



## Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 18-085**

**Issued: 20 June 2018**

Note: This Proposed Airworthiness Directive (PAD) 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.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

**Design Approval Holder's Name:**

AIRBUS

**Type/Model designation(s):**

A320 aeroplanes

**Effective Date:** [TBD - standard: 14 days after AD issue date]

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

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 92 – Electrical and Electronic Common Installation – Harness Routing into Centre Wing Box – Modification

#### Manufacturer(s):

Airbus (formerly Airbus Industrie)

#### Applicability:

Airbus A320-214, A320-216, A320-232 and A320-233 aeroplanes, all manufacturer serial numbers on which Airbus modification (mod) 155636 has been embodied in production, except those on which Airbus mod 158379 has been embodied in production.

#### Reason:

A Zonal Safety review identified previously undetected contacts between harnesses and the centre tank structure. Investigation determined that these contacts were introduced with a new harness routing upon installation of a common fuel quantity indicating system across A320 family aeroplanes (Airbus mod 155636).

This condition, if not corrected, could create, in case of lightning strike occurring while an important chafing has developed, an ignition source inside the centre fuel tank, possibly resulting in a fuel tank explosion and consequent loss of the aeroplane.



To address this potential unsafe condition, Airbus issued Service Bulletin (SB) A320-92-1121 to provide instructions for modification of the harnesses.

For the reason described above, this AD requires modification of harnesses 17QT and 18QT of the common fuel quantity indicating system by introducing longer spacers and additional clamps.

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

Required as indicated, unless accomplished previously:

**Modification:**

Within 144 months after the effective date of this AD, modify harnesses 17QT and 18QT of the common fuel quantity indicating system in accordance with the instructions of Airbus SB A320-92-1121.

**Ref. Publications:**

Airbus SB A320-92-1121 original issue dated 11 October 2017.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

**Remarks:**

1. This Proposed AD will be closed for consultation on 18 July 2018.
2. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
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](mailto:account.airworth-eas@airbus.com).

