



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 HB 83-017
Prescrizione di aeronavigabilità no
Airworthiness Directive No.

Bern, 09.02.1983

Betrifft - Concerne - Oggetto - Subject

Pilatus PC-6 Porter / Turbo Porter

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

Aileron, elevator and rudder gust locks - modification and replacement

Frist - Délai - Termine - Term

As soon as possible, but not later than 31.05.1983

Herkunft - Provenance - Provenienza - Origin

Bezugnahme - Référence - Referenza - Reference

Pilatus Service Bulletin No. 137

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

Seite 1 von 4

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

Page 1 de 4

Rimedi giuridici, vedi FM CT-I 80.015-10

Pagina 1 di 4

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

Page 1 of 4

BAZL 55.10 - 1.83

PILOTUS AIRCRAFT LTD.; 6370 STANS, SWITZERLAND	
	SERVICE BULLETIN
DATE: Dec '82	NO: 137

TITLE: AILERON, ELEVATOR AND RUDDER GUST LOCKS - MODIFICATION AND REPLACEMENT.

1. PLANNING INFORMATION

1.1 EFFECTIVITY

A. AIRCRAFT AFFECTED

All PC-6 Porter and Turbo-Porter models with the following gust lock ground equipment:

- aileron gust locks P/N 6167.0011.51/52 and P/N 6167.0014.51/52
- rudder gust locks P/N 6367.0016.00 and P/N 6367.0016.52
- elevator gust locks P/N 6367.0010.00, P/N 6367.0029.00, and P/N 6367.0029.52.

This Service Bulletin cancels and supersedes:

- Service Letter N°027 dated August 1976, which introduced new aileron gust locks.
- Service Bulletin N°136 dated September 1981, which introduced new aileron gust locks.

The contents of Service Bulletin N°136 are incorporated into this Service Bulletin.

Operators who have incorporated the modification contained in Service Letter N°027 may continue to use aileron gust locks P/N 110.88.06.256 and P/N 110.88.06.257.

B. SPARES AFFECTED

The following gust locks held as spares are to be modified in accordance with the accomplishment instructions contained in this Service Bulletin:

- rudder gust locks P/N 6367.0016.00 and P/N 6367.0016.52
- elevator gust locks P/N 6367.0010.00, P/N 6367.0029.00 and P/N 6367.0029.52.

Pilatus Service Bulletin N° 137

1.2 REASON

Several fatal accidents have occurred as a result of gust locks not being removed from aircraft prior to takeoff. The gust locks and modifications introduced by this Service Bulletin are designed to give a clear warning to the pilot when the gust locks are in position on the aircraft. The new aileron gust locks secure the ailerons and control stick in the maximum deflection position. With the control stick locked in the maximum aileron deflection position, the pilot's attention will be drawn to the fact that gust locks are in place.

Modifications to the rudder and elevator gust locks enable a large warning flag to be strung between the rudder and elevator.

1.3 DESCRIPTION

This Service Bulletin gives instructions for the introduction of new aileron gust locks, and for modifying existing rudder and elevator gust locks.

Aileron gust locks P/N 6167.0011.51, P/N 6167.0011.52, P/N 6167.0014.51 and P/N 6167.0014.52, must be discarded and replaced with gust locks P/N 110.88.06.310/311. When aileron gust locks P/N 110.88.06.310/311 are used, it is necessary that two travel stops are fitted at each aileron bellcrank. A check must be made to see if the stops are already fitted; if they are not, stops must be installed in accordance with the relevant procedure contained in this Service Bulletin.

Details are also given in this Service Bulletin for modifying the following rudder and elevator gust locks utilized by all Porter and Turbo-Porter models:

- rudder gust locks P/N 6367.0016.00 and P/N 6367.0016.52
- elevator gust locks P/N 6367.0029.00 and P/N 6367.0029.52 fitted to elevators with flettner tabs
- elevator gust lock P/N 6367.0010.00 fitted to elevators without flettner tabs.

1.4 COMPLIANCE

Mandatory.

This Service Bulletin must be incorporated as soon as possible.

1.5 APPROVAL

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

Pilatus Service Bulletin N° 137

1.6 MANPOWER

The following approximate manhours are required to accomplish the various parts of this Service Bulletin:

0.5 manhour is required to modify each of the following:

- rudder gust lock P/N 6367.0016.00 or P/N 6367.0016.52.
- elevator gust lock P/N 6367.0010.00 for aircraft without elevator flettner tabs.
- elevator gust lock P/N 6367.0029.00 or P/N 6367.0029.52 for aircraft with elevator flettner tabs.

0.5 manhour is required to fit FWD aileron travel limiting stop at each aileron bellcrank, if not already fitted, on aircraft using aileron gust locks P/N 110.88.06.310 and 110.88.06.311.

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 - STANS
SWITZERLAND

B. COST

Material listed under Material Information is available immediately from Pilatus at cost per set (one per aircraft) Sfr. 761.70

1.8 TOOLING

No special tools required.

1.9 WEIGHT AND BALANCE

Not affected.

1.10 REFERENCE TO OTHER PUBLICATIONS

None.

1.11 PUBLICATIONS AFFECTED

Illustrated Parts Catalog; Chapter 10.