

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41118R3

BULLETIN INDEX LOCATOR
72-30-05

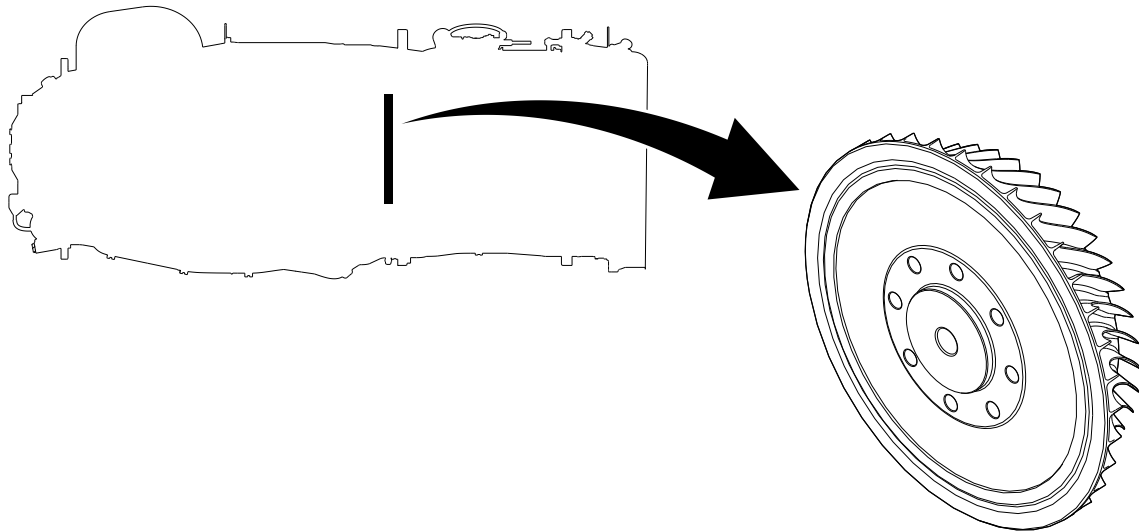
TURBOSHAFT ENGINE
CENTRIFUGAL IMPELLER - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C

Compliance: CATEGORY 7

Summary: The centrifugal impeller may not meet the recommended service life because the material does not meet the specification. Introduce an interim centrifugal impeller with a reduced lifecycle limit.



Apr 27/2020
Revision No. 3: Dec 14/2020

PT6C-72-41118
Cover Sheet

<i>24-Hour Global Service</i>	<i>USA & CANADA..... 1-800-268-8000</i>	<i>Other 1-450-647-8000</i>
CFIRST CENTRE	<i>International (IAC*)+8000-268-8000</i>	<i>Fax 1-450-647-2888</i>
<i>Toll free where available (SIL GEN-027)</i>	<i>* International Access Code</i>	<i>Web Site www.pwc.ca</i>

WARNING - PROPRIETARY RIGHTS & EXPORT CONTROLS NOTICE

This bulletin contains proprietary information of Pratt & Whitney Canada Corp. ("P&WC"), which P&WC provides in confidence and solely for the purposes of supporting engine certification and providing applicable information regarding the proper use, maintenance, inspection, repair, servicing and parts application of P&WC products and services, as directed therein. Neither this bulletin nor any information in it may be disclosed to others, or used for any other purpose, including, without limitation, to design, create, develop, reproduce, manufacture or derive any design, part, product, material, process, modification, configuration change or repair, or obtain FAA or other government approval to do so. Possession and use of this bulletin is also subject to the restrictions set out in P&WC's Technical Data Agreement (a copy of which may be obtained by contacting P&WC Technical Publications). The contents of this bulletin may be subject to export control laws. Unauthorized export or re-export of the bulletin, or parts thereof, is prohibited. By accepting and possessing this bulletin, you agree to be bound by the foregoing terms.

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.

Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada J4G 1A1
Tél. 450-677-9411



Pratt & Whitney Canada

A United Technologies Company

Dec 14/2020

P&WC S.B. No. 41118R3

REVISION TRANSMITTAL SHEET
TURBOSHAFT ENGINE MODEL PT6C

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PT6C-72-41118, Rev. No. 3 dated Dec 14/2020 (P&WC S.B. No. 41118R3) CENTRIFUGAL IMPELLER - REPLACEMENT 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 add a revision date on the transmittal sheet.

NOTE: Revision 1 and revision 2 have the same valid dates.

EFFECT OF REVISION ON PRIOR ACCOMPLISHMENT:

None.

REVISION HISTORY:

Original Issue: Apr 27/2020

Revision No. 1: Oct 27/2020

Revision No. 2: Oct 27/2020

Revision No. 3: Dec 14/2020

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41118R3

TURBOSHAFT ENGINE
CENTRIFUGAL IMPELLER - REPLACEMENT OF

1. Planning Information

A. Effectivity

PT6C-67C (BS963, BS1019) Production engines Serial No. PCE-KB2437 thru KB2493 and which are between and include PCE-KB2496 thru KB2502.

PT6C-67C (BS963, BS1019) Engines in the field Serial No. PCE-KB0606, KB0865, KB1214, KB1234 and KB1384.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The centrifugal impeller may not meet the recommended service life.

(2) Cause

The material does not meet the required specification.

(3) Solution

Introduce an interim centrifugal impeller with a reduced lifecycle limit.

D. Description

Replace the centrifugal impeller with a new one.

E. Compliance

CATEGORY 7 - You can do this service bulletin when the supply of superseded parts is fully used.

F. Approval

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

G. Manpower

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

H. Weight and Balance

None.

P&WC No. EC-0016337

Apr 27/2020
Revision No. 3: Dec 14/2020

P&WC Proprietary Information. Subject to the restrictions on the back of the locator
© 2020 Pratt & Whitney Canada Corp.
PRINTED IN CANADA

PT6C-72-41118
Page 1 of 3

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41118R3

TURBOSHAFT ENGINE
CENTRIFUGAL IMPELLER - REPLACEMENT OF

1. Planning Information (Cont'd)

I. Electrical Load Data

Not applicable.

J. Software Accomplishment Summary

Not applicable.

K. References

Illustrated Parts Catalog P/N [3045334](#) (PT6C-67C)

Overhaul Manual P/N [3045333](#) (PT6C-67C)

L. Publications Affected

Illustrated Parts Catalog P/N [3045334](#) (PT6C-67C)

Maintenance Manual (AWL) P/N [3045332](#) (PT6C-67C)

Cleaning Inspection Repair Manual (CIR) P/N [3075447](#)

M. Interchangeability and Intermixability of Parts

Interchangeability - Refer to Para. 2.C.

Intermixability - Not changed.

2. Material Information

A. Industry Support Information

Not applicable.

B. Material - Price 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, 2020).

The new parts are available.

C. Material Necessary for Each Engine

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

Apr 27/2020

Revision No. 3: Dec 14/2020

P&WC Proprietary Information. Subject to the restrictions on the back of the locator

PT6C-72-41118

Page 2 of 3

PRATT & WHITNEY CANADA SERVICE BULLETIN

P&WC S.B. No. 41118R3

TURBOSHAFT ENGINE CENTRIFUGAL IMPELLER - REPLACEMENT OF

2. Material Information (Cont'd)

<u>New P/N</u>	<u>Keyword</u>	<u>Old P/N</u>	<u>Qty</u>	<u>Est. Unit List Price (\$US, 2020)</u>	<u>Instructions Dispositions</u>
3072642-01	Impeller, Centrifugal	3055309-01	1	Quote	(A)(B)

(A) TWO WAY INTERCHANGEABLE (ATA200 Explanation Code 02): The old or the new parts can replace the old or the new part.

(B) Discard the part if it is unserviceable. Return a serviceable part to stock.

D. Reidentified Parts

None.

E. Tooling - Price and Availability

Not Applicable

3. Accomplishment Instructions

A. Remove the parts in the Old P/N list in Para. 2.C., Material Information, in accordance with the overhaul manual instructions as follows:

- Ref. OHM 72-30-05 COMPRESSOR ROTOR - DISASSEMBLY.

B. Install the parts in the New P/N list in Para. 2.C., Material Information, in accordance with the overhaul manual instructions as follows:

- Ref. OHM 72-30-05 COMPRESSOR ROTOR - SUB-ASSEMBLY.

C. Write the accomplishment of P&WC SB 41118 in the engine module log book.

4. Appendix

None.