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

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This document transmits Revision 4 to Service Bulletin EV2500-70-0833 and Revision 4 to the Supplement

Document History

Service Bulletin Revision Status		Supplement Revision Status	
Initial Issue	Jan.22/04	Initial Issue	Jan.22/04
Revision 1	Mar.15/04	Revision 1	Mar.15/04
Revision 2	Jul.14/04	Revision 2	Jul.14/04
Revision 3	Feb.10/05	Revision 3	Feb.10/05

Bulletin Revision 4

Remove	Incorporate	Reason for change
All pages of the Service Bulletin	Pages 1 to 3 of the Service Bulletin	Effectivity revised and prices updated.

Supplement Revision 4

Remove	Incorporate	Reason for change
All pages	Page 1	Effectivity revised and prices updated.

V2500-ENG-70-0833

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 4 to the Bulletin and Revision 4 to the Supplement are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
Bulletin			
R	1	4	Dec.15/05
R	2	4	Dec.15/05
R	3	4	Dec.15/05
Supplement			
R	1	4	Dec.15/05

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INFORMATION – ENGINE – INTRODUCTION OF LP TURBINE VANE STAGE 4 WITH CAST TO SIZE
LINER LOCATION SLOT

1. Planning Information

A. Effectivity

(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.V12140 and Serial No.V12153.

R V2524-A5 Engines prior to Serial No.V12140 and Serial No.V12153.

R V2527-A5 Engines prior to Serial No.V12140 and Serial No.V12153.

R V2527E-A5 Engines prior to Serial No.V12140 and Serial No.V12153.

R V2527M-A5 Engines prior to Serial No.V12140 and Serial No.V12153.

R V2530-A5 Engines prior to Serial No.V12140 and Serial No.V12153.

R V2533-A5 Engines prior to Serial No.V12140 and Serial No.V12153.

V2525-D5 Engines prior to Serial No.V20286.

V2528-D5 Engines prior to Serial No.V20286.

B. Reason

Introduce cast to size liner location slot in the front hook of the Vane Stage 4 as a cost reduction measure. The slot is revised to compensate the relevant casting tolerances. All other dimensions and specifications of the LP turbine vane stage 4 remain unchanged. The new cast to size LP turbine vane is fully interchangeable with the down change configuration.

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

- R (1) Engineering Change No. 03VM001, 03VM001-01, 03VM001-02, 03VM001-03,
R 03VM001-04, 03VM001-05, 97VM007-04.
- R (2) ATA Locator - 72-50-22.

2. Material Information

A. The kit required consists of the following parts:

None.

R B. New production parts:

R See supplement to this bulletin.

C. Parts affected by this Bulletin:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01550	3A2898	30	Vane A/0,LP Turbine Stg 4	-	3A2417	(A)(B) (S1)

D. Instructions disposition codes:

(A) New part will be available for sale after existing stock is exhausted.

(B) Old part will continue to be supplied until existing stock is exhausted.

(S1) Old and new parts are fully interchangeable for all A1/A5/D5 engine models, both physically and functionally.

3. Accomplishment Instructions

None.

INFORMATION – ENGINE – INTRODUCTION OF LP TURBINE VANE STAGE 4 WITH CAST TO SIZE
LINER LOCATION SLOT

SUPPLEMENT – PRICES AND AVAILABILITY

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

R 1. Modification Kit:

R Not applicable.

R 2. Parts required:

R	Part No.	Description	Unit Price
			US Dollars
R	3A2898	Vane A/O, LP Turbine Stg 4	5,306.00