



## Airworthiness Directive

**AD No.:** 2019-0227

**Issued:** 11 September 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):

A319 and A320 aeroplanes

**Effective Date:** 25 September 2019

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

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 92 – Electric and Electronic Common Installation – Electrical Wiring – Modification

### Manufacturer(s):

Airbus, formerly Airbus Industrie

### Applicability:

Airbus A319-112, A319-115, A319-132, A320-214, A320-216, A320-232 and A320-233 aeroplanes, all manufacturer serial numbers, as listed in Airbus Service Bulletin (SB) A320-92-1127, except those on which Airbus modification 159114 has been embodied in production.

### Definitions:

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

**The SB:** Airbus SB A320-92-1127.

### Reason:

During installation process, a possible interference was identified between 1M and 2M wiring harnesses and the tapping units. It was determined that the root cause for this interference was caused by a modified optional tapping unit design, reducing the clearance between the wire harnesses and the tapping unit. Further investigation determined that interference could potentially occur on the lavatory smoke detection system and/or on the passenger oxygen system.



This condition, if not corrected, could lead to loss of the lavatory smoke detection and/or the passenger oxygen system commands, thus preventing the delivery of passenger oxygen during an emergency and possibly resulting in injury to aeroplane occupants.

To address this potential unsafe condition, Airbus issued the SB to identify the affected population and to provide instructions for re-routing of the 1M and 2M harnesses.

For the reason described above, this AD requires modification of the 1M and 2M harness routing.

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

Required as indicated, unless accomplished previously:

#### **Modification:**

Within 60 months or 8 500 flight hours, whichever occurs first after the effective date of this AD, modify the 1M and 2M harness routing in accordance with the instructions of the SB.

#### **Ref. Publications:**

Airbus SB A320-92-1127 original issue dated 27 March 2018.

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. This AD was posted on 08 March 2019 as PAD 19-037 for consultation until 05 April 2019. The Comment Response Documents 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](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 – EIAS; Fax +33 5 61 93 44 51; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).

