

SUBJECT: PRATT & WHITNEY CANADA SERVICE BULLETIN 14445R1

To all Customers, Operators and Service Centers:

Date: Feb 22/11

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

PRATT & WHITNEY CANADA SERVICE BULLETIN 14445R1, FUEL CONTROL UNIT - INSPECTION OF.

Pratt & Whitney Canada (P&WC) Service Bulletin 14445R1 provides information to correct the PT6A-67P effectivity.

The Service Bulletin gives instructions to inspect the P3 bellows installed in the Fuel Control Units (FCU) that are part of an extended TBO program and that have accumulated greater than 3500 hours in service. The P&WC Service Bulletin 14445R1 also corrects the P&WC P/N 3119892-06 to read 3119892-07.

Pilatus recommends that operators accomplish the P&WC Service Bulletin 14445R1 if applicable.

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

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.
USA

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 : +61 (08) 8234 4433
Fax: +61 (08) 8234 4499
Free Call: 1800 445 007
eMail: SupportPC12@pilatus.com.au

Attachments: P&WC Service Bulletin 14445R1

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PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 14445R1

BULLETIN INDEX LOCATOR
73-20-00

TURBOPROP ENGINE
FUEL CONTROL UNIT - INSPECTION OF

MODEL APPLICATION

PT6A-67B, PT6A-67P

Compliance: CATEGORY 3

Summary: This service bulletin documents an inspection to be done on P3 bellows that are installed in Fuel Control Units (FCU) that are part of an extended TBO program and that have accumulated greater than 3500 hours in service.

Dec 20/2010
Revision No. 1: Dec 22/2010

PT6A-72-14445
Cover Sheet

24-Hour Global Service

CFIRST CENTRE

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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If a Government agency or department intends to disclose any information, written notice should be given to:

VP - Legal Services, Pratt & Whitney Canada Corp., 1000 Marie-Victorin (01BE5), Longueuil, Quebec J4G 1A1.



22 December 2010

P&WC S.B. No. 14445R1

REVISION TRANSMITTAL SHEET
TURBOPROP ENGINE MODEL PT6A

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PT6A-72-14445, Rev. No. 1, dated Dec 22/2010 (P&WC S.B. No. 14445R1) FUEL CONTROL UNIT - INSPECTION OF

Replace your existing copy of this service bulletin with the attached revised bulletin. Destroy the superseded copy.

Please retain this Revision Transmittal Sheet with the revised bulletin.

SUMMARY: This service bulletin is revised to correct the PT6A-67P effectiveness. P&WC P/N should read 3119892-07 in lieu of 3119892-06.

EFFECT OF REVISION ON PRIOR ACCOMPLISHMENT:

None.

NOTE: A black bar in the left margin indicates a change in that line of text or figure.

REVISION HISTORY:

Original Issue: Dec 20/2010
Revision No. 1: Dec 22/2010

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 14445R1

TURBOPROP ENGINE
FUEL CONTROL UNIT - INSPECTION OF

1. Planning Information

A. Effectivity

PT6A-67B Engines Post-SB14371 and including P/N 03R3119892-003 (Supplier P/N 8063-095-01).

PT6A-67P Engines which have Fuel Control Unit P/N 3119892-07 (Supplier P/N 8063-044).

B. Concurrent Requirements

This Service Bulletin must be done in conjunction with Woodward Service bulletin 83212-73-019.

C. Reason

(1) Problem

A leak developed in the current design P3 bellows after 3800 hours of service.

(2) Cause

A void in the solder joint of the outer bellows ply contributed to stress corrosion cracking of the inner ply and subsequent bellows leakage.

(3) Solution

Inspect bellows from Fuel Control Units (FCU) on extended TBO program that are approaching or already over 3500 hours service time for any defects.

D. Description

Do an inspection of the P3 Bellows.

E. Compliance

FCU which have reached 3250 hrs TTSN/TTSO or have accumulated more than 3500 Hrs:

CATEGORY 3 - P&WC recommends that this service bulletin should be done within 250 hours or within 6 months of the original issue date of this service bulletin, whichever comes first.

F. Approval

D.A.A. approved

G. Manpower

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

PRATT & WHITNEY CANADA
SERVICE BULLETIN

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TURBOPROP ENGINE
FUEL CONTROL UNIT - INSPECTION OF

1. Planning Information (Cont'd)

H. Weight and Balance

None.

I. Electrical Load Data

Not changed.

J. Software Accomplishment Summary

Not applicable.

K. References

Illustrated Parts Catalog P/N 3038338 (PT6A-67B, PT6A-67P)
Maintenance Manual P/N 3038336 (PT6A-67B, PT6A-67P)
Overhaul Manual P/N 3036133 (PT6A-67/67A/67AF/67AG/67R/67T)
Overhaul Manual P/N 3038337 (PT6A-67B, PT6A-67D, PT6A-67P)
Component Maintenance Manual P/N 73-20-09
P&WC S.B. No. Woodward SB No. 83212-73-019

L. Publications Affected

None.

M. Interchangeability and Intermixability of Parts

Interchangeability - Refer to Para. 2.C.

Intermixability - Not changed.

2. Material Information

A. Industry Support Information

Refer to Woodward SB No. 83212-73-019

B. Material - Cost and Availability

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

The estimated total cost of new parts needed to replace old parts is \$Quote (US, 2010).

The new parts are available.

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TURBOPROP ENGINE
FUEL CONTROL UNIT - INSPECTION OF

C. 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, 2010)</u>	<u>Instructions Disposition</u>
Standard Replacement Part:					
AS3209-012	Preformed Packing	AS3209-012	1	1.11	(A)

(A) Standard replacement part.

D. Reidentified Parts

None.

E. Tooling - Price and Availability

Not applicable.

3. Accomplishment Instructions

A. Remove the FCU, per the applicable maintenance or overhaul manual instructions.

B. Return the FCU for inspection to :

Woodward Governor Company
5001 North Second Street PO Box 7001
Rockford Illinois 61125
USA

C. Install the parts listed under New P/N in Para. 2.C., Material Information, per the applicable maintenance or overhaul manual instructions (Ref. 72-61-00).

D. Write accomplishment of P&WC S.B. No. 14445 in the applicable engine module log book.

4. Appendix

Not applicable.