



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 84-030

Bern, 29.2.1984

Betrifft - Concerne - Oggetto - Subject

Pilatus PC-6 Porter and Turbo Porter up to serial No. 824 with electrically actuated flaps

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

Flaps - Electrical actuator mounting bracket - Inspection and replacement of bracket support structure

Frist - Délai - Termine - Term

See Service Bulletin under paragraph 1.D. COMPLIANCE

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

Pilatus Service Bulletin No. 140, Revision 1

Bemerkungen - Remarques - Osservazioni - Remarks

This AD supersedes AD HB 84-006

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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<b>PILATUS</b> AIRCRAFT LTD. 6370 STANS, SWITZERLAND	
	<b>SERVICE BULLETIN</b>
DATE: Revision 1 15.2.84	NO: 140

Revision 1 applicable to Page 2.

TITLE: FLAPS - ELECTRICAL ACTUATOR MOUNTING BRACKET -  
INSPECT/REPLACE BRACKET SUPPORT STRUCTURE

1. PLANNING INFORMATION

A. EFFECTIVITY

1) AIRCRAFT AFFECTED

All PC-6 Porter and Turbo-Porter aircraft equipped with electrically actuated flaps, up to and including Aircraft Manufacturers Serial No (MSN) 824.

NOTE: Aircraft MSN 825 and subsequent are not affected by this Service Bulletin.

2) SPARES AFFECTED

Support brackets P/N 112.35.08.253 replaced by new bracket assembly P/N 112.35.06.588

Spreader plates P/N 6106.0018.01 redundant.

B. REASON

Two instances have occurred of cracks being found in the bracket supporting the flap actuator mounting bracket.

C. DESCRIPTION

This Service Bulletin gives the procedure for inspecting the affected support bracket for cracks and for replacing the affected support bracket with an improved support bracket assembly.

D. COMPLIANCE

Inspection - MANDATORY

Replacement - Recommended

On aircraft with more than 1000 flight hours, the inspection part of this Service Bulletin must be carried out at or before the next periodic (100 hrs) inspection and at each subsequent periodic (100 hrs) inspection.

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The replacement part of this Service Bulletin must be carried out if cracks are found during inspection. It is recommended that the affected bracket be replaced as soon as is practicable even if no cracks are found.

If a bracket is replaced the new bracket must be inspected every 500 hours in accordance with paragraph C of the Accomplishment Instructions.

E. APPROVAL

This Service Bulletin is approved by the Federal Office for Civil Aviation (F.O.C.A.) of Switzerland. The inspection part of the Service Bulletin is approved by the F.O.C.A. as an AIRWORTHINESS DIRECTIVE.

F. MANPOWER

This Service Bulletin may be accomplished in the following approximate manhours:

- Inspection: 0.5 manhours
- Replacement: 5.0 manhours

G. MATERIAL - COST AND AVAILABILITY

1) MATERIAL

Operators should forward orders for the Modification Kits, quoting this Service Bulletin to:

PILATUS AIRCRAFT LTD.  
Product Support Department  
CH-6370 STANS  
Switzerland

2) COST

Modification Kit SFr. 695.-

Sales terms stated apply for a period of 1 year from the original date of this Service Bulletin. Beyond this period, sales terms are liable to be revised.

3) AVAILABILITY

Modification Kits will be dispatched as soon as possible after receipt of orders.

H. TOOLING - PRICE AND AVAILABILITY

1) PRICE

SFr. (each)

Twist drill	3.0 mm dia	3.--
Twist drill	3.7 mm dia	3.--
Twist drill	4.0 mm dia	3.--
Twist drill	4.5 mm dia	3.--
Twist drill	4.8 mm dia	3.--
Gripping pins	3.0 mm dia (20 req.)	3.--
Gripping pins	4.0 mm dia (14 req.)	3.--

2) AVAILABILITY

Operators should order required tooling with Modification Kits.

I. WEIGHT AND BALANCE

Not affected.

J. REFERENCE TO OTHER PUBLICATIONS

None.

K. PUBLICATIONS AFFECTED

Illustrated Parts Catalog.