

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 71-007

REF NO: 210

MODIFICATION NO:

ATA CHAPTER: 71

POWERPLANT TORQUE OIL PRESSURE PIPE AND HOSE ASSEMBLIES - INSPECTION AND REPLACEMENT

1. Planning Information

A. Effectivity

PC-12, PC-12/45 and PC-12/47 aircraft MSN 101 thru MSN 760.

This Service Bulletin supersedes Service Bulletin 71-005 Revision 1.

B. Concurrent Requirements

None

C. Reason

(1) Problem

Chafing (abrasive) damage has occurred on oil pipe assemblies in the area of the oil pressure transducer on the engines of some PC-12 aircraft. The damage has caused engine oil leakage in some aircraft.

(2) Cause

Pipes and/or the hoses have touched during engine operation. Incorrect assembly (after removal for inspection) has decreased the clearance distances between given pipe/hose assemblies and adjacent components.

(3) Solution

- (a) Do inspections for signs of abrasion damage. Defective pipe/hose assemblies must be replaced. The contours of the new pipe/hose assemblies will help to prevent abrasive damage.
- (b) Do checks to identify the configuration of pipe/hose assemblies in the given aircraft. Pre-Service Bulletin 71-007 pipe/hose assemblies must be replaced.
- (c) As a temporary option Operators can also:
 - Adjust serviceable Pre-Service Bulletin 71-007 pipe/hose assemblies to make sure that the clearance distances are sufficient
 - Replace defective pipe/hose assemblies with Pre-Service Bulletin 71-007 parts

Temporarily adjusted or replaced pipe/hose assemblies must then be replaced in the time compliance with this Service Bulletin.

SERVICE BULLETIN

D. Description

This Service Bulletin gives the data and instructions necessary to do checks, inspections, adjustments and replacement of pipe and hose assemblies.

E. Compliance

Mandatory.

(1) Configuration Check and Inspection

Not later than ten flying hours.

(2) Replacement

Not later than six months from the effective date of this Service Bulletin.

F. Approval

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA.21J.357.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

G. Manpower

	Total	Total	Total
Preparation	0.25	0.25	0.25
Configuration Check and Inspection	0.25	0.25	0.25
Adjustment	0.50		
Replacement of Hose Assy (946.37.74.311) only		0.50.	
Replacement			1.50
Close up	0.50	0.50	0.50
TOTAL MAN-HOURS	1.50	1.50	2.50

H. Weight and Balance

(1) Weight Change

Not changed.

(2) Moment Change

Not changed.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 06-20-00, 71-00-00 and 71-00-02.

Service Bulletin 71-005.

L. Publications Affected

Aircraft Maintenance Manual (AMM), 71-00-00 and 71-00-02.

Pratt & Whitney Canada, Engine Maintenance Manual (P&WC, EMM), 70-00-00 and 73-10-09.

M. Interchangeability of Parts

Pre and post Service Bulletin 71-007 pipe/hose assemblies are not interchangeable.

2. Material Information

A. Material - Price and Availability

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021.
UNITED STATES OF AMERICA

Tel: 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (PTY.) LTD,
17 JAMES SCHOFIELD DRIVE,
ADELAIDE AIRPORT SA 5950,
AUSTRALIA

Tel: (08) 8234 4433
Fax: (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.