

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41124

BULLETIN INDEX LOCATOR
72-50-01

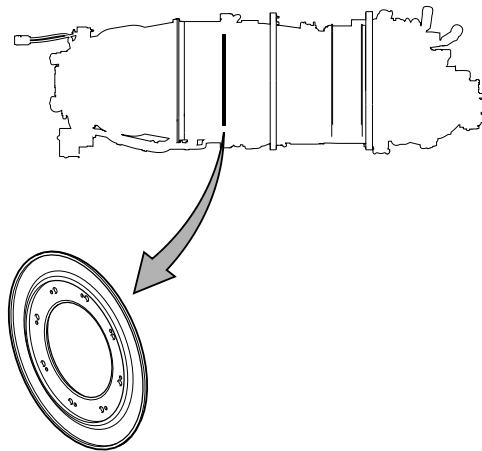
TURBOSHAFT ENGINE
AIR-SEAL COMPRESSOR-TURBINE STATOR - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C, PT6C-67C1

Compliance: CATEGORY 7

Summary: There is a requirement to add serialization for the Compressor Turbine (CT) stator air seal. For traceability purposes, replace the CT stator air seal with one that have a serialization requirement



Jan 19/2024

PT6C-72-41124
Cover Sheet

24-Hour Global Service

CFIRST CENTRE

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SERVICE BULLETIN

P&WC S.B. No. 41124

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AIR-SEAL COMPRESSOR-TURBINE STATOR - REPLACEMENT OF

1. Planning Information

A. Effectivity

PT6C-67C (BS963, BS1019) Engines which are before and include Serial No. PCE-KB2848.

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

There is a requirement to add serialization for the CT stator air seal.

(2) Cause

This requirement was not required at the initial release of this component.

(3) Solution

For traceability purposes, replace the CT stator air seal with one that has a serialization requirement.

D. Description

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CATEGORY 7 - You can do this service bulletin when the supply of superseded parts is fully used.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

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

P&WC No. CO-0015205

Jan 19/2024

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PT6C-72-41124
Page 1 of 4

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41124

TURBOSHAFT ENGINE
AIR-SEAL COMPRESSOR-TURBINE STATOR - REPLACEMENT OF

1. Planning Information (Cont'd)

G. Manpower

Once you have access to the part, an estimate of 1.5 man-hours is required to include this service bulletin at repair.

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)

Maintenance Manual P/N [3045332](#) (PT6C-67C/C1)

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

L. Publications Affected

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

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.

PRATT & WHITNEY CANADA SERVICE BULLETIN

P&WC S.B. No. 41124

TURBOSHAFT ENGINE AIR-SEAL COMPRESSOR-TURBINE STATOR - REPLACEMENT OF

2. Material Information (Cont'd)

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, 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>
3137740	Compressor-Stator Air-Seal	3071842-01	1	Quote	(A)(B)

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

(B) Discard the part if it is unserviceable.

D. Reidentified Parts

None.

E. Tooling - Price and Availability

Not Applicable

3. Accomplishment Instructions

A. Remove the CT Stator Air-seal P/N 3071842-01, in accordance with the maintenance or overhaul manual instructions as follows:

Ref. MM 72-50-01.

Ref. OHM 72-50-01.

B. Install the new CT Stator Air-seal P/N 3137740, in accordance with the maintenance or overhaul manual instructions as follows:

Ref. MM 72-50-01.

Ref. OHM 72-50-01.

C. Write the accomplishment of P&WC S.B. No. 41124 in the applicable engine module log book.

Jan 19/2024

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PT6C-72-41124
Page 3 of 4

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41124

TURBOSHAFT ENGINE
AIR-SEAL COMPRESSOR-TURBINE STATOR - REPLACEMENT OF

4. Appendix

Not Applicable

Jan 19/2024

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PT6C-72-41124
Page 4 of 4