

**Lufttüchtigkeitsanweisung  
Consigne de navigabilité  
Prescrizione di aeronavigabilità  
Airworthiness directive**

HB 96-139

Inkraftsetzung  
Mise en vigueur  
Entrata in vigore  
Effective Date

**18.03.1996**

**Betroffene Muster - Types concernés - Applicabilità - Models affected**

PILATUS AIRCRAFT LTD.- All PC-12 aircraft, Serial Number 101 and upwards that have not been modified in accordance with Pilatus PC-12 Service Bulletin No:29-001.

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

HYDRAULIC HANDPUMP INSTALLATION

- a) Temporary Pilot's Operating Handbook revision
- b) Modification

**Fristen - Délais - Scadenza - Compliance**

- a) Temporary Pilots Operating Handbook Revision : Insertion before further flight
- b) Emergency Hydraulic Handpump Installation : Modification within the next 300 hours time-in-service (TIS), but not later than 30.September 1996

**Herkunft - Provenance - Provenienza - Origin**

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**Bezugnahme - Référence - Riferimento - Reference**

- Pilatus PC-12 Pilots Operating Handbook - Temporary Revision issued March 8,1996  
*ANNEX 1 (Page 3) of this Airworthiness Directive.*
- Pilatus PC-12 Service Bulletin No:29-001

**Bemerkungen - Observations - Osservazioni - Remarks**

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FOCA AD  
HB 96 - 139

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BAZL Schweiz  
OFAC Suisse  
UFAC Svizzera  
FOCA Switzerland

**Reason**

It has been found that failure of the emergency hydraulic hand pump check valve can cause movement of the stowed pump handle which could interfere with the engine Power Control Lever (PCL)

**Action**

In order to prevent contact with the PCL mechanism this AD introduces a temporary revision to the Pilot's Operating Handbook (POH) which requires the hydraulic hand pump handle to be in the extended position during aircraft operation and modification of the hand pump installation which is considered as a terminating action for this AD.

**Compliance**

- a) Before further flight - insert the Temporary Revision dated March 8, 1996 in the PC-12 Pilot's Operating Handbook and operate aircraft accordingly. Revision of the Pilot's Operating Handbook (POH) may be accomplished by inserting a copy of ANNEX 1 (page 3 of this AD) into the POH.
- b) Within the next 300 hours time-in-service (TIS), but not later than 30. September 1996, modify the emergency hydraulic handpump installation in accordance with Pilatus PC-12 Service Bulletin No: 29-001.
- c) Incorporation of Pilatus PC-12 Service Bulletin No: 29-001 constitutes terminating action for the requirements of paragraph a) of this AD. The POH Temporary Revision may be removed after accomplishment of this modification.

**FOR FURTHER INFORMATION CONTACT:**

Federal Office for Civil Aviation (FOCA) Type Certification Section (FM), Maulbeerstrasse 9,  
CH-3003 Berne, Switzerland / Facsimile ( +41) 31 325 80 48

**PC-12 PILOT'S OPERATING HANDBOOK  
PILATUS REPORT NO. 01973-001**

**TEMPORARY REVISION**

A case has been reported where failure occurred of the non return valve in the delivery line from the hydraulic hand pump. This allowed main hydraulic pressure into the hand pump and caused the hand pump handle to come in contact with the top of the nosewheel well. This resulted in the pump body moving upwards, impacting on the PCL quadrant assembly and causing stiffness in the PCL movement in flight.

Until modification action has been embodied the following action should be followed:

**SECTION 4 - NORMAL PROCEDURES**

**4.6 BEFORE TAXIING**

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Add the following additional item:

Hydraulic hand pump handle      PULL OUT. MAKE SURE HANDLE PULLS OUT FREELY.  
DO NOT MOVE THE HANDLE UPWARDS. DO NOT  
STOW HANDLE, LEAVE OUT FOR DURATION OF  
FLIGHT.

If the hand pump handle cannot be pulled out freely, maintenance action should be taken before flight.

**4.19 SHUTDOWN**

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Hydraulic hand pump handle      PUSH IN TO THE STOWED POSITION.

If the hand pump handle cannot be stowed correctly, maintenance action should be taken before the next flight.