

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 41123

**BULLETIN INDEX LOCATOR**  
**72-50-02**

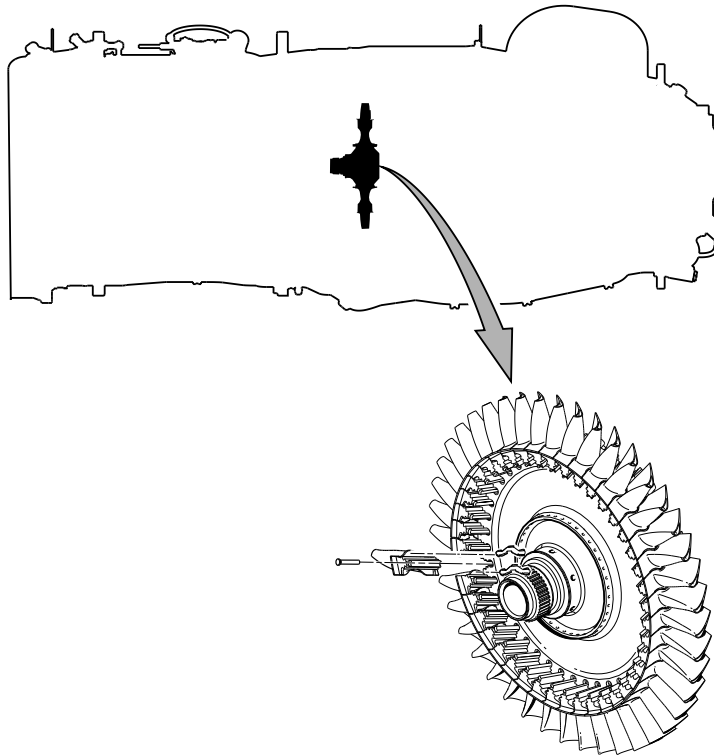
TURBOSHAFT ENGINE  
SEAL BLADE PLATFORM - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C, PT6C-67C1

Compliance: CATEGORY 6

Summary: The blade platform seal can interfere with the turbine blade under-platform pocket.  
Replace the blade platform seal with one including maximum dimension requirements.



Jan 24/2024

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Cover Sheet

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TURBOSHAFT ENGINE  
SEAL BLADE PLATFORM - REPLACEMENT OF

1. Planning Information

A. Effectivity

PT6C-67C (BS963, BS1019) Engines which are before and include Serial No. PCE-KB2833.

PT6C-67C1 (BS1447, BS1448) Engines which are before and include Serial No. PCE-KM0004.

NOTE: The above effectivity list does not identify engines that have been converted from one engine model to another via an engine conversion service bulletin. To clarify the effectivity of converted engines, refer to the original engine effectivity above. For the parts embodied during the engine conversion, refer to conversion service bulletin.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The blade platform seal can interfere with the turbine blade under-platform pocket.

(2) Cause

The blade platform seal is not optimal.

(3) Solution

Replace the blade platform seal with one including maximum dimension requirements.

D. Description

Replace the blade platform seal with new ones.

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

The technical content of this document is approved under the authority of the Transport Canada Civil Aviation (TCCA) Design Approval Organization No: DAO No. 93-Q-01.

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TURBOSHAFT ENGINE  
SEAL BLADE PLATFORM - REPLACEMENT OF

1. Planning Information (Cont'd)

G. Manpower

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

H. Weight and Balance

None.

I. Electrical Load Data

Not applicable.

J. Software Accomplishment Summary

Not applicable.

K. References

Illustrated Parts Catalog P/N [3045334](#) (PT6C-67C/C1)

Overhaul Manual P/N [3045333](#) (PT6C-67C/C1)

PWA Overhaul Standard Practice Manual (SPM) P/N 585005

L. Publications Affected

Illustrated Parts Catalog P/N [3045334](#) (PT6C-67C/C1)

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.

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## TURBOSHAFT ENGINE SEAL BLADE PLATFORM - REPLACEMENT OF

### 2. Material Information (Cont'd)

The estimated total cost of new parts needed to replace old parts is \$Quote (US, 2024).

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.

<u>New P/N</u>	<u>Keyword</u>	<u>Old P/N</u>	<u>Qty</u>	<u>Est. Unit List Price (\$US, 2024)</u>	<u>Instructions Dispositions</u>
<a href="#">3137200</a>	Disk Balancing Assembly, Compressor Turbine	3075486-01	1	Quote	(A)(C)
<a href="#">3137202</a>	.Seal, Blade Platform	3055119-01	43	Quote	(B)(D)

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

(B) INTERCHANGEABLE AS A SET - (ATA 200 Explanation Code 06): When the replacement set is a single part number, the old and the new parts are interchangeable in complete sets only.

(C) To get the new part it is possible to make a modification to the old part, or you can get the new part from any Pratt & Whitney Canada Distribution Center.

(D) Discard.

#### D. Reidentified Parts

<u>OLD P/N</u>	<u>NEW P/N</u>
3075486-01	3137200

#### 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 72-50-02, COMPRESSOR TURBINE - DISASSEMBLY.

B. Modify old Disk Balancing Assembly P/N 3075486-01, as follows:

- (1) Remove blade platform seals P/N 3055119-01 and discard.

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3. Accomplishment Instructions (Cont'd)

(2) Install new blade platform seals P/N 3137202.

**WARNING:** USE EYE PROTECTION WHEN YOU WRITE WITH THE DOT PEENING PROCEDURE.

(3) Put a line across the old P/N 3075486-01. Use the dot peen procedure, 0.003 in. (0.08 mm) deep (Ref. SPM, 70-11-01, GENERAL-01), and write the new P/N 3137200 in the same area.

C. 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 72-50-02, COMPRESSOR TURBINE - SUB-ASSEMBLY.

D. Write the accomplishment of P&WC SB41123 in the engine module log book.

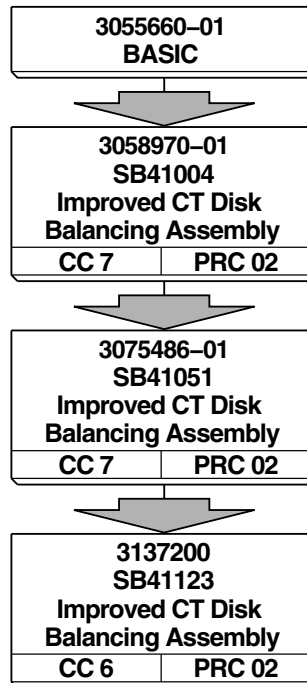
4. Appendix

Refer to Figure 1 for parts progression.

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## TURBOSHAFT ENGINE SEAL BLADE PLATFORM - REPLACEMENT OF



ICN-00198-G000132523-001-01

Compressor Turbine Disk Balancing Assembly - Parts Progression  
Figure 1

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