| Bundesamt für Zivilluftfahrt (BAZL) Office fédéral de l'aviation civile (OFAC) Ufficio federale dell'aviazione civile (UFAC) Federal Office for Civil Aviation (FOCA) Maulbeerstasse 9 CH-3303 Berne Switzerland | | Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD) | FOCA AD HB 2000-336 |
|--|------------|---|----------------------|
| Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date | 15.08.2000 | PC-6 FOCA TC No.: F 56-10 | |

Betroffene Muster - Types concernés - Applicabilità - Models affected PILATUS AIRCRAFT LTD.

Model PC-6 Series airplanes.

All Manufacturers Serial Numbers (MSN) up to and including MSN 932.

Anlass / Massnahmen - Objet / Mesures - Oggetto / Provvedimenti - Subject / Action

FUEL RETURN LINE CHECK-VALVE LOCATION

- Inspection.
- Relocation, if necessary.

Fristen - Délais- Scadenza - Compliance

(Required as indicated, unless already accomplished)

As detailed in page 2 of this Airworthiness Directive.

Herkunft - Provenance - Provenienza - Origin

FOCA Airworthiness Directive.

Bezugnahme - Référence - Riferimento - Reference

- PILATUS Service Bulletin PC-6 No.179, dated May 15,2000, or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA)
- PILATUS Service Bulletin PC-6 No.135, dated February 1980,

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

PILATUS AIRCRAFT LTD

CUSTOMER LIAISON MANAGER

TEL. No.: +41 41 619 6509 (Government) FAX No.: +41 41 610 3351 **CH-6371 STANS**

SWITZERI AND

Bemerkungen - Observations - Osservazioni - Remarks

For details refer to page 2.

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FOCA AD

HB 2000-336

Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)



BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland

HB 2000-336 PILATUS AIRCRAFT LTD. – PC-6 (TCDS F 56-10) FUEL RETURN LINE CHECK-VALVE LOCATION

Applicability:

PILATUS AIRCRAFT LTD.

Model PC-6 Series airplanes.

All Manufacturers Serial Numbers (MSN) up to and including MSN 932.

Effective Date : August 15,2000.

Reason:

The first Series of the PC-6 aircraft were constructed with the fuel return-line check valve on the forward side of Frame 1 (the firewall between the engine compartment and the fuselage). This location does not agree with the specified standard for fuel system component location. This problem was found in 1979 and Pilatus issued Service Bulletin No.135, which changes the location of the fuel return-line check valve to the rear of Frame 1. Because Service Bulletin No.135 was not mandatory there might still be aircraft which have the valve on the forward side of Frame 1.

Pilatus issued now Mandatory Service Bulletin PC-6 No.179, dated May 15, 2000, which describes the procedure to find the location of the fuel return-line check valve.

This Airworthiness Directive requires an inspection to determine the location of the fuel return-line check valve (SB 179) and, relocation of the check valve, if necessary.(SB 135).

<u>Compliance</u>: (Required as indicated, unless already accomplished)

To meet the specified standard or fuel system component location, accomplish the following:

- (a) Required within the next six (6) months after the effective date of this Airworthiness Directive:
 - (1) Perform a one time inspection to determine the location of the fuel return-line check valve in accordance with Pilatus Mandatory Service Bulletin PC-6 No.179. If the inspection shows that there is a standard pipe union on the right side of the fuel return line, the fuel return-line check valve is **correctly installed** on the left side of the aircraft **behind Frame 1**; no further action is required by this AD.
 - (2) If during the inspection required by paragraph (a)(1) any fuel return-line check valve is found to be installed **forward of Frame 1**(on the right-hand side); **relocate** the fuel return-line check valve in accordance with the Accomplishment Instructions of Pilatus Service Bulletin PC-6 No.135.
- (b) The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS Service Bulletin PC-6 No.179, dated May 15, 2000 and PILATUS Service Bulletin PC-6 No.135, dated February 1980, or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA) Type Certification Section (FM),

Maulbeerstrasse 9

CH-3003 Berne, Fax (+41) 31 325 8051 (or) Switzerland Fax (+41) 31 322 5918

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