

|  適航指令發布單 Airworthiness Directive Issuance Form | | | |
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| 民航局 AD 編號 AD number | CAA-2017-08-005 | 發布日期 Date issued | 2017/8/21 |
| 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, 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 manufacturer serial numbers (MSN) up to MSN 1711 inclusive. | | |
| 主旨摘要 | Fuel - Trim Tank Overflow - Functional Test | | |
| 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 | 2017-0152 | |
| | 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 28. Ref. Publications: Airbus SB A330-28-3130 original issue dated 18 May 2017. and Airbus SB A340-28-4140 original issue dated 18 May 2017. and Airbus SB A340-28-5061 original issue dated 18 May 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： 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.: 2017-0152

Issued: 17 August 2017

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: 31 August 2017

TCDS Numbers: EASA.A.004, EASA.A.015

Foreign AD: Not applicable

Supersedure: None

ATA 28 – Fuel – Trim Tank Overflow – Functional Test

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, 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 manufacturer serial numbers (MSN) up to MSN 1711 inclusive.

Reason:

It was discovered that the production functional test to verify the “Tank Pressures during Refuel Overflow” was not performed on the Trim Tank (TT) of A330 and A340 aeroplanes up to MSN 1711. This test ensures that there is no blockage of the vent pipes.

This condition, if not corrected, could lead, in combination with a high level sensor failure, to an over-pressurisation of the TT during refuelling or during aft fuel transfer, possibly resulting in a TT rupture and consequent reduced control of the aeroplane.



To address this potential unsafe condition, Airbus published Service Bulletin (SB) A330-28-3130, SB A340-28-4140 and SB A340-28-5061, to provide functional test instructions.

For the reasons described above, this AD requires a one-time functional test of the TT overflow and, depending on findings, accomplishment of applicable corrective action(s).

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

Required as indicated, unless accomplished previously:

Note 1: Airbus SB A330-28-3130, SB A340-28-4140 and SB A340-28-5061, as applicable, are hereafter collectively referred to as “the applicable SB” in this AD.

Inspection:

- (1) Within 42 months after the effective date of this AD, accomplish a TT overflow functional test in accordance with the instructions of the applicable SB.

Corrective Action(s):

- (2) If, during the functional test as required by paragraph (1) of this AD, the TT maximum allowable pressure is exceeded, before next flight, contact Airbus for approved corrective action instructions and accomplish those instructions accordingly.
- (3) If, during the functional test as required by paragraph (1) of this AD, the trim surge tank maximum allowable pressure is exceeded, before next flight, accomplish a visual inspection of the aperture leading to the flame arrestors (NACA duct), and a detailed inspection of the flame arrestor in accordance with the instructions of the applicable SB.
- (4) If, during any inspection as required by paragraph (3) of this AD, any discrepancy is detected as specified in the applicable SB, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the applicable SB.

Ref. Publications:

Airbus SB A330-28-3130 original issue dated 18 May 2017.

Airbus SB A340-28-4140 original issue dated 18 May 2017.

Airbus SB A340-28-5061 original issue dated 18 May 2017.

The use of later approved revisions of these 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 11 July 2017 as PAD 17-095 for consultation until 08 August 2017. The Comment Response Document can be found in the [EASA Safety Publications Tool](#), in the compressed (zipped) file attached to the record for this AD.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – EIAL (Airworthiness Office), E-mail: airworthiness.A330-A340@airbus.com.

