



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. HB 84-181
Consigne de Navigabilité no
Prescrizione di aeronavigabilità no
Airworthiness Directive No.

Bern, 27.12.1984

Betrifft - Concerne - Oggetto - Subject

All Pilatus PC-6 Porter and Turbo-Porter up to S/N 826 except S/N 524, 676, 707, 710 and 816

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

Horizontal stabilizer - Inspection of the cap angles - Repair/Modification
- Replacement of existing gusset plates with new gusset plates

Frist - Délai - Termine - Term

See Service Bulletin under D. COMPLIANCE

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

Pilatus Service Bulletin (SB) No. 143

Bemerkungen - Remarques - Osservazioni - Remarks

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

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PILOTUS AIRCRAFT LTD. 6370 STANS, SWITZERLAND	
	SERVICE BULLETIN
ISSUE DATE December 1984	NO: 143

TITLE: HORIZONTAL STABILIZER - REPLACE GUSSET PLATE AT ELEVATOR HINGE ATTACHMENT POINTS

1. PLANNING INFORMATION

A. EFFECTIVITY

1) AIRCRAFT AFFECTED

All PC-6 Porter and Turbo-Porter aircraft up to and including Manufacturer's Serial N° (MSN) 826 with the exception of aircraft included in NOTE below.

NOTE: This Service Bulletin has been incorporated on aircraft MSN 524, 676, 707, 710 and 816, and will be incorporated prior to delivery on aircraft MSN 827 and subsequent.

2) SPARES AFFECTED

Horizontal stabilizers (P/N 6304.0010.51 or 6304.0049.51) held as spare should be modified before installation.

B. REASON

An incident has been reported of the upper and lower cap angles on the horizontal stabilizer cracking at the elevator bearing bracket attachment points.

C. DESCRIPTION

Accomplishment of this Service Bulletin consists of:

- inspecting the cap angles
- removing the existing gusset plates
- installing the new gusset plates.

D. COMPLIANCE

Mandatory.

Inspection: All aircraft must be inspected within 25 flying hours of receipt of this Service Bulletin.

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Repair Scheme: On aircraft on which cracks are found, the repair scheme on this Service Bulletin must be carried out before next flight:

NOTE: If a repair is necessary please state position of crack(s) when ordering mod. kit.
Whether LH upper (LH-U), LH lower (LH-L), RH upper (RH-U), or RH lower (RH-L).

Modification of Gusset Plate: On aircraft on which no cracks are found but on which the bolt hole is less than 3mm (0.120 in.) from edge of cap angle, the modification in this Service Bulletin must be embodied before next flight.

On aircraft on which no cracks are found and on which the bolt hole is not less than 3mm (0.120 in.) from edge of cap angle, the modification in this Service Bulletin is recommended.

E. APPROVAL

The technical aspects of this Service Bulletin are approved as an Airworthiness Directive (AD) by the Swiss Federal Office for Civil Aviation (FOCA).

F. MANPOWER

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

- Inspection: 3.0 manhours
- Modification: 5.0 manhours

G. MATERIAL - COST AND AVAILABILITY

1) MATERIAL

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

PILATUS AIRCRAFT LTD.,
Product Support Dept.,
CH 6370 STANS
SWITZERLAND

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the aircraft MSN, Flying Hours and Landings of the aircraft for which Mod. kits are being ordered.

2) COST

- Gusset Plate Modification Mod Kit SFr.150.-
- Each Single Cap Angle Repair (Repair Scheme) SFr.550.-

Sales terms stated apply for a period of 6 months from the original issue date of this Service Bulletin. Beyond this period, sales terms could be revised.

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3) AVAILABILITY

Mod. kits will be dispatched within 90 days of receipt of order.

H. TOOLING - PRICE AND AVAILABILITY

None.

I. WEIGHT AND BALANCE

Not affected.

J. ELECTRICAL LOAD DATA

Not affected.

K. REFERENCE TO OTHER PUBLICATIONS

PC-6 Service Manual.

L. PUBLICATIONS AFFECTED

Illustrated Parts Catalogue (IPC).