



Bundesamt für Zivilluftfahrt (BZL)
Office fédéral de l'aviation civile (OFA)
Ufficio federale dell'aviazione civile (UFA)
Federal Office for Civil Aviation (FOA)

Lufttüchtigkeitsanweisung Nr.
Consigne de Navigabilité no
Prescrizione di aeronavigabilità no
Airworthiness Directive No.

HB 86-042

Bern, 19.3.1986

Betrifft - Concerne - Oggetto - Subject

All Pilatus PC-6 Porter and Turbo-Porter up to S/N 840 fitted with electrical longitudinal trim system

Anlass/Massnahmen - Objet/Mesures - Motivo/Provvedimenti - Reason/Actions

Electric trim actuator attachment bracket - Inspection and replacement of bracket

Frist - Délai - Termine - Term

See Service Bulletin under 1.4 COMPLIANCE

Herkunft - Provenance - Provenienza - Origin
Bezugnahme - Référence - Referenza - Reference

Pilatus PC-6 Service Bulletin No. 147

Bemerkungen - Remarques - Osservazioni - Remarks

PLANNING INFORMATION of SB is attached on pages 2, 3 and 4 of this AD

Rechtsmittelbelehrung siehe FM TM-W 80.015-10

Voies de droit, voir FM CT-I 80.015-10

Rimedi giuridici, vedi FM CT-I 80.015-10

Instructions about a person's right to appeal see FM CT-I 80.015-10

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PILATUS AIRCRAFT LTD. 6370 STANS, SWITZERLAND	
	SERVICE BULLETIN
DATE: May 1985	NO: 147

TITLE: ELECTRIC TRIM ACTUATOR ATTACHMENT BRACKET - INSPECTION AND MODIFICATION.

1. PLANNING INFORMATION

1.1 EFFECTIVITY

A. AIRCRAFT AFFECTED

All PC-6 Porter and Turbo-Porter aircraft fitted with electric longitudinal trim system. Pre S/N 840.

NOTE: Installation of modified actuator attachment bracket P/N 116.40.06.033 INDEX A meets the requirements of this Service Bulletin

B. SPARES AFFECTED

Electric trim actuator attachment brackets P/N 116.40.06.033 held as spare should be discarded and replaced with modified attachment brackets P/N 116.40.06.112.

1.2 REASON

An incident has been reported of cracking of the electric trim actuator attachment bracket on FR 12a.

1.3 DESCRIPTION

Accomplishment of this Service Bulletin consists of:

- inspecting the electric trim actuator attachment bracket
 - replacing defective attachment bracket with new attachment bracket
- OR
- if original attachment bracket is not defective, replacing original attachment bracket (but see Para. 1.4 COMPLIANCE).

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1.4 COMPLIANCE

MANDATORY.

Refer also to Pilatus Telex N° 0329/YM dated 21st January 1985.

Inspection: All aircraft should be inspected immediately after receipt of this Service Bulletin.

NOTE: Compliance with Pilatus Telex N° 0329/YM dated 21st January 1985 satisfies the requirements of this Service Bulletin.

Modification: On aircraft on which cracks are found in the attachment bracket, the modification must be embodied as part of the installation procedure after inspection. If the aircraft is fitted with the modified actuator bracket, P/N 116.40.06.033 INDEX A or P/N 116.40.06.112, there is no special inspection requirement.

On aircraft on which no cracks are found, the original attachment bracket may be installed but the inspection procedure detailed in this Service Bulletin must be carried out every subsequent 100 flying hours.

NOTE: Pilatus Aircraft Ltd. strongly recommend that new attachment brackets P/N 116.40.06.112 be installed even when the existing bracket is not cracked.

1.5 APPROVAL

The technical aspects of this Service Bulletin are approved as an AIRWORTHINESS DIRECTIVE by the Federal Office for Civil Aviation (FOCA) of Switzerland.

1.6 MANPOWER

The following approximate manhours are required to accomplish this Service Bulletin:

- Inspection: 2.0 manhour
- Modification: Nil when carried out during Inspection.

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1.7 MATERIAL - COST AND AVAILABILITY

A. MATERIAL

Operators should forward orders for modification kits, quoting this Service Bulletin, to:

PILATUS AIRCRAFT LTD.,
Product Support Dept.,
CH 6370 S t a n s .
SWITZERLAND

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the aircraft MSN, flying hours and landings for which kits are being ordered.

B. COST

Modification kit: SFr. 466.50 / per set

Sales terms stated apply for a period of six months from the original date of this Service Bulletin. Beyond this period, sales terms are liable to be revised.

C. AVAILABILITY

Mod. kits will be dispatched within 30 days of receipt of orders.

1.8 TOOLING - PRICE AND AVAILABILITY

None.

1.9 WEIGHT AND BALANCE

Not affected.

1.10 ELECTRICAL LOAD DATA

Not affected.

1.11 REFERENCE TO OTHER PUBLICATIONS

Illustrated Parts Catalog (IPC).

1.12 PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC).