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-3003 Berne Switzerland	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)	FOCA AD HB 2000-041	
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	<b>PC-6</b> FOCA TC No.: F 56-10		

# Betroffene Muster - Types concernés - Applicabilità - Models affected

### PILATUS AIRCRAFT LTD.

Model PC-6 Series airplanes. Manufacturers Serial Numbers : MSN 667, MSN 917 thru 929 and MSN 931.

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

FUEL PIPE INSTALLATION IN THE FUSELAGE	•	Reversion to original	configuration
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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. 177, dated January 10,2000, or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).
- AFM Temporary Revision: "TR-FUEL 1", dated August 26,1999.

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

PILATUS AIRCRAFT LTD CUSTOMER LIAISON MANAGER CH-6371 STANS SWITZERLAND

TEL. No.: +41 41 619 6509 (Government) FAX No.: +41 41 610 3351

# Bemerkungen - Observations - Osservazioni - Remarks

• For details refer to page 2.

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



BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland

# HB 2000-041PILATUS AIRCRAFT LTD. – PC-6 (TCDS F 56-10)FUEL PIPE INSTALLATION IN THE FUSELAGE

# Applicability :

# PILATUS AIRCRAFT LTD.

Model PC-6 Series airplanes.

Manufacturers Serial Numbers : MSN 667, MSN 917 thru 929 and MSN 931.

Effective Date : February 15,2000.

# Reason :

This Airworthiness Directive (AD) is prompted by an instance where fuel pressure fluctuation has been experienced during a factory-test flight. Changes to the routing of the forward fuel-tank outer supply-lines can cause fuel pressure fluctuations during climb if the fuel level in the tank is low.

This Airworthiness Directive (AD) requires the amendment of the Airplane Flight Manual (AFM) with a Temporary Revision, mandating to keep the auxiliary fuel (booster) pump on during aircraft climb and reversion to the original configuration of fuel pipe installation in the fuselage.

# **Compliance :**

(Required as indicated, unless already accomplished)

To prevent fuel pressure fluctuations, which could result in fuel starvation, accomplish the following :

- (a) Before further flight:
  - (1) Amend the PC-6 Airplane Flight Manual (AFM) with AFM Temporary Revision: "TR-FUEL 1", dated August 26,1999, and operate aircraft accordingly.
- (b) Within the next 100-hrs time-in-service (TIS) after the effective date of this AD:
  - (1) Modify fuel pipe installation in the fuselage in accordance with the Accomplishment Instructions PILATUS Service Bulletin PC-6 No. 177.
- (c) Incorporation of Service Bulletin PC-6 No.177 constitutes terminating action for the requirements of paragraph (a)(1) of this AD. The AFM Temporary Revision may be removed after accomplishment.
- (d) The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS Service Bulletin PC-6 No. 177, dated January 10, 2000, 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 9CH-3003 Berne,SwitzerlandFax (+41) 31 325 8051 (or)Fax (+41) 31 322 5918

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