

## Airworthiness Directive

**AD No.:** 2020-0133

**Issued:** 10 June 2020

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):

A318, A319, A320 and A321 aeroplanes

**Effective Date:** 24 June 2020

**TCDS Number(s):** EASA.A.064

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 26 – Fire Protection – Cargo Door Seals – Cleaning / Greasing

### 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, A319-151N, A319-153N, A319-171N, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A320-251N, A320-252N, A320-253N, A320-271N, A320-272N, A320-273N, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232, A321-251N, A321-251NX, A321-252N, A321-252NX, A321-253N, A321-253NX, A321-271N, A321-271NX, A321-272N and A321-272NX aeroplanes, all manufacturer serial numbers.

### Definitions:

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

**Affected parts:** Forward and aft cargo door seals, having Part Number (P/N) D523-71060-200-00, P/N D523-71060-202-00 or P/N D523-71060-204-00 (for A319, A320 and A321 aeroplanes); P/N D523-73001-200-00 or P/N D523-73001-202-00 (for A318 aeroplanes); and bulk cargo door seals, having P/N D523-72002-200-00 or P/N D523-72002-202-00.

**The TA:** Airbus Technical Adaptation (TA) 80774334/003/2020 (cleaning and greasing description task).

**Aeroplane date of manufacture:** The date of transfer of title (ownership) at the time of first delivery to an operator, which is referenced in Airbus documentation.

**Groups:** Group 1 aeroplanes are those that have an affected part installed.

Group 2 aeroplanes are those that do not have an affected part installed. An aeroplane on which Airbus modification 165576 has been embodied in production is Group 2, provided that no affected part has been installed on that aeroplane since its date of manufacture.

**Reason:**

During a halon concentration test, performed in the forward and aft cargo compartments, the outcomes revealed that the halon concentration was lower than expected due to air leakage through cargo door seals.

This condition, if not corrected, could affect the fire extinguishing system efficiency in the cargo compartments, possibly resulting in failure of the system to contain a cargo compartment fire.

To address this potential unsafe condition Airbus issued the TA, providing instructions for repetitive cleaning and greasing of affected parts.

For the reasons described above, this AD requires repetitive cleaning and greasing of affected parts.

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

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

Required as indicated, unless accomplished previously:

**Cleaning and Greasing:**

- (1) For Group 1 aeroplanes: Within 6 months after the aeroplane date of manufacture, or 3 months after the effective date of this AD whichever occurs later, and, thereafter, at intervals not exceeding 6 months, clean and grease each affected part in accordance with the instructions of the TA.

**Parts Installation:**

- (2) For Group 2 aeroplanes: From the effective date of this AD, do not install an affected part on any aeroplane.

**Ref. Publications:**

Airbus TA 80774334/003/2020 issue 01 dated 01 April 2020.

The use of later approved revisions of the above-mentioned 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. 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](mailto: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 – IIASA; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).

Superseded

