

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

1. PLANNING INFORMATION

A. Effectivity

(1) Engines

All Rolls-Royce Model RR300/A1 engines are affected by this bulletin.

B. Reason

This service bulletin (SB) is to increase power turbine governor reliability by incorporating a new bearing assembly.

C. Description

This SB transmits the Honeywell Service Bulletin GT-73-344, Revision 2. This SB replaces the power-turbine governor assembly with modified assemblies identified in the attached SB.

D. Approval

Technical aspects are FAA approved.

E. Compliance

Compliance Code 2 - See the 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 SB 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 the scheduled operation, operators must coordinate with an authorized Honeywell facility. Refer to NTO-034 to coincide with the next scheduled maintenance interval.

F. Interchangeability - Not Affected

November 13, 2018

SB RR300-73-012

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G. Material Availability

P/N	NAME	QTY/ENG	APPLICABILITY
M250-10817	Governor Assembly, Power Turbine	1	RR300/A1

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

H. Tooling - Not Applicable

I. Weight and Balance - Not Affected

J. Electrical Load Data - Not Affected

K. References

(1) Advance Engineering Memorandum (AEM) CL500009300781.

NOTE: The document above is referenced for the internal use of Rolls-Royce only.

(2) RR300 Operation and Maintenance Manual, CSP 21009 (OMM).

(3) RR300 Line Illustrated Parts Catalog, CSP 23004 (LIPC).

(4) RR300 Engine Illustrated Parts Catalog, CSP 23006 (EIPC).

(5) Notice to Operators (NTO) RR300-034, Parts Return Process.

L. Other Publications Affected - None

M. Prerequisites - None

2. ACCOMPLISHMENT INSTRUCTIONS

A. Replace the power-turbine governor assembly (governor).

(1) Remove the governor (Ref. TASK 73-29-10-000-801, OMM).

(2) Remove the throttle shaft lever from the governor.

(3) Send the governor to a Honeywell authorized repair facility for rework (Ref. NTO 034).

(4) Install the applicable governor (Ref. TASK 73-29-10-400-801, OMM).

(5) Install the throttle shaft lever to the governor.

(a) Use the torque wrench to torque the nut to 40-45 in-lb (4.5-5.1 Nm).

B. Upon completion of maintenance, record compliance to this Service Bulletin in the Engine Log Book.

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3. MATERIAL INFORMATION

A. Configuration Chart

NEW P/N	QTY/ ENG	NAME	OLD P/N	QTY/ ENG	INSTRUCTIONS/ DISPOSITION
M250-10817	1	Governor Assembly, Power Turbine	23076061	1	1, 2

INSTRUCTION/DISPOSITION NOTES

- 1. New/Exchange Item.
- 2. Rework & Re-identify at approved repair facility.

B. Consumable Materials - None

C. Expendable Parts - None

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