



Airworthiness Directive

AD No.: 2019-0189

Issued: 31 July 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):

A320 aeroplanes

Effective Date: 14 August 2019

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: None

ATA – Aircraft Flight Manual Section Limitations – Amendment

Manufacturer(s):

Airbus

Applicability:

Airbus A320-251N, A320-253N, A320-271N and A320-273N aeroplanes, all manufacturer serial numbers.

Definitions:

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

The applicable AFM TR: Airbus Aircraft Flight Manual (AFM) Temporary Revision (TR) 773 issue 1, TR 774 issue 1, TR 775 issue 1 and TR 776 issue 1, as applicable.

Reason:

Analysis and laboratory testing of the behaviour of the flight control laws of the A320neo identified a reduced efficiency of the angle of attack protection when the aeroplane is set in certain flight configurations and in combination with specific manoeuvres commanded by the flight crew, as described through Section 2 of Airbus Flight Operations Transmission 999.0059/19.

This condition, although never encountered during operations, if not corrected, could lead to excessive pitch attitude, possibly resulting in increased flight crew workload.



To address this potential unsafe condition, Airbus issued the AFM TR, limiting the centre of gravity envelope, which prevents the aforementioned condition, and the Flight Operations Transmission 999.0059/19, providing aeroplane loading recommendations.

For the reason described above, this AD requires amendment of the applicable AFM by incorporating the applicable AFM TR.

This AD is considered to be an interim action and further AD action may follow.

The potential unsafe condition addressed by this AD and related required actions are different from those addressed by EASA AD 2019-0171R1 for A321neo aeroplanes.

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

Required as indicated, unless accomplished previously:

AFM Change:

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

Ref. Publications:

Airbus A320 AFM TR 773 issue 1, EASA approval date 19 July 2019.

Airbus A320 AFM TR 774 issue 1, EASA approval date 19 July 2019.

Airbus A320 AFM TR 775 issue 1, EASA approval date 19 July 2019.

Airbus A320 AFM TR 776 issue 1, EASA approval date 19 July 2019.

The use of later approved revisions of the above-mentioned 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. 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.

