

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41028R1

BULLETIN INDEX LOCATOR
72-30-05

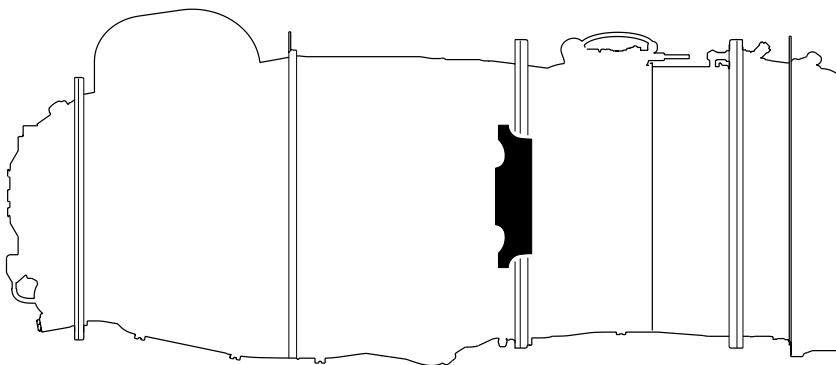
TURBOSHAFT ENGINE
CENTRIFUGAL IMPELLER - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C

Compliance: CATEGORY 10

| Summary: This service bulletin introduces a new impeller with an initial lower recommended service life for a limited number of engines.



Jan 24/2007
Revision No. 1: May 05/2008

PT6C-72-41028
Cover Sheet

24-Hour Global Service

HELP DESK

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05 May 2008

P&WC S.B. No. 41028R1

REVISION TRANSMITTAL SHEET
TURBOSHAFT ENGINE MODEL PT6C

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PT6C-72-41028, Rev. No. 1, dated May 05/2008 (P&WC S.B. No. 41028R1) 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 Destroy the superseded copy.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 revision is issued to:

- correct the engine effectivity in para. 1.A.,
- change the compliance code in para. 1. E.,
- remove material information in para. 2. B.,
- remove manpower information in para. 2. C.,
- delete P/N 3072642-01 in para. 2.D. which was cancelled before entering into service,
- change part interchangeability in para. 2.D., and
- remove disposition instruction in para. 2.D.

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: Jan 24/2007
Revision No. 1: May 05/2008

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TURBOSHAFT ENGINE
CENTRIFUGAL IMPELLER - REPLACEMENT OF

1. Planning Information

A. Effectivity

Revised service life impeller introduced in production for PT6C-67C Engines Serial No. PCE-KB0189 thru PCE-KB0220 and PCE-KB0225 thru PCE-KB0236 inclusive.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The centrifugal impeller with the current recommended service life is not available.

(2) Cause

The centrifugal impeller has properties within the material specification but not within the current P&WC engineering tolerance band.

(3) Solution

Introduce a new impeller with an initial lower recommended service life.

D. Description

Replace the centrifugal impeller.

E. Compliance

CATEGORY 10 - For information and configuration purposes only.

F. Approval

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

G. Weight and Balance

None.

H. Electrical Load Data

Not changed.

I. Software Accomplishment Summary

Not applicable.

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TURBOSHAFT ENGINE CENTRIFUGAL IMPELLER - REPLACEMENT OF

1. Planning Information (Cont'd)

J. References

Applicable PT6C Technical Manuals

K. Publications Affected

Applicable PT6C 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

Not applicable.

C. Manpower

Not applicable.

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>
3072641-01	Impeller, Centrifugal	3055309-01	1	NP	(A)

(A) TWO WAY INTERCHANGEABLE - (ATA 200 Explanation Code 02):
The old or the new part can replace the old or the new part.

E. Reidentified Parts

None.

F. Tooling - Price and Availability

Not applicable.

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TURBOSHAFT ENGINE
CENTRIFUGAL IMPELLER - REPLACEMENT OF

3. Accomplishment Instructions

- A. Write accomplishment of P&WC S.B. No. 41028 in the applicable engine module log book.

4. Appendix

Not applicable.