



Bundesamt für Zivilluftfahrt (BAZL)  
Office fédéral de l'aviation civile (OFAC)  
Ufficio federale dell'aviazione civile (UFAC)  
Federal Office for Civil Aviation (FOCA)  
3003 Bern/Berne/Berna

**Lufttüchtigkeitsanweisung  
Consigne de navigabilité  
Prescrizione di aeronavigabilità  
Airworthiness directive**

**HB 90-304**

Inkraftsetzung  
Date en vigueur  
Entrata in vigore  
Effective Date

**24.10.1990**

**Betroffene Muster – Types concernés – Applicabilità – Models affected**

Pilatus PC-7 aircraft, all serial numbers

**Anlass/Massnahmen – Objet/Mesures – Oggetto/Provvedimenti – Subject/Action**

Power Control Supporting Struts -Fatigue cracks have been found on some struts  
- Inspections for cracks at the weld on the HP fuel pump support attachment  
lug and radially around the strut tube - Replacement of support strut if  
necessary

**Fristen – Délais – Scadenza – Compliance**

In accordance with Pilatus ASB A73-002

**Herkunft – Provenance – Provenienza – Origin**

FOCA Emergency AD from 03. September 1990

**Bezugnahme – Référence – Riferimento – Reference**

Pilatus PC-7 Alert Service Bulletin A73-002

**Bemerkungen – Observations – Osservazioni – Remarks**

See "Dringliche Lufttüchtigkeitsanweisung/Consigne de navigabilité urgente"  
dated September 3, 1990

Rechtsmittelbelehrung siehe TM Nr.  
Voies de droit voir CT no. F 80.015-10  
Rimedi giuridici vedi CT no.  
Right to appeal see TC no.

Seite  
Page 1  
Pagina  
Page

von  
de  
di  
of

4

≡PILATUS≡  
PC-7 TURBO-TRAINER  
**ALERT SERVICE BULLETIN**

**ALERT SERVICE BULLETIN A73-002**

**POWER CONTROL SUPPORTING STRUT ASSEMBLY - CRACKING**

**1. Planning Information**

**A. Effectivity : All PC-7 Aircraft**

Power Control Supporting Struts Part Nos.:  
-115.75.07.108 (Engines without SB73-001)  
-115.75.07.163 (Engines with SB73-001).

**B. Reason**

Fatigue cracks have been found on some Power Control Supporting Struts. The struts were cracked at the weld on the HP fuel pump support attachment lug and radially around the strut tube.

**C. Description**

This Alert Service Bulletin instructs a inspection for cracks before the next flight and introduces an inspection of the tube every 25 flying hours until a modified strut is available.

**D. Compliance**

Mandatory before the next flight.

**E. Manpower**

Manhours - 0.5 (Inspection Only)

**F. Materials**

Part No.	Designation	IPC-Fig Item
115.75.07.163	Power Control Supporting Strut	73-20-01, 01-40

**NOTE:** Only Power Control Supporting Struts With This Part Number Will Be Supplied. The Strut Is Interchangeable With Struts Installed On Engines Without SB73-001.

**G. References**

IPC 73-20-01 Fig 1, Item 40 (Engines with SB73-001).  
IPC 71-00-01 Fig 7, Item 5 (Engines without SB73-001).  
Service Bulletin PC-7-73-001 (Pilatus s/n 53) - Introduction of Electro Mechanical Override on FCU

≡PILATUS≡  
PC-7 TURBO-TRAINER

# ALERT SERVICE BULLETIN

## 2. Accomplishment Instructions

### A. Preparation

- (1) Open access panel Eng3R.
- (2) Clean the area around the HP fuel pump support attachment lug on the support strut. Use a clean lint free cloth made moist with white spirit.

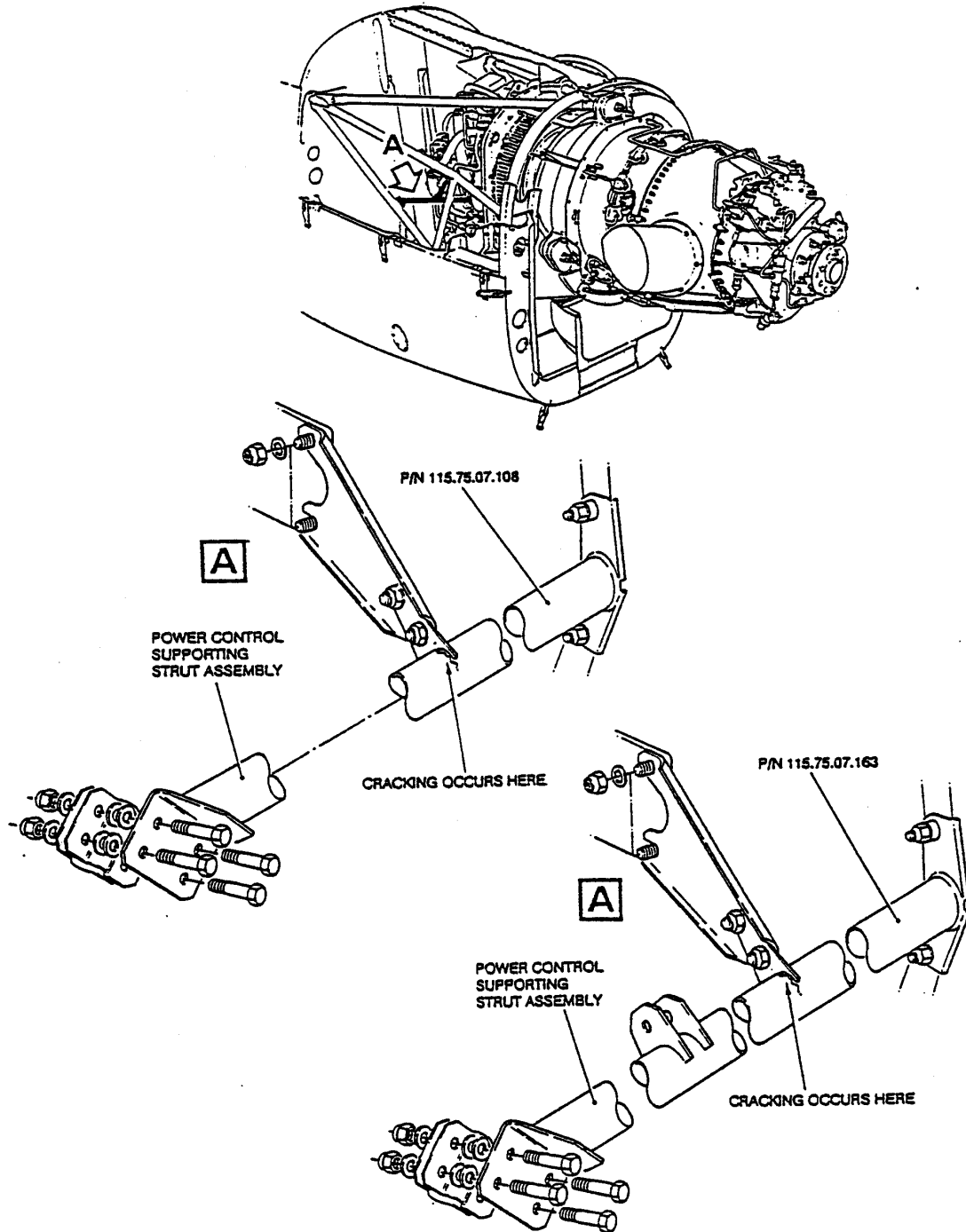
### B. Inspection (Ref. Fig 1)

- (1) Inspect the weld and the tube structure around from the weld for signs of cracks. Use a torch and mirror.
  - (a). If cracks are found:
    - Replace the support strut before the next flight.
  - (b). If no cracks are found or the strut is replaced:
    - Inspect the support strut every 25 flying hours until further notice.

### C. Close Up

- (1) Close the engine access panel Eng3R.

≡PILATUS≡  
PC-7 TURBO-TRAINER  
**ALERT SERVICE BULLETIN**



Power Control Supporting Strut - Inspection  
Fig 1