

**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
Revision 1
February 1, 2019

SB RR300-73-012

Rolls-Royce

SERVICE BULLETIN

- G. Material Availability – Not Affected
- 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.](#)

■ (6) [SB RR300-73-010 Engine, Fuel and Control – Power Turbine Governor New Drive Bearings.](#)

- 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.

November 13, 2018
Revision 1
February 1, 2019

SB RR300-73-012

Rolls-Royce
SERVICE BULLETIN

3. MATERIAL INFORMATION

A. Configuration Chart

NEW P/N	QTY/ ENG	NAME	OLD P/N	QTY/ ENG	INSTRUCTIONS/ DISPOSITION
23086749	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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November 13, 2018
Revision 1
February 1, 2019

SB RR300-73-012