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## V2500-A1/A5/D5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits Revision 1 to Service Bulletin EV2500-70-0707 and Revision 1 to the Supplement

### Document History

Service Bulletin Revision Status  
Initial Issue Apr.15/99

Supplement Revision Status  
Initial Issue Apr.15/99

### Bulletin Revision 1

Remove  
All pages of the  
Service Bulletin

Incorporate  
Pages 1 to 3 of the  
Service Bulletin

Reason for change  
To revise Effectivity and  
Material Information. SB to  
latest format.

### Supplement Revision 1

Remove  
All pages

Incorporate  
Page 1

Reason for change  
To revise Effectivity and  
Material Information. SB to  
latest format.

# V2500-ENG-70-0707

Transmittal - Page 1 of 2

CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED

If any have not been received please advise Publication Services, Rolls-Royce plc, Derby, England

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# LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 1 to the Bulletin and Revision 1 to the Supplement are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
Bulletin			
R	1	1	Dec.5/05
R	2	1	Dec.5/05
R	3	1	Dec.5/05
Supplement			
R	1	1	Dec.5/05

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INFORMATION – ENGINE – LP TURBINE ROTOR AND STATOR ASSEMBLY – TO ANNOUNCE THE  
AVAILABILITY OF A NEW INNER AIR SEAL STAGE 7

1. Planning Information

A. Effectivity

- R (1) Airbus A319/A320/A321  
Boeing Douglas Product Division MD90
- (2) Engine
- V2500–A1 Engines prior to Serial No. V0362
- R V2522–A5 Engines prior to Serial No. V10580
- R V2524–A5 Engines prior to Serial No. V10580
- R V2527–A5 Engines prior to Serial No. V10580
- R V2527E–A5 Engines prior to Serial No. V10580
- R V2527M–A5 Engines prior to Serial No. V10580
- R V2530–A5 Engines prior to Serial No. V10580
- R V2533–A5 Engines prior to Serial No. V10580
- R V2525–D5 Engines prior to Serial No. V20280
- R V2528–D5 Engines prior to Serial No. V20280

B. Reason

To announce the availability of new inner airseal stage 7. The new inner airseal stage 7 has been thickened up in the neck area below the forward knife edge seal to avoid HCF cracks as previously observed.

C. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

D. Approval

The part number changes and/or part modification described in Section 2 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA– APPROVED for the Engine Models Listed.

**E. General Information**

The Material Information Section of this Service Bulletin provides the latest information concerning the affected parts.

**F. References**

- (1) Engineering Change No. 98VM016.
- (2) V2500-A1 Engine Illustrated Parts Catalogue (S-V2500-1IA) to add the new part.
- (3) V2500-A5 Engine Illustrated Parts Catalogue (S-V2500-2IA) to add the new part.
- (4) V2500-D5 Engine Illustrated Parts Catalogue (S-V2500-3IA) to add the new part.
- (5) ATA Locator - 72-50-33.

## 2. Material Information

### A. The kit required consists of the following parts:

None.

### B. New production parts:

Part No.	Qty	Part Title
3A2522	1	Seal, Air, Turbine, Stage 7

### C. Parts affected by this Bulletin:

72-50-33

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-010	3A2522	1	Seal, Air, Turbine, Stage 7	3A1741	(A)(B)(S1)

### D. Instructions disposition codes:

(A) New part is currently available for sale.

(B) Old part is no longer available for sale.

R (S1) Old and new parts are not interchangeable - but the new part may be fitted  
R in lieu of the superseded part but not vice versa.

## 3. Accomplishment Instructions

None.

INFORMATION - ENGINE - LP TURBINE ROTOR AND STATOR ASSEMBLY - TO ANNOUNCE THE  
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SUPPLEMENT - PRICES AND AVAILABILITY

The prices shown are for estimating purposes only and as such are given in good faith, without commercial liability for advanced planning purposes only. Refer to IAE spares and/or current price catalogue for current prices.

1. Modification Kit:

Not applicable.

2. Parts required:

	Part No.	Description	Unit Price US Dollars
R	3A2522	Seal, Air, Turbine, Stage 7	30,730.00