



400 MAIN STREET, MAIL STOP 121-10  
EAST HARTFORD, CT 06108, USA.  
TELEPHONE:- 860 565 5515  
FAX:- 860 565 0600

DATE: Feb.17/06

P.O. BOX 31, DERBY  
TELEGRAMS - 'ROYCAR' DERBY  
TELEX - 37645  
TELEPHONE:- 44 (0) 1332 242424  
FAX:- 44 (0) 1332 249936

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

Printed in Great Britain

This document transmits Revision 3 to Service Bulletin EV2500-70-0230 and Revision 3 to the Supplement

### Document History

Service Bulletin Revision Status		Supplement Revision Status	
Initial Issue	Jun.16/93	Initial Issue	Jun.16/93
Revision 1	Jun.30/93	Revision 1	Jun.30/93
Revision 2	Dec.22/97	Revision 2	Dec.22/97

### Bulletin Revision 3

Remove	Incorporate	Reason for change
All pages of the Service Bulletin	Pages 1 to 4 of the Service Bulletin	Effectivity and Material Information revised. SB to latest format.

### Supplement Revision 3

Remove	Incorporate	Reason for change
All pages	Page 1	Effectivity and Material Information revised. SB to latest format.

# V2500-ENG-70-0230

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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED  
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# LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 3 to the Bulletin and Revision 3 to the Supplement are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
Bulletin			
R	1	3	Feb.17/06
R	2	3	Feb.17/06
R	3	3	Feb.17/06
R	4	3	Feb.17/06
Supplement			
R	1	3	Feb.17/06

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INFORMATION – ENGINE – LP TURBINE – TO ANNOUNCE NEW STAGE 4, 5, 6 AND 7 TURBINE VANES  
WITH REDUCED INNER AIRSEAL CLEARANCE

1. Planning Information

A. Effectivity

(1) Airbus A320

Airbus A321

Boeing Douglas Product Division MD90

(2) Engine

R V2500-A1 Stage 4: Engines prior to Serial No. V0286

R V2500-A1 Stages 5, 6 and 7: Engines prior to Serial No. V0299

V2522-A5 Engines prior to Serial No.V10009

V2524-A5 Engines prior to Serial No.V10009

V2527-A5 Engines prior to Serial No.V10009

V2527E-A5 Engines prior to Serial No.V10009

V2527M-A5 Engines prior to Serial No.V10009

V2530-A5 Engines prior to Serial No.V10009

V2533-A5 Engines prior to Serial No.V10009

V2525-D5 Engines prior to Serial No.V10009

V2528-D5 Engines prior to Serial No.V10009

B. Reason

New vanes stage 4, 5, 6, and 7 with reduced inner airseal clearance have been introduced.

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 Nos. 92VM024, 92VM024-01, 92VM024-02 and 92VM026.
- R (2) ATA Locator - 72-50-22.

## 2. Material Information

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

None.

### B. New production parts:

Part No.	Qty	Part Title
3A2284	30	Vane, A/O, Turbine Stage 4
3A2305	31	Vane, A/O, Turbine Stage 5
3A2306	33	Vane, A/O, Turbine Stage 6
3A2307	32	Vane, A/O, Turbine Stage 7

### C. Parts affected by this Bulletin:

V2500-A1 Engines:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-550	3A2284	30	Vane, A/O, Turbine Stage 4	3A2274	(C)(B)(S1)

For V2500-A1, V2500-A5 and V2500-D5 Engines:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-010	3A2307	32	Vane, A/O, Turbine Stage 7	3A1827	(A)(B)(S1)
01-175	3A2306	33	Vane, A/O, Turbine Stage 6	3A1826	(A)(B)(S1)
01-350	3A2305	31	Vane, A/O, Turbine Stage 5	3A1825	(A)(B)(S1)

### D. Instructions disposition codes:

(A) New part is available for sale.

(B) Old part will continue to be supplied until existing supplies have been depleted.



(C) Part Number 3A2284 is no longer available as a spare part. Fully interchangeable spare parts have been introduced by the subsequent Service Bulletins:

V2500-ENG-70-0219

V2500-ENG-70-0248

V2500-ENG-70-0512

V2500-ENG-70-0514

V2500-ENG-70-0523

R V2500-ENG-70-0833

(S1) New and old parts are fully interchangeable.

### 3. Accomplishment Instructions

None.

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Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

INFORMATION - ENGINE - LP TURBINE - TO ANNOUNCE NEW STAGE 4, 5, 6 AND 7 TURBINE VANES  
WITH REDUCED INNER AIRSEAL CLEARANCE

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	3A2284	Vane, A/O, Turbine Stage 4	5,306.00
R	3A2307	Vane, A/O, Turbine Stage 7	3,710.00
R	3A2306	Vane, A/O, Turbine Stage 6	3,424.00
R	3A2305	Vane, A/O, Turbine Stage 5	3,122.00