configuration
A330	As required by paragraph (1) of EASA AD 2017-0246R1 <u>and</u> having an Angle of Attack (AOA) sensor configuration as identified in Table 2 of AD 2017-0246R1, or as identified in paragraph (10) of EASA AD 2015-0134, as applicable,
A330 MRTT	As required by paragraph (1) of EASA AD 2018-0196 <u>and</u> having an AOA sensor configuration as identified in Table 1 of EASA AD 2018-0196, or as identified in paragraph (10) of EASA AD 2015-0134, as applicable
A340	As required by paragraph (1) of EASA AD 2019-0028 <u>and</u> having an AOA sensor configuration as identified in Table 2 of EASA AD 2019-0028, or as identified in paragraph (10) of EASA AD 2015-0134, as applicable

- (2) Before next flight after amendment of the AFM on an aeroplane as required by paragraph (1) of this AD, inform all flight crews and, thereafter, operate that aeroplane accordingly.

Ref. Publications:

Airbus A330 AFM TR 528 issue 1, EASA approved 05 December 2014.

Airbus A340 AFM TR 529 issue 1, EASA approved 05 December 2014.



Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
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 – EIAS; Fax +33 5 61 93 44 51;
E-mail: account.airworth-eas@airbus.com.

