

**ENGINE, FUEL AND CONTROL - POWER TURBINE GOVERNOR
INCREASED RELIABILITY**

1. PLANNING INFORMATION

A. Effectivity

(1) Engines

All Rolls-Royce engine models T63-A-700, T63-A-720, 250-C18, -C20, -C20R, and -C28 series engines with Honeywell governors are affected by this bulletin.

(2) Spares - Not affected

B. Reason

To increase Power Turbine Governor reliability by incorporating a new bearing assembly.

C. Description

This commercial engine bulletin (CEB) transmits Honeywell Service Bulletin GT-73-344. This Service Bulletin replaces the Power Turbine Governor Assembly with modified assemblies identified in the attached service bulletin.

D. Approval

Technical aspects are FAA approved.

April 21, 2008

250-C18 Series
250-C20 Series
250-C28 Series
250-C20R Series

CEB 318
CEB 1402
CEB 73-2076
CEB 73-4057

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E. Compliance

Compliance Code 2: See Table below:

Operational Hours: Time Since Overhauled (TSO)/Time Since New (TSN)	Compliance Time Hours: Time Since Overhauled(TSO)/Time Since New (TSN)
0-750	No Later Than 750 hours
751-1000	No Later Than 1000 hours
1001-1250	No Later Than 1250 hours
1251-1500	No Later Than 1500 hours
1501-2000	Next Removal for any Reason

NOTE: The fuel control system component manufacturer, Honeywell, determined the above stated compliance schedule. Inquiries as to the administration, support or compliance with this Service Bulletin must be directed to:
Honeywell Customer Support
South Bend, Indiana
Phone: (219) 231-4067
FAX: (219) 231-4016 or (219) 231-4072.

NOTE: To make sure of minimal adverse affect on scheduled operation, operators should coordinate with an authorized Honeywell facility, or an otherwise approved facility, to coincide with the next scheduled maintenance interval.

F. Material Availability

NEW P/N	NAME	QTY/ENG	APPLICABILITY
23086749	Governor Assembly, Power Turbine	1	C20/C20R Series
23086750	Governor Assembly, Power Turbine	1	T63-A-720
23086771	Governor Assembly, Power Turbine	1	C18 Series
23086772	Governor Assembly, Power Turbine	1	T63-A-700
23086773	Governor Assembly, Power Turbine	1	C20 Series
23086774	Governor Assembly, Power Turbine	1	C28 Series

NOTE: Reference Paragraph 3.A., Configuration Chart, for old governor part numbers.

G. Tooling - Not applicable

H. Weight and Balance - Not affected

I. Electrical Load Data - Not affected

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J. References

- (1) Advance Engineering Memorandum (AEM), CW500009303146.
NOTE: The document above is referenced for the internal use of Rolls-Royce only.
- (2) 5W4 Illustrated Parts Catalog, Turboshift Models 250-C18A, -C18B, -C18C (IPC).
- (3) 5W2 Operation and Maintenance Manual, Turboshift Models 250-C18A, -C18B, -C18C (OMM).
- (4) 10W4 Illustrated Parts Catalog, Turboshift Models 250-C20, -C20B, -C20C, -C20F, -C20J, -C20S, -C20W (IPC).
- (5) 10W2 Operation and Maintenance Manual, Turboshift Models 250-C20, -C20B, -C20F, -C20J, -C20S, -C20W (OMM).
- (6) CSP 23007 Illustrated Parts Catalog, Turboshift Models 250-C20R, -C20R/1, -C20R/2, -C20R/4 (IPC).
- (7) CSP 21007 Operation and Maintenance Manual, Turboshift Models 250-C20R, -C20R/1, -C20R/2, -C20R/4 (OMM).
- (8) 16W4 Illustrated Parts Catalog, Turboshift Models 250-C28B, -C28C (IPC).
- (9) 16W2 Operation and Maintenance Manual, Turboshift Models 250-C28B, -C28C (OMM).

K. Other Publications Affected

- (1) CSP 24009 Component Maintenance Manual (CMM).

L. Prerequisites - None

2. ACCOMPLISHMENT INSTRUCTIONS

A. Replace the Power Turbine Governor Assembly (governor):

- (1) Remove the governor (Ref. OMM).
- (2) Remove the throttle shaft lever from governor.
- (3) Send the governor to a Honeywell authorized repair facility for rework.
- (4) Install the applicable governor (Ref. OMM).
- (5) Install the throttle shaft lever to governor.
 - (a) Use the torque wrench to torque the nut to 40-45 in-lb (4.5-5.1 Nm).

B. Record compliance with this commercial engine bulletin in the applicable section of the engine logbook, engine assembly (white pages), Part III, Modification Record as applicable with the following:

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C. Basis for quantities is per engine assembly.

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3. MATERIAL INFORMATION

A. Configuration Chart

NEW P/N	QTY/ ENG	NAME	OLD P/N	QTY/ ENG	INSTRUCTIONS/ DISPOSITION
23086771	1	Governor Assembly, Power Turbine	23076416	1	1, 2
23086773	1	Governor Assembly, Power Turbine	23076418	1	1, 2
23086749	1	Governor Assembly, Power Turbine	23076061	1	1, 2
23086750	1	Governor Assembly, Power Turbine	23076062	1	1, 2
23086774	1	Governor Assembly, Power Turbine	23076419	1	1, 2
23086772	1	Governor Assembly, Power Turbine	23076417	1	1, 2

INSTRUCTIONS/DISPOSITION NOTES

1. New/exchange item
2. Rework & Re-identify at authorized repair facility

CUSTOMER SUPPORT
ROLLS-ROYCE

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