



**ENGINE, FUEL AND CONTROL - ADDITION OF MINIMUM STOP
SCREW TO FUEL CONTROL ASSEMBLY**

1. PLANNING INFORMATION

A. Effectivity

(1) Engines

AE Rolls-Royce Model RR300/A1 engines with Honeywell main fuel controls listed below are affected by this service bulletin (SB).

Model	Honeywell P/N	Rolls-Royce P/N
DP-N2	2549196	RR30000454

B. Reason

Replace the current RR300/A1 FCU P/N RR30000454 with FCU P/N RR30000558. FCU P/N RR30000558 differs from FCU P/N RR30000454 in that a change to the Minimum Stop Screw subcomponent prevents the throttle from entrance into the lowest twenty degrees of angular position for Ground Idle.

C. Description

This SB transmits Honeywell Service Bulletin GT-73-0388, which gives instructions for replacements of the minimum throttle stop screw which includes test specification changes.

D. Approval

Technical aspects are FAA approved.

E. Compliance

Compliance Code 4 - To be complied with the next time the affected module or component is at an authorized repair/overhaul facility and is disassembled for any reason.

Compliance Code 6 - To be complied with no later than the next overhaul.

F. Interchangeability - New FCU P/N RR30000558 is not interchangeable with FCU P/N

RR30000454 as purchased from the Rolls-Royce Distributor, Aviall.

P/N RR30000558 has a minimum stop screw which limits the throttle motion to 70 degrees of travel and RR30000454 has a minimum stop screw which allows throttle motion of 90 degrees of travel.

G. Material Availability

NEW P/N	NAME	QTY/ENG
RR30000558	Control Assy, Gas Producer - Fuel	1

H. Tooling - Not applicable

I. Weight and Balance - Not affected

J. Electrical Load Data - Not affected

Rolls-Royce
SERVICE BULLETIN

K. References

- (1) Advance Engineering Memorandum (AEM), CL500024997492.
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) Honeywell Service Bulletin GT-73-0388.

L. Other Publications Affected - None

M. Prerequisites - None

2. ACCOMPLISHMENT INSTRUCTIONS

A. Repair of the Fuel Control Unit (FCU).

- (1) Remove the FCU Assembly from the engine (Ref. TASK 73-23-10-000-801, OMM).
- (2) Send the removed FCU to the address that follows for repair/overhaul:

Greystones Aviation Worldwide, Inc.

Attn.: Peter Griggs

23465 Rock Haven Way, Suite 115

Dulles, VA 20166-4433 USA

Phone: 1-703-288-3400

Email: pgrigg@gaww.com

- (3) A second option would be to obtain a new or exchange FCU P/N RR30000558 from either Greystones Aviation or Aviall. Contact Greystones Aviation at the number above or your local Aviall Branch.
- (4) Install the repaired/reworked/overhauled FCU on the engine (Ref. TASK 73-23-10-400-801, OMM).

B. Record Compliance.

- (1) Record compliance with this SB in the applicable section of the engine logbook, engine assembly, and the main fuel control service accessory record, and SB Modification Record as applicable with:
RR300 SB 73-008.

3. MATERIAL INFORMATION

A. Configuration Chart

NEW P/N	QTY/ ENG	NAME	OLD P/N	QTY/ ENG	INSTRUCTIONS/ DISPOSITION
RR30000558	1	Control Assy, Gas Producer - Fuel	RR30000454	1	1, 2

INSTRUCTIONS/DISPOSITION NOTES

- 1. New item.
- 2. Repaired/Overhauled item.

CUSTOMER SUPPORT
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