



適航指令發布單

Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2018-11-007	發布日期 Date issued	2018/11/22
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A350-941 and A350-1041 aeroplanes, all manufacturer serial numbers, except those on which Airbus modification (mod) 113759 has been embodied in production.		
主旨摘要	Pneumatic – Engine Bleed Air System – Modification 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> <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> <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	2018-0246	
	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 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 36. Ref. Publications: Airbus A350 AFM TR 114 issue 1.0 approval date 17 August 2018. and Airbus SB A350-31-P028 original issue dated 17 September 2018. and Airbus SB A350-31-P029 original issue dated 17 September 2018.		
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.: 2018-0246

Issued: 13 November 2018

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):

A350 aeroplanes

Effective Date: 27 November 2018

TCDS Number(s): EASA.A.151

Foreign AD: Not applicable

Supersedure: None

ATA 36 – Pneumatic – Engine Bleed Air System – Modification

Aircraft Flight Manual – Amendment

Manufacturer(s):

Airbus

Applicability:

Airbus A350-941 and A350-1041 aeroplanes, all manufacturer serial numbers, except those on which Airbus modification (mod) 113759 has been embodied in production.

Definitions:

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

The AFM TR: Airbus A350 Aircraft Flight Manual (AFM) Temporary Revision (TR) 114 issue 1.

The applicable SB: Airbus Service Bulletin (SB) A350-31-P028 (for aeroplanes fitted with Flight Warning System (FWS) standard (STD) S4/2.0) and SB A350-31-P029 (for aeroplanes fitted with FWS STD S5/2.2), as applicable.

Reason:

Due to a misbehaviour in the establishment of the FWS logic, it is possible that the « AIR Auxiliary Power Unit (APU) BLEED LEAK » Electronic Centralized Aircraft Monitoring (ECAM) alert triggers several times. Therefore, several resets of the engine 1 bleed may need to be performed. Each time



the flight crew performs an engine 1 bleed reset, structural parts are exposed to hot air for several seconds.

This condition, if not corrected, could lead to exposure of critical locations and surrounding structure to heat stress, possibly resulting in reduced structural integrity of the aeroplane.

To address this potential unsafe condition, Airbus issued the AFM TR to provide an updated procedure «AIR APU BLEED LEAK» operations, and Flight Operations Transmission (FOT) 999.0062/18, informing operators that Airbus provides two different Temporary Quick Changes (ATQC) to the ECAM, as applicable, depending on the installed FWS standard, either STD S4/2.0 or STD S5/2.2.

Installation of that ATQC is already required by EASA AD 2018-0213, related to a different unsafe condition and is therefore not mandated again by this AD.

For the reasons described above, this AD requires only the amendment of the applicable AFM to update the procedures related to «AIR APU BLEED LEAK» operations.

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

Required as indicated, unless accomplished previously:

AFM Amendment:

- (1) Within 30 days after the effective date of this AD, amend the applicable AFM to incorporate the AFM TR, inform all flight crews, and, thereafter, operate the aeroplane accordingly (see Note 1 of this AD).
- (2) Amending the applicable AFM to incorporate a later AFM revision, which includes the AFM TR as required by paragraph (1) of this AD, is acceptable to comply with the requirements of paragraph (1) of this AD.

Note 1: In case any discrepancy is identified between procedures displayed on the ECAM and procedures stated in the applicable AFM, the AFM procedures prevail.

Ref. Publications:

Airbus A350 AFM TR 114 issue 1.0 approval date 17 August 2018.

Airbus SB A350-31-P028 original issue dated 17 September 2018.

Airbus SB A350-31-P029 original issue dated 17 September 2018.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

FOT 999.0062/18 original issue dated 17 September 2018.



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 Safety 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: continued-airworthiness.a350@airbus.com.

