

Bundesamt für Zivilluftfahrt (BAZL) Office fédéral de l'aviation civile (OFAC) Ufficio federale dell'aviazione civile (UFAC) Federal Office for Civil Aviation (FOCA) Maulbeerstrasse 9 CH-3003 Berne Switzerland	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)	FOCA AD HB 2002-134
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	PILATUS - PC-6 FOCA TC/TCDS No.: F 56-10 ATA 57	

TITLE: **PILATUS AIRCRAFT LTD. – PC-6
HORIZONTAL STABILIZER -TRIM WARNING SYSTEM - Installation**

APPLICABILITY: **PILATUS AIRCRAFT LTD.**
Model PC-6 Series airplanes.
▪ All Manufacturers Serial Numbers (MSN) up to and including MSN 939.

REASON:

There have been reported instances of PC-6 aircraft taking off with the horizontal stabilizer incorrectly trimmed. When airborne this can result in higher than usual stick forces with increasing airspeed. Unless prompt and proper pilot action is taken this condition could lead to loss of control, especially for aircraft with mechanical stabilizer trim.

Despite the aircraft being in compliance with the applicable airworthiness requirements, a review of recent incidents has revealed the potential for improper operation. The Swiss FOCA has therefore found that the installation of a trim warning system will improve safety. Therefore, this Airworthiness Directive (AD) requires the installation of the trim warning system, which gives an audio signal and a visual warning to the pilot when the aircraft is on the ground and the trim is not in the safe-for-takeoff range.

COMPLIANCE:

Required as indicated below, unless already accomplished.

- (a) Within the next 200 hours time in service after the effective date of this AD but not later than 31 December 2002, which ever occurs first, accomplish the following:
- (1) Install the horizontal-stabilizer trim, visual and audio warning-system, as specified in and in accordance with the Accomplishment Instructions of PILATUS PC-6 Service Bulletin No. 180 Revision 1, dated 27 September 2001 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).
 - (2) Insert PC-6 Airplane Flight Manual Supplement Report No. 02207 Rev.1, dated 25 March 2002 into the Airplane Flight Manual (AFM), and operate the aircraft accordingly.

REF. PUBLICATIONS:

- PILATUS PC-6 Service Bulletin No. 180 Revision 1, dated 27 September 2001.
- PILATUS PC-6 Airplane Flight Manual Supplement Report No. 02207 Rev.1, dated 25 March 2002.

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

PILATUS AIRCRAFT LTD	TEL No.: +41 41 619 6580
CUSTOMER LIAISON MANAGER	FAX No.: +41 41 610 3351
CH-6371 STANS , Switzerland	Email: : fodematt@pilatus-aircraft.com

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)	FAX No.: +41 31 325 8051 (or)
Type Certification (MZ)	FAX No.: +41 31 322 5918
Maulbeerstrasse 9	
CH-3003 Berne, Switzerland	

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