Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 24-144

Issued: 25 November 2024

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 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 – Aeroplane Flight Manual – Section Normal Procedures / Flight Director Lateral Offset – Amendment

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Manufacturer(s):
Pilatus Aircraft Ltd

Applicability:
PC-24 aeroplanes, all manufacturer's serial numbers (MSN).

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

The AFM TR: Pilatus PC-24 Aeroplane Flight Manual (AFM) Temporary Revision (TR) 02371-075.

Reason:
An occurrence was reported of inaccurate flight director on approach with APEX Build 5.3 and below. Subsequent investigation determined that heading splits can cause errors in the flight director calculations resulting in lateral offsets to the desired approach course.

This condition, if not corrected, could lead to increased pilot workload, resulting in a reduction of the safety margins.

To address this potential unsafe condition, Pilatus issued the AFM TR, as defined in this AD, to provide operators with the instructions to implement an Abnormal Procedure.

For the reason described above, this AD requires implementing the AFM-TR.

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

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

Required as indicated by this AD, unless the actions required by this AD have been already accomplished:

AFM Amendment:

(1) Within 30 days after the effective date of this AD, implement the AFM-TR, inform all flight crews and, thereafter, operate the aeroplane accordingly.

(2) Amending the AFM by inserting the AFM-TR, or a later AFM revision, which includes the AFM amendment as required in this AD, is acceptable to comply with the requirements of paragraph (1) of this AD.

Ref. Publications:

Pilatus PC-24 AFM TR 02371-075 original issue dated 15 October 2024.

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 09 December 2024.

2. Enquiries regarding this PAD should be referred to the EASA Safety 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. This may include reporting on the same or similar components, other than those covered by the design to which this PAD 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.

4. For any question concerning the technical content of the requirements in this PAD, please contact: Pilatus Aircraft Ltd Technical Support, CH-6371 Stans, Switzerland, Telephone: +41 848 247 365, E-mail: techsupport.ch@pilatus-aircraft.com, Website: www.pilatus-aircraft.com.