

 適航指令發布單 Airworthiness Directive Issuance Form			
民航局 AD 編號 AD number	CAA-2017-09-005	發布日期 Date issued	2017/9/11
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A320-251N, A320-271N, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232, A321-251N, A321-253N and A321-271N aeroplanes, all manufacturer serial numbers.		
主旨摘要	ATA 05 – Time Limits / Maintenance Checks – Airworthiness Limitations Section – Part 5 – Fuel Airworthiness Limitations – 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	2017-0169	
	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 2014-0260(CAA-2014-12-002) dated 05 December 2014. Ref. Publications: A318/A319/A320/A321 ALS Part 5 Revision 04, dated 06 April 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.: 2017-0169

Issued: 07 September 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):

A318, A319, A320 and A321 aeroplanes

Effective Date: 21 September 2017

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2014-0260 dated 05 December 2014.

ATA 05 – Time Limits / Maintenance Checks – Airworthiness Limitations Section – Part 5 – Fuel Airworthiness Limitations – Amendment

Manufacturer(s):

Airbus (formerly Airbus Industrie)

Applicability:

Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A320-251N, A320-271N, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232, A321-251N, A321-253N and A321-271N aeroplanes, all manufacturer serial numbers.

Reason:

The Fuel Airworthiness Limitations (FAL) for Airbus A320 family aeroplanes, which are approved by EASA, are currently defined and published in the Airbus A318/A319/A320/A321 Airworthiness Limitations Section (ALS) Part 5 document. These instructions have been identified as mandatory for continued airworthiness.

Failure to accomplish these instructions could result in a fuel tank explosion and consequent loss of the aeroplane.



Prompted by an accident of a Boeing 747-131 (Flight TWA800), the Federal Aviation Administration (FAA) published Special Federal Aviation Regulation (SFAR) 88, and the Joint Aviation Authorities (JAA) published interim Policy INT/POL/25/12. In response to these regulations, Airbus conducted a design review to develop FAL for Airbus A320 family aeroplanes.

The FAL were specified in Airbus A318/A319/A320/A321 FAL document ref. 95A.1931/05 at issue 04 for A318/A319/A320/A321 aeroplanes. This document was approved by EASA and is now referenced in Airbus A318/A319/A320/A321 ALS Part 5 to comply with EASA policy statement (EASA D2005/CPRO).

Previously, EASA issued AD 2014-0260 to require accomplishment of all FAL-related actions as described in ALS Part 5 at Revision 01. ALS Part 5 Revision 02 and 03 were not mandated because no significant changes were introduced with these Revisions. The new ALS Part 5 Revision 04 (hereafter referred to as 'the ALS' in this AD) includes new and/or more restrictive requirements and extends the applicability to model A320-251N, A320-271N, A321-251N, A321-253N and A321-271N aeroplanes.

For the reasons described above, this AD retains the requirements of EASA AD 2014-0260, which is superseded, and requires implementation of the actions specified in the ALS.

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

Required as indicated, unless accomplished previously:

Maintenance Tasks and Replacement of Life Limited Parts:

- (1) From the effective date of this AD, accomplish the following actions, as specified in the ALS, as applicable to aeroplane model and depending on aeroplane configuration:
 - (1.1) Replace each component before exceeding the applicable life limit (see Note 1 of this AD), and
 - (1.2) Within the thresholds and intervals (see Note 1 of this AD), accomplish all applicable maintenance tasks.

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

Corrective Action(s):

- (2) In case of finding discrepancies during accomplishment of any task as required by paragraph (1) of this AD, before next flight, accomplish the applicable corrective action(s) in accordance with the applicable Airbus maintenance documentation. If a detected discrepancy cannot be corrected by using existing Airbus instructions, before next flight, contact Airbus for approved instructions and accomplish those instructions accordingly.

Aircraft Maintenance Programme (AMP) Revision:

- (3) 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, maintenance tasks and associated thresholds and intervals described in the ALS, as applicable to aeroplane model and depending on the aeroplane configuration.

Credit:

- (4) For an AMP that, on the effective date of this AD, is already updated to incorporate the maintenance tasks and life limitations as specified in a previous ALS Part 5 Revision, that action ensures (see Note 3 of this AD) the continued accomplishment of those tasks and limitations.

Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and more restrictive tasks and limitations (see Note 2 of this AD), as applicable to aeroplane model and depending on aeroplane configuration, as defined in, and 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 more restrictive tasks and limitations (see Note 2 of this AD), as applicable to aeroplane model and depending on aeroplane configuration, as defined in the ALS into the AMP to comply with paragraph (3) of this AD.

Note 2: For the purpose of this AD, ‘the new and more restrictive tasks and limitations’ include all tasks and limitations that have been included in the applicable ALS Part 5 since the previous Revision that is currently incorporated in the AMP.

Recording AD compliance:

- (5) When the AMP of an aeroplane has been revised as required by paragraph (3) or (4) of this AD, as applicable, that action ensures (see Note 3 of this AD) continued accomplishment of the tasks as required by paragraphs (1) and (2) of this AD for that aeroplane. Consequently, after revising the AMP, as required by paragraph (3) or (4) of this AD, as applicable, it is not necessary that accomplishment of individual tasks is recorded for demonstration of AD compliance on a continued basis.

Note 3: For affected A318, A319, A320 and A321 aeroplanes registered in Europe, complying with the approved AMP, as specified in paragraph (3) or (4) of this AD, as applicable, is required by Commission Regulation (EU) [1321/2014](#), Part M.A.301, paragraph 3.

Ref. Publications:

A318/A319/A320/A321 ALS Part 5 Revision 04, dated 06 April 2017.

The use of later approved variations or revisions of this 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 14 June 2017 as PAD 17-074 for consultation until 12 July 2017 and republished on 01 August 2017 as PAD 17-074R1 for consultation until 15 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 – Airworthiness Office – EIAS; Fax +33 5 61 93 44 51;
E-mail: account.airworth-eas@airbus.com.

