



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

DATE: Jun.17/04

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

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This document transmits Revision 2 to Service Bulletin EV2500-70-0032 and Revision 2 to the Supplement

Document History

Service Bulletin Revision Status
Initial Issue Jul.6/90
Revision 1 Jun.4/03

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Initial Issue Jul.6/90
Revision 1 Jun.4/03

Bulletin Revision 2

Remove
Pages 1 to 6 of the
Service Bulletin

Incorporate
Pages 1 to 8 of the
Service Bulletin

Reason for change
To update Approval,
References, Material
Information and parts
prices.

Supplement Revision 2

Remove
All pages

Incorporate
Page 1

Reason for change
To update Approval,
References, Material
Information and parts
prices.

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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 2 to the Bulletin and Revision 2 to the Supplement are as follows:

<u>Page</u>	<u>Revision Number</u>	<u>Revision Date</u>
Bulletin		
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Supplement		
R 1	2	Jun.17/04

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ENGINE - INFORMATION - TO ANNOUNCE THE AVAILABILITY OF SPARE PARTS FOR LP TURBINE
HONEYCOMB SEAL REPAIRS

1. Planning Information

A. Effectivity

(1) Airbus A320

V2500-A1 Engines

V2527-A5 and V2527E-A5 Engines

(2) Airbus A319

V2522-A5, V2524-A5 and V2527M-A5 Engines

(3) Airbus A321

V2530-A5 and V2533-A5 Engines

(4) Boeing Longbeach Division MD-90

V2525-D5 and V2528-D5 Engines

B. Reason

LP Turbine honeycomb seal parts are introduced for honeycomb replacement repairs.

C. Compliance

Category 8

Accomplish based on experience with the prior configuration.

D. Approval

- R
- (1) The part number transactions shown under sub-paragraph (1) to (14) of the "MATERIAL INFORMATION" portion of this Bulletin has been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.
 - (2) IAE sanctioned the release of the remainder of the data shown in this Bulletin which have been duly approved by the IAE Authorization Document Numbers that appear under Paragraph F. (2) of this Bulletin.



E. General Information

The Material Information portion of this Bulletin provides the latest information concerning the availability of the affected parts.

F. References

R
R

- (1) Internal Reference Nos. – EC88VM013, EC88VM013-01, EC03VM004, EC03VM004A, EC03VM004-01, EC04VM005.
- (2) Other References IAE Authorization Documents Nos.
 - (a) 88VM516 dtd. November 18, 1988 (VRS4080, VRS4084, VRS4093, VRS4103)
 - (b) 88VM517 dtd. November 18, 1988 (VRS4032, VRS4033, VRS4041, VRS4042, VRS4051, VRS4059)
 - (c) 88VM518 dtd. November 18, 1988 (VRS4115, VRS4134)
 - (d) 88VM518B dtd. December 17, 1993 (VRS4134)
 - (e) 88VM516A dtd. October 26, 1994 (VRS4080, VRS4093)
 - (f) 99VM504 dtd. March 12, 1999 (VRS4276, VRS4279, VRS4336)
 - (g) 99VM507 dtd. December 3, 1999 (VRS4409)
- (3) V2500 Engine Illustrated Parts Catalogue
- (4) V2500 Engine Manual
- (5) ATA Locator – 72-50-00

G. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog Chapter/Sections 72-50-22 Figure 01, 72-50-23, Figure 01 and 72-50-24, Figure 01 will be revised to show the parts being introduced by this Bulletin.
- (2) The following V2500 Engine Manual Chapter/Sections will show the parts being introduced by this Bulletin:
 - (a) 72-50-22, Repair 002 (VRS4032), Repair 003 (VRS4033), Repair 009 (VRS4041), Repair 010 (VRS4042), Repair 015 (VRS4051) and Repair 020 (VRS4059).
 - (b) 72-50-23, Repair 006 (VRS4080), Repair 010 (VRS4084), Repair 016 (VRS4093), Repair 023 (VRS4103), Repair 041 (VRS4276), Repair 027 (VRS4283), Repair 037 (VRS4279) and Repair 031 (VRS4336).



International Aero Engines

SERVICE BULLETIN

(c) 72-50-24, Repair 009 (VRS4115), Repair 028 (VRS4134) and Repair 043 (VRS4409).

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



2. Material Information

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

R None.

R B. New production parts:

R	Part No.	Qty
R	3A1570	1
R	3A1571	1
R	3A1572	1
R	3A1573	1
R	3A1574	1
R	3A1575	1
R	3A1576	1
R	3A1577	1
R	3A1578	1
R	3A1579	1
R	3A1580	1
R	3A1581	1
R	3A1582	1
R	3A1583	1
R	3A1584	1
R	3A1585	1
R	3A1586	1
R	3A1587	1
R	3A2914	1

C. Parts affected by this Bulletin:

(1) The following Special Repair Parts are required to accomplish Repair No.VRS4032:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01035	3A1570	1	Seal,Segment,Honeycomb	-	-	(A)
01031	3A1571	1	Seal,Segment,Honeycomb	-	-	(A)

R

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(2) The following Special Repair Part is required to accomplish Repair No.VRS4033:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01033	3A1572	1	Seal,Segment,Honeycomb	-	-	(A)

(3) The following Special Repair Parts are required to accomplish Repair No.VRS4041:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01196	3A1573	1	Seal,Segment,Honeycomb	-	-	(A)
01200	3A1574	1	Seal,Segment,Honeycomb	-	-	(A)

(4) The following Special Repair Part is required to accomplish Repair No.VRS4042:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01198	3A1575	1	Seal,Segment,Honeycomb	-	-	(A)

(5) The following Special Repair Part is required to accomplish Repair No.VRS4051:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01371	3A1576	1	Seal,Segment,Honeycomb	-	-	(A)

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(6) The following Special Repair Part is required to accomplish Repair No.VRS4059:

72-50-22

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01571	3A1577	1	Seal,Segment,Honeycomb	-	-	(A)

(7) The following Special Repair Part is required to accomplish Repair No.VRS4080:

72-50-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01026	3A1578	1	Seal,Segment,Honeycomb	-	-	(A)

(8) The following Special Repair Parts are required to accomplish Repair No.VRS4084 and VRS4276:

72-50-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01171	3A1579	1	Seal,Segment,Honeycomb	-	-	(A)
01181	3A1580	1	Seal,Segment,Honeycomb	-	-	(A)

(9) The following Special Repair Parts are required to accomplish Repair No.VRS4093:

72-50-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01271	3A1581	1	Seal,Segment,Honeycomb	-	-	(A)
01281	3A1582	1	Seal,Segment,Honeycomb	-	-	(A)



(10) The following Special Repair Parts are required to accomplish Repair No.VRS4103:

72-50-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01371	3A1583	1	Seal,Segment,Honeycomb	-	-	(A)

(11) The following Special Repair Parts are required to accomplish Repair No.VRS4283, VRS4279 and VRS4336:

72-50-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01371	3A2914	1	Seal,Segment,Honeycomb	-	-	(A)

(12) The following Special Repair Part is required to accomplish Repair No.VRS4103, VRS4279, VRS4283 and VRS4336:

72-50-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01381	3A1584	1	Seal,Segment,Honeycomb	-	-	(A)

(13) The following Special Repair Part is required to accomplish Repair No.VRS4115 and VRS4409:

72-50-24

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01031	3A1585	1	Seal,Segment,Honeycomb	-	-	(A)



R (14) The following Special Repair Parts are required to accomplish Repair
No.VRS4134:

72-50-24

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01296	3A1586	1	Seal,Segment,Honeycomb	-	-	(A)
01306	3A1587	1	Seal,Segment,Honeycomb	-	-	(A)

D. Instructions Disposition Codes:

(A) New parts are available for sale.

R

R

3. Accomplishment Instructions

None.



ENGINE - INFORMATION - TO ANNOUNCE THE AVAILABILITY OF SPARE PARTS FOR LP TURBINE
HONEYCOMB SEAL REPAIRS

SUPPLEMENT - PRICES AND AVAILABILITY

The prices if 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. New Production Parts:

	Part No.	Desc.	Unit Price US Dollars
R	3A1570	Seal, Segment	44.70
R	3A1571	Seal, Segment	42.80
R	3A1572	Seal, Segment	23.60
R	3A1573	Seal, Segment	42.50
R	3A1574	Seal, Segment	42.50
R	3A1575	Seal, Segment	19.60
R	3A1576	Seal, Segment	22.30
R	3A1577	Seal, Segment	38.40
R	3A1578	Seal, Segment	59.10
R	3A1579	Seal, Segment	13.40
R	3A1580	Seal, Segment	13.40
R	3A1581	Seal, Segment	13.60
R	3A1582	Seal, Segment	14.10
R	3A1583	Seal, Segment	20.40
R	3A1584	Seal, Segment	18.60
R	3A1585	Seal, Segment	54.50
R	3A1586	Seal, Segment	318.00
R	3A1587	Seal, Segment	195.00
R	3A2914	Seal, Segment	20.40

