



Notification of a Proposal to an Airworthiness Directive

PAD No.: 20-093

Issued: 12 June 2020

Note: This Proposed Airworthiness Directive (PAD) 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.

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:

PILATUS AIRCRAFT Ltd

Type/Model designation(s):

PC-24 aeroplanes

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

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. This Proposed AD will be closed for consultation on 10 July 2020.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: 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 PAD, 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.

