

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 2002-001
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	08 February 2002 PILATUS - PC-6 FOCA TC/TCDS No.: F 56-10 ATA 57	

**TITLE: PILATUS AIRCRAFT LTD. – PC-6
AILERON MASS BALANCE WEIGHTS AND FLETTNER TABS - CONFIGURATION**

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

REASON:

The aileron configuration on some PC-6 airplanes may be incorrect due to poor maintenance practices. In particular, configurations may not comply with that specified in PILATUS PC-6 Service Bulletin (SB) No. 62B. This may be caused by not adhering to the publication issued by PILATUS Aircraft Ltd. In addition, suspected counterfeit components that do not comply with original manufacturers data may have been fabricated and installed during maintenance and repairs on airplane.

Incorrect configuration and/or the use of unapproved parts could result in an unsafe condition.

In order to correct the condition described, this Airworthiness Directive (AD) requires a one-time check of the aileron configuration, installation of a placard on certain ailerons and the insertion of a Temporary Revision in the Illustrated Parts Catalog.(IPC)

COMPLIANCE:

(a) Reference Documents

- (1) Actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS PC-6 Service Bulletin No. 57-001, dated December 20, 2001 and applicable portions of Pilatus PC-6 Service Bulletin No.: 62B, issued May 1967, or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).


NOTE: Since SB 62B was embodied, ailerons part numbers P/N: 119.99.06.555 and 119.99.06.556 have been manufactured. These P/Ns are equivalent and interchangeable with P/N: 6106.34.xxx and 6106.0034.xxx.

(b) Required within the next 30 days after the effective date of this AD, unless already accomplished:

- (1) Inspect part numbers of the ailerons, Flettner tabs and mass balance weights installed on each aircraft. Record the part numbers and compare each aileron assembly configuration against that specified in Pilatus PC-6 Service Bulletins and the NOTE referenced in paragraph (a)(1) of this AD.
- (2) If, during the inspection required by paragraph (b)(1) of this AD, aileron configuration does agree; install placard P/N: 110.71.06.343 on each aileron having P/Ns: 6106.10.xxx and 6106.0010.xxx. adjacent to the balance weight installation position, as specified in and in accordance with paragraph 3 B of the Accomplishment Instructions of PILATUS PC-6 Service Bulletin No. 57-001.
- (3) If, during the inspection required by paragraph (b)(1) of this AD, aileron configuration does **not** agree; further flight is prohibited until parts which agree with the correct configuration are installed.
- (4) If the part numbers are missing or cannot be verified, establish the build standard before further operation of the aircraft and contact manufacturer at PILATUS AIRCRAFT LTD, Customer Liaison Manager, CH-6371 STANS, Switzerland; Telephone : +41 41 619 6580; facsimile.: +41 41 610 3351
- (5) Insert Temporary Revision TR 57-01 in the PC-6 IPC

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(c) Spare Parts:

- (1) Inspect part numbers of the aileron, Flettner tab and mass balance weight assemblies held as spare. Record the part numbers and compare each aileron assembly configuration against that specified in Pilatus PC-6 Service Bulletins and the NOTE referenced in paragraph (a)(1) of this AD.
- (2) If, during the inspection required by paragraph (c)(1) of this AD aileron configuration does agree; install placard P/N: 110.71.06.343 on each aileron having P/Ns: 6106.10.xxx and 6106.0010.xxx. adjacent to the balance weight installation position, as specified in and in accordance with paragraph 4 B of the Accomplishment Instructions of PILATUS PC-6 Service Bulletin No. 57-001.
- (3) As of the effective date of this AD, no person shall install any aileron, on any Model PILATUS PC-6 Series airplane, unless the aileron assembly has been inspected, placarded if applicable and installed in accordance with the Accomplishment Instructions specified in Pilatus PC-6 Service Bulletins and the NOTE referenced in paragraph (a)(1) of this AD.

REF. PUBLICATIONS:

- PILATUS PC-6 Service Bulletin No. 57-001, dated December 20, 2001.
- PILATUS PC-6 Service Bulletin No.62B, dated May 1967.
- PILATUS PC-6 Illustrated Parts Catalog (IPC) Temporary Revision No.57-01, dated 04 January 2002.

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 6580
FAX No.: +41 41 610 3351
Email: : fodermatt@pilatus-aircraft.com

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)
Type Certification (MZ)
Maulbeerstrasse 9
CH-3003 Berne, Switzerland

FAX No.: +41 31 325 8051 (or)
FAX No.: +41 31 322 5918

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