



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)	FOCA AD HB-2025-001-E
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	01 May 2025 Pilatus – PC-21 FOCA TC/TCDS No: F 56-35

Issue Date: 29 April 2025

ATA Chapter: ATA 95 – Crew Escape and Safety

Subject: **Crew Escape and Safety – Ejection Seats – Barostatic Time Release Unit Sear – Inspection**

Foreign AD: Not applicable

Supersedure / Revised AD(s): None

Type Certificate Holder’s Name: Pilatus Aircraft Ltd.

Manufacturer(s): Pilatus Aircraft Ltd.

Applicability: Model PC-21 aeroplanes, all Manufacturers Serial Numbers (MSN) with Martin-Baker Mk 16 ejection seats installed.

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

The Service Bulletin (SB):
Pilatus Aircraft PC-21 SB 95-010.

The Special Information Leaflet:
Martin-Baker Aircraft Company Limited
Special Information Leaflet No. 948

Affected part:
Barostatic Time Release Unit (BTRU) assemblies installed in the front and rear ejection seats with an incorrectly cocked sear.

Serviceable part:
BTRU assemblies installed in the front and rear ejection seats with a correctly cocked sear.

Affected aeroplane:
Any aeroplane having an affected part installed.

Reason: An occurrence was reported where after a maintenance event a BTRU with a partially cocked sear on an ejection seat was detected.

This condition, if not corrected, could lead to a malfunction of the ejection seats under certain conditions possibly resulting in severe injuries.

To address this potential unsafe condition, Pilatus issued the SB and Martin-Baker issued the Special Information Leaflet to provide inspection instructions.

For the reason described above, this AD requires the inspection of the BTRU in the front and rear ejection seats, as defined in this AD, and prohibits (re-)installation of affected parts.

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

Required as indicated below, unless already accomplished:

Inspection:

- (1) Before the next flight after the effective date of this AD, inspect the BTRU assemblies installed in the front and rear ejection seats in accordance with the instructions of section 3.B. of the Pilatus SB and the Martin-Baker Special Information Leaflet.

Corrective action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, discrepancies are detected, as identified in the applicable SB and the Special Information Leaflet, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the Special Information Leaflet.

Parts Installation:

- (3) From the effective date of this AD, it is allowed to install a BTRU assembly in the front and rear ejection seats, provided it is a serviceable part, as defined in this AD.

Ref. Publication(s):

Pilatus Aircraft PC-21 SB 95-010 original issue dated 23 April 2025.

Martin-Baker Aircraft Company Special Information Leaflet No. 948 original issue dated 10 April 2025.

The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.

**For further information
contact:**

The applicable manufacturer's documentation may be obtained directly from:

PILATUS AIRCRAFT LTD.
Customer Technical Support (MCC)
Pilatusstrasse 1
CH-6371 Stans, Switzerland

Tel.: +41 (0)41 619 30 76
E-mail: Techsupport@pilatus-aircraft.com

Website: www.pilatus-aircraft.com

For further information contact:

FEDERAL OFFICE OF CIVIL AVIATION (FOCA)
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