

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 41114R2

**BULLETIN INDEX LOCATOR**  
**72-50-05**

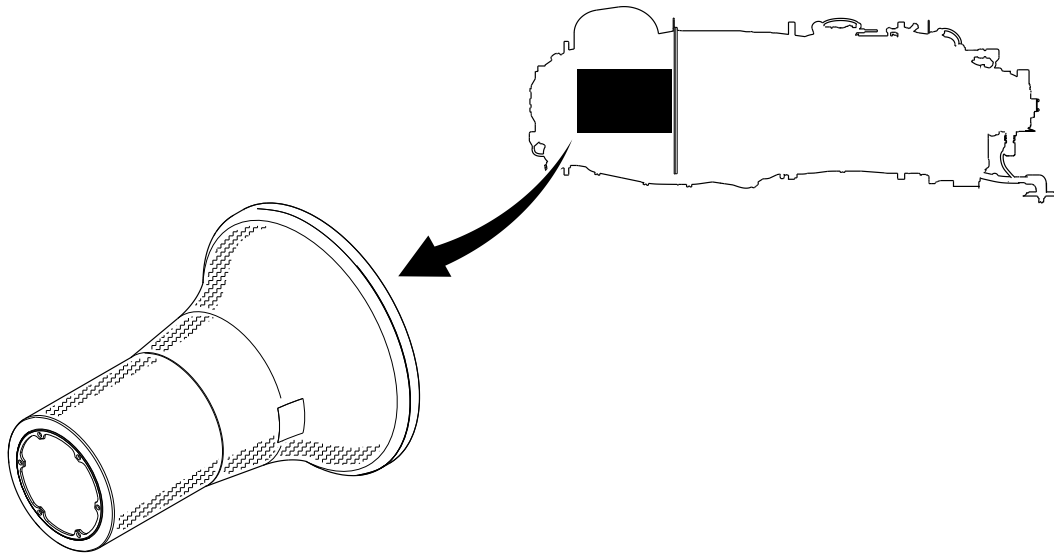
TURBOSHAFT ENGINE  
INSULATION BLANKET - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C, PT6C-67C1

Compliance: CATEGORY 7

Summary: The insulation blanket may cause interference with the exhaust case and is difficult to produce. Replace the insulation blanket with one of varying thickness envelope for a better fit and easier produceability.



Apr 13/2019  
Revision No. 2: Jun 09/2021

**PT6C-72-41114**  
Cover Sheet

24-Hour Global Service

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**Pratt & Whitney Canada**

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09 June 2021

P&WC S.B. No. 41114R2

REVISION TRANSMITTAL SHEET  
TURBOSHAFT ENGINE MODEL PT6C

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PT6C-72-41114, Rev. No. 2, dated Jun 09/2021 (P&WC S.B. No. 41114R2) INSULATION BLANKET - 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 Destroy the superseded copy.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:

- add the PT6C-67C1 engine model.

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: Apr 13/2019  
Revision No. 1: May 26/2019  
Revision No. 2: Jun 09/2021



PRATT & WHITNEY CANADA  
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TURBOSHAFT ENGINE  
INSULATION BLANKET - REPLACEMENT OF

1. Planning Information

A. Effectivity

PT6C-67C (BS963, BS1019) Engines which are before and include Serial No. PCE-KB2282.  
PT6C-67C1 (BS1448) converted Engines (Ref. Post-SB41120).

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 insulation blanket may cause interference with the exhaust case and is difficult to produce.

(2) Cause

With certain exhaust duct configurations, the gap between the power turbine housing and exhaust case can be reduced making it difficult to install the thermal blanket.

(3) Solution

Replace the insulation blanket with one of varying thickness envelope for a better fit and easier produceability.

D. Description

Replace the insulation blanket 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.

P&WC No. CO-0005650, CO-0010967

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TURBOSHAFT ENGINE  
INSULATION BLANKET - 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

The engine weight will increase by 0.34 pounds (0.1 kgs).

The effect of weight change on the engine center of gravity is negligible.

I. Electrical Load Data

Not changed.

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)

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 - 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, 2019).

# PRATT & WHITNEY CANADA SERVICE BULLETIN

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## TURBOSHAFT ENGINE INSULATION BLANKET - REPLACEMENT OF

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

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, 2019)</u>	<u>Instructions Disposition</u>
3133715-01	Insulation Blanket Assembly, Power Section	3127503-01	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. 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 72-50-05 - EXHAUST DUCT AND INSULATION BLANKET - 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 72-50-05 - EXHAUST DUCT AND INSULATION BLANKET - SUB-ASSEMBLY.

C. Write the accomplishment of P&WC S.B. No. 41114 in the engine module log book.

### 4. Appendix

Not applicable.