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| Lufttüchtigkeitsanweisung (LTA)<br>Consigne de Navigabilité (CN)<br>Direttive sulla Navigabilità (DN)<br>Airworthiness Directive (AD) |                         | FOCA AD<br><b>HB-2020-012-E</b>                    |
| Inkraftsetzung<br>Mise en vigueur<br>Entrata in vigore<br>Effective Date  | <b>07 December 2020</b> | <b>Pilatus – PC-21</b><br>FOCA TC/TCDS No: F 56-35 |

**Issue Date:** 03 December 2020

**ATA Chapter:** ATA 95 – Crew Escape and Safety

**Subject:** **Crew Escape and Safety – Ejection Seats – Harley-Type Buckle Assemblies on the Seat Harnesses – Inspection**

**Foreign AD** Ministère des Armées – Direction générale de l’armement (DGA) of France AD DGA-2020-070

**Supersedure / Revised AD(s):** Not applicable

**Type Certificate Holder’s Name:** Pilatus Aircraft Ltd.

**Manufacturer(s):** Pilatus Aircraft Ltd.

**Applicability:** Model PC-21 aeroplanes, Manufacturers Serial Numbers (MSN) 101 through MSN 313.

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

**The Service Bulletin (SB)s:**  
Pilatus Aircraft PC-21 SB 95-008.  
IrvinGQ SB IGQSB033.

**The Special Information Leaflet:**  
Martin-Baker Aircraft Company Special Information Leaflet No. 864

**Affected part:**  
Harley-type buckle assemblies installed on the seat harnesses of the front and rear ejection seats with incorrectly installed release bar retaining screws on a harness.

**Serviceable part:**  
Harley-type buckle assemblies installed on the seat harnesses of the front and rear ejection seats with correct installed release bar retaining screws on a harness shoulder strap buckle.

**Affected aeroplane:**  
Any aeroplane having an affected part installed.

**Reason:** An occurrence was reported where in an in service event a missing release bar retaining screw on a Harley-type buckle assembly installed on a harness shoulder strap on an ejection seat was detected.

This condition, if not corrected, could lead to loss of pilot restraint and consequently loss of aeroplane control or severe injuries to the crew.

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

For the reason described above, this AD requires the inspection of the Harley-type buckle assemblies on the seat harnesses of 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 Harley-type buckle assemblies on the seat harnesses of the front and rear ejection seats in accordance with the instructions of section 3.B. of the Pilatus SB, the Martin-Baker Special Information Leaflet and section 2 of the IrvinGQ SB.

**Corrective action(s):**

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

**Parts Installation:**

- (3) From the effective date of this AD, it is allowed to install a Harley-type buckle assembly on the seat harnesses of 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 95-008 original issue dated 27 November 2020.

Martin-Baker Aircraft Company Special Information Leaflet No. 864 original issue dated 25 November 2020.

IrvinGQ SB IGQSB033 original issue dated 20 November 2020.

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  
P.O. Box 992  
CH-6371 Stans, Switzerland

Tel.: +41 (0)41 619 3076

E-mail: [Techsupport@pilatus-aircraft.com](mailto:Techsupport@pilatus-aircraft.com)

Lufttüchtigkeitsanweisung (LTA)  
Consigne de Navigabilité (CN)  
Direttive sulla Navigabilità (DN)  
Airworthiness Directive (AD)

FOCA AD  
**HB-2020-012-E**

For further information contact:

FEDERAL OFFICE OF CIVIL AVIATION (FOCA)  
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