

Service Bulletin No: 71-008

Ref No: 320

Modification No: EC-13-0290

ATA Chapter: 71

**POWER PLANT - COWLING ASSEMBLY
REPLACEMENT OF PLENUM SCREEN ASSEMBLY****1. Planning Information****A. Effectivity:**

All PC-12, PC-12/45, PC-12/47 and PC-12/47E aircraft.

MSN 1491 and up will have this modification embodied at production.

B. Concurrent Requirements

None.

C. Reason:**(1) Problem**

The reinforcing brackets of the plenum screen assembly can have damage.

(2) Cause

RAM air, during flight or on-ground with the engine running, can cause vibration to the plenum screen assembly. This vibration causes fretting to the reinforcing brackets of the plenum screen assembly.

(3) Solution

Replacement of the plenum screen assembly with an improved plenum screen assembly.

D. Description

This Service Bulletin gives the data and instructions necessary to:

- Remove the plenum screen assembly
- Install an improved plenum screen assembly.

E. Compliance

Recommended. Due to restricted and limited access it is highly recommended that this Service Bulletin is accomplished when the engine or the lower rear engine cowling is removed.

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 designated Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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H. Manpower:

Task	Total
Preparation	1.0
Removal	2.5
Replacement	4.0
Close up	1.5
TOTAL MAN-HOURS	9.0

I. Weight and Balance:**(1) Weight Change**

Not changed.

(2) Moment Change

Not changed.

J. Electrical Load Data

Not changed.

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM):

PC-12, PC-12/45, PC-12/47

12-A-24-00-00-00A-901A-A 12-A-71-00-00-00A-903A-A

12-A-71-10-00-00A-920A-A 12-A-20-31-00-00A-071A-A

PC-12/47E

12-B-24-00-00-00A-901A-A 12-B-71-00-00-00A-903A-A

12-B-71-10-00-00A-920A-A 12-B-20-31-00-00A-071A-A

M. Publications Affected

IPC.

N. Interchangeability of Parts

Not Applicable.

2. Material Information**A. Material - Price and Availability**

Operators that require additional information and/or Service Bulletin materiel, should contact their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD
CUSTOMER SUPPORT MANAGER
CH-6371 STANS
SWITZERLAND

General Aviation:
Tel: + 41 41 619 3333
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: +1 303 465 9099
Fax: +1 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA PTY LTD
17 JAMES SCHOFIELD DRIVE
ADELAIDE AIRPORT SA 5950
AUSTRALIA

Tel: +61 8 8238 1600
Fax: +61 8 8234 4499
Free Call: +61 1800 445 007
eMail: supportpc12@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.

B. Warranty

Not applicable.

C. Material Necessary for Each Aircraft**(1) Material to be Procured**