



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: PRATT & WHITNEY CANADA (P&WC) SERVICE BULLETIN (SB) NO. 14419

To all Customers, Operators and Service Centers:

Date: Oct 01/08

This Service Letter is issued to draw attention to the following vendor information:

P&WC SB NO. 14419 - TURBOPROP ENGINE - PREFORMED PACKINGS BETWEEN THE AGB AND THE SCAVENGE PUMP HOUSING - INTRODUCTION OF.

P&WC have issued SB No.14419 to introduce a double preformed packing configuration between the scavenge pump flange and the Accessory Gear Box (AGB). The modification is applicable to PT6A-67F and PT6A-67P engines that are Pre SB No.14417. The modification stops oil leakage if a field repair of the AGB housing is not possible.

Pilatus advises operators to accomplish P&WC SB No.14419 if they find signs of oil leakage from between the scavenge pump flange and the AGB, and if the modification of the AGB housing assembly (in accordance with P&WC SB No.14417) is not possible on site.

Operators requiring further information on this subject, please contact one of the addresses given below:

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CH-6371 STANS,
SWITZERLAND.

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eMail: SupportPC12@pilatus-aircraft.com

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Free Call: 1800 445 007
eMail: info@pilatus.com.au

Attachments: P&WC SB NO. 14419

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SERVICE LETTER

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PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 14419

BULLETIN INDEX LOCATOR
72-60-00

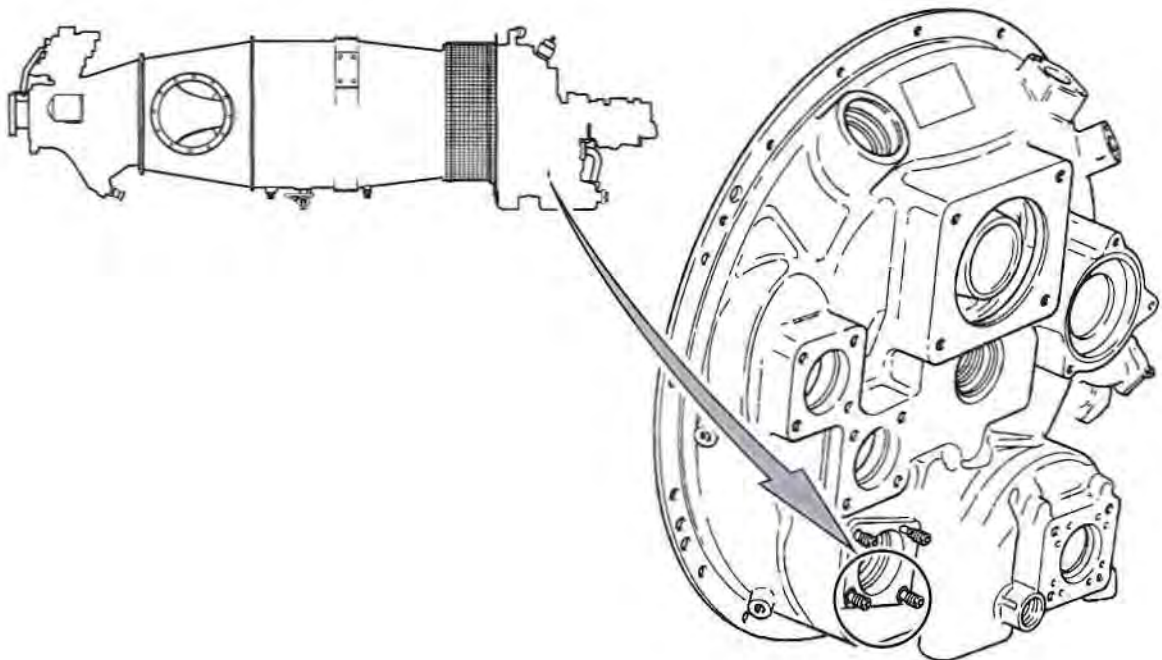
TURBOPROP ENGINE
PREFORMED PACKINGS BETWEEN THE AGB AND THE SCAVENGE PUMP HOUSING -
INTRODUCTION OF

MODEL APPLICATION

PT6A-67F, PT6A-67P

Compliance: CATEGORY 6

Summary: There can be an oil leakage at the Accessory Gearbox (AGB) housing and the scavenge pump housing mating flange. To ensure sufficient sealing, this service introduces a double preformed packing configuration as an alternative to field repair of AGB housing when repair on site is not possible.



Jun 26/2008

PT6A-72-14419
Cover Sheet

24-Hour Global Service

HELP DESK

Toll free where available (SIL GEN-027)

USA & CANADA..... 1-800-268-8000

International (IAC*)+8000-268-8000

* International Access Code

Other 1-450-647-8000

Fax 1-450-647-2888

Web Site www.pwc.ca

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Quebec J4G 1A1.

PRATT & WHITNEY CANADA
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TURBOPROP ENGINE
PREFORMED PACKINGS BETWEEN THE AGB AND THE SCAVENGE PUMP HOUSING -
INTRODUCTION OF

1. Planning Information

A. Effectivity

PT6A-67F Engines Serial No. RZ0003 which is Pre-SB14417.
PT6A-67P Engines which are Pre-SB14417.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

There can be an oil leakage at the Accessory Gearbox (AGB) housing and the scavenge pump housing mating flange area.

(2) Cause

The sealing between the AGB housing and the scavenge pump housing may not be optimal.

(3) Solution

To ensure sufficient sealing, introduce a double preformed packing configuration as an alternative to field repair of the AGB housing when repair on site is not possible.

D. Description

Install two preformed packings on the oil scavenge pump drive on the AGB housing.

E. Compliance

CATEGORY 6 - P&WC recommends to do this service bulletin when the subassembly (i.e. module, accessories, components, or build groups) is disassembled and access is available to the necessary part. Do all spare subassemblies.

F. Approval

D.O.T./D.A.A. approved.

G. Weight and Balance

None.

H. Electrical Load Data

Not changed.

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TURBOPROP ENGINE
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INTRODUCTION OF

1. Planning Information (Cont'd)

I. Software Accomplishment Summary

Not applicable.

J. References

Applicable PT6A Technical Manuals

K. Publications Affected

Applicable PT6A Technical Manuals

L. Interchangeability and Intermixability of Parts

Interchangeability - Refer to Para. 2.D.

Intermixability - Not changed.

2. Material Information

A. Industry Support Information

Not applicable.

B. Material - Cost and Availability

You can get the procurable parts listed in Para. 2.D. from any Pratt & Whitney Canada Parts Distribution Center.

The estimated total cost of new parts needed to replace old parts is \$Quote (US, 2008).

The new parts are scheduled to be available in (Jun 2008).

C. Manpower

No more man-hours are necessary to include this service bulletin at overhaul.

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2. Material Information (Cont'd)

D. Material Necessary for Each Engine

The quantity of materials listed in this section is on a per engine basis.

<u>New P/N</u>	<u>Keyword</u>	<u>Old P/N</u>	<u>Qty</u>	<u>Est. Unit List Price (\$US, 2008)</u>	<u>Instructions Disposition</u>
AS3209-011	Packing-Prefomed		2	0.86	

E. Reidentified Parts

None.

F. Tooling - Price and Availability

Not applicable.

3. Accomplishment Instructions

A. **For service engines only:**

- (1) On the AGB, get access to the oil scavenge pump drive. Refer to the applicable overhaul or maintenance manual instructions.
- (2) Install the two preformed packings P/N AS3209-011 in the two lower grooves on the AGB oil scavenge pump drive (Ref Fig. 1).

B. Write the accomplishment of P&WC S.B. No. 14419 in the applicable engine module log book.

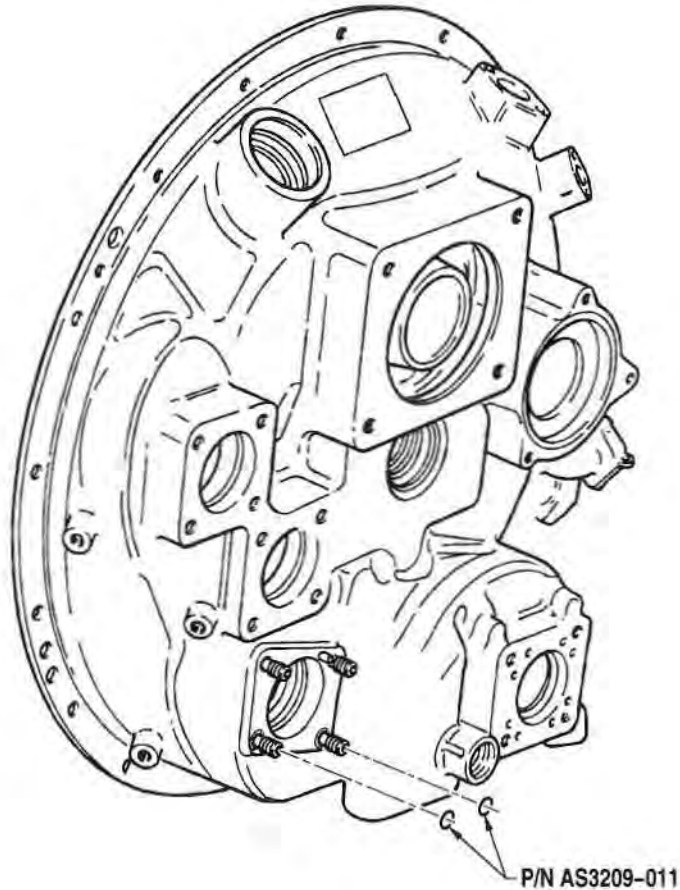
4. Appendix

Not applicable.

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C144440

AGB Housing Assembly
Figure 1