



Airworthiness Directive

AD No.: 2020-0158

Issued: 16 July 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:

PILATUS AIRCRAFT Ltd

Type/Model designation(s):

PC-24 aeroplanes

Effective Date: 30 July 2020

TCDS Number(s): EASA.A.594

Foreign AD: Not applicable

Supersedure: None

ATA 91 – Air Vehicle Wiring – Electrical Harness Installation – Modification

Manufacturer(s):

Pilatus Aircraft Ltd

Applicability:

PC-24 aeroplanes, manufacturer serial numbers (MSN) 101 to MSN 160 inclusive.

Definitions:

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

The SB: Pilatus Aircraft PC-24 Service Bulletin (SB) 91-001.

Reason:

During production, electrical harness installations on some PC-24 aeroplanes were found not to comply with the approved design.

This condition, if not corrected, could lead to wire chafing and potential arcing, or to failure of wires having the incorrect length, possibly resulting in loss of system redundancy, or generation of smoke and smell, or loss of power plant fire protection function.

To address this potential unsafe condition, Pilatus issued the SB, providing instructions to improve the electrical harness installations in the nose bay, cockpit, fuselage, wing fairing and rear fuselage areas.



For the reason described above, this AD requires modification of the electrical harness installations.

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

Required as indicated, unless accomplished previously:

Modification:

During the next annual inspection, or within 12 months after the effective date of this AD, whichever occurs later, modify the electrical harness installations in accordance with the instructions of the SB.

Ref. Publications:

Pilatus Aircraft PC-24 SB 91-001 original issue dated 07 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. This AD was posted on 12 June 2020 as PAD 20-093 for consultation until 10 July 2020. No comments were received during the consultation period.
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](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: Pilatus Aircraft Ltd, Customer Support General Aviation, CH-6371 Stans, Switzerland Telephone: +41 848 24 7 365, E-mail: techsupport.ch@pilatus-aircraft.com, Website: www.pilatus-aircraft.com.

