



Airworthiness Directive

AD No.: 2019-0214

Issued: 30 August 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):

A380 aeroplanes

Effective Date: 13 September 2019

TCDS Number(s): EASA.A.110

Foreign AD: Not applicable

Supersedure: None

ATA 57 – Wings – Trailing Edge Flap Track #2 and #5 Supports – Modification

Manufacturer(s):

Airbus

Applicability:

Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers, except those that have embodied Airbus modification 77208 in production.

Definitions:

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

Affected part: Supports of wing trailing edge (TE) flap tracks #2 and #5, both left-hand (LH) and right-hand (RH) sides.

The applicable SB: Airbus Service Bulletin (SB) A380-57-8192 (tracks #2, LH and RH sides) and SB A380-57-8195 (tracks #5, LH and RH sides), as applicable.

Groups:

Group 1 aeroplanes are those that do not have Airbus modification (mod) 76306 and mod 76307 embodied in production.

Groups 2 aeroplanes are those that have mod 76306 and mod 76307 embodied in production.



Reason:

Prompted by flap track vibration reports, a re-assessment of the aerodynamic loads and the capability of the track compression pads was made. Furthermore, the analysis of the single load path fatigue and crack propagation scenario showed that the affected parts would not safely reach aeroplane full life.

This condition, if not corrected, could lead to failure and consequent in-flight loss of a wing TE flap track support, including the attached flap, possibly resulting in reduced control of, or damage to, the aeroplane.

To address this potential unsafe condition, Airbus published the applicable SB, providing instructions to modify the compression pads, located at the aft attachment area of each affected part.

For the reason described above, this AD requires modification of the affected parts.

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

Required as indicated, unless accomplished previously:

Modification:

Within the compliance time specified in Table 1 of this AD, as applicable, modify each affected part in accordance with the instructions of the applicable SB.

Table 1 – Wing TE Flap Tracks Modification

Aeroplanes	Compliance Time
Group 1	Before exceeding 8 800 flight cycles (FC) since aeroplane first flight
Group 2	Before exceeding 3 200 FC since aeroplane first flight

Ref. Publications:

Airbus SB A380-57-8192 original issue dated 05 April 2019.

Airbus SB A380-57-8195 original issue dated 05 April 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. This AD was posted on 16 July 2019 as PAD 19-130 for consultation until 13 August 2019. 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 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 – EIANA (Airworthiness Office), Telephone: +33 562 110 253, Fax: +33 562 110 307, E-mail: account.airworth-A380@airbus.com.

