

**International
Aero Engines**

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

Date: June 30, 1998

Subject: Transmittal of Revision 2 to Service Bulletin Number V2500-NAC-71-0212

Service Bulletin Revision History:

<u>Event</u>	<u>Date</u>
Basic Issue	Mar. 26/98
Revision 1	Jun. 15/98
Revision 2	Jun. 30/98

Reasons for Issuance of Revision

(1) To revise the effectivity statement on page 2.

Effect on Past Compliance

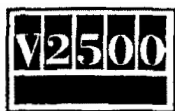
(1) None.

List of Effective Pages:

<u>Page No.</u>	<u>Rev. No.</u>	<u>Date</u>
1 and 2	2	Jun. 30/98
3 thru 5	1	Jun. 15/98
6 thru 9	Basic	Mar. 26/98

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Transmittal
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NACELLE — POWERPLANT — SEAL, PYLON APRON, AFT — MODIFICATION OF

MODEL APPLICATION

V2500 — D5

BULLETIN INDEX LOCATOR

71-14-00

Compliance Category Code

4

Internal Reference No.

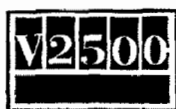
JG 97VN320

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1. Planning Information

A. Effectivity

(1) Aircraft: MD90

(2) Nacelle: V2500-D5 nacelle aft pylon apron part numbers 290-1001-539 and 290-1001-540, with serial numbers prior to 0189001, which were delivered on EBUS with serial numbers prior to 0362001.

R
R

B. Concurrency Recommendations:

To achieve the full intent of this Service Bulletin, the following service bulletins should be done at the same time as this service bulletin:

V2500-NAC-78-0146

V2500-NAC-78-0155

NOTE: The aft pylon apron modified by this service bulletin can be used with pre- and post-service bulletin V2500-78-0146 translating sleeves and pre- and post-service bulletin V2500-NAC-78-0155 CNAs.

C. Reason

(1) Condition

The upper forward blade seal on the aft pylon apron can overlap the core compartment fixed structure seal and contribute to disbonding of the translating sleeve at the upper inboard corner.

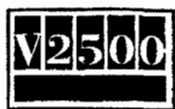
(2) Background

Operators have experienced disbonds of the upper translating sleeves at the upper inboard corner.

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(3) Objective

Trim the upper forward blade seal of the aft pylon apron to eliminate overlap of the core compartment fixed structure seal.

(4) Substantiation

This change has been substantiated by analysis.

(5) Impact of Bulletin on Workshop Procedures:

Removal/Installation	Not Affected
Disassembly/Assembly	Not Affected
Cleaning	Not Affected
Inspection/Repair	Not Affected
Repair	Not Affected
Testing	Not Affected

(6) Supplemental Information

None.

R D. Description

The upper forward blade seal of the aft pylon apron is trimmed.

R E. Approval

Incorporation of this Service Bulletin must be accomplished only in conjunction with Douglas Aircraft Company Service Bulletin MD-90-71-007 which has received exclusive FAA approval for MD-90 Series aircraft.

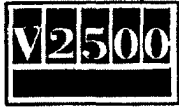
R F. Compliance

Category 4

Accomplish at the first visit of the Nacelle or Nacelle Component to a maintenance base capable of compliance with the

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accomplishment instructions regardless of the planned maintenance action for the Nacelle or Nacelle Component.

R G. Manpower

Estimated manhours to incorporate the full intent of this Bulletin for each nacelle:

<u>VENUE</u>	<u>ESTIMATED MANHOURS</u>
(1) In Service	
(a) To gain access	0.25 M/hours
(b) To modify	0.50 M/hours
(c) To return to service	<u>0.25 M/hours</u>
Total	1.00 M/hours

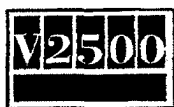
NOTE: After incorporation of this modification, a maximum of 2.0 manhours for labor will be reimbursed by Rohr, as a labor credit allowance per affected aircraft. To obtain a labor credit allowance after procurement of noted material, labor claims should reference this service bulletin number and aircraft fuselage number and be submitted to:

Rohr, Inc.
850 Lagoon Drive
Chula Vista, CA 91910-2098
U.S.A.
Attn: Airline Support Manager, MZ-107A
Warranty Department
(Ref. Service Bulletin V2500-NAC-71-0212)

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- R H. Material Cost and Availability
- None.
- R I. Tooling Cost and Availability
- Not applicable.
- R J. Weight and Balance
- (1) Weight change No effect
- (2) Moment arm No effect
- (3) Datum Front Engine Mount Centerline
- (Power Plant Station (PPS) 100.00)
- R K. Electrical Load Data
- Not affected.
- R L. References Chapter/Section
- MD-90 Aircraft Maintenance Manual 71-14-00
- IAE V2500 Standard Practices/Processes 70-09-00
- Manual
- Overhaul Processes and Consumable Index
- (PCI-V2500-1IA)
- R M. Other Publications Affected
- MD-90 Engine Illustrated Parts Catalog 71-14-01
- (S-V2500-3IA) 71-14-02
- MD-90/V2500-D5 Engine Manual 71-14-01
- (E-V2500-3IA) 71-14-02

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2. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) Move the translating sleeves to the fully deployed position. Refer to the MD-90 Aircraft Maintenance Manual, Chapter 78-32-00, page block 201.

B. Modify the Upper Forward Blade Seal of the Aft Pylon Aprons.

CAUTION: MAKE SURE YOU DO NOT DAMAGE ADJACENT SEALS WHEN YOU REMOVE MATERIAL FROM THE FORWARD BLADE SEAL.

- (1) Remove material from the upper forward blade seal to the dimensions shown in Figure 1.

- (2) Reidentify the aft pylon aprons as follows:

290-1001-539 to 290-1001-553

290-1001-540 to 290-1001-554

Use a rubber stamp and ink (CoMat 06-073). Refer to the IAE V2500 Standard Practices/Processes Manual, Chapter 70-09-00.

C. Post-requisite Instructions

- (1) Move the translating sleeves to the fully stowed position. Refer to the MD-90 Aircraft Maintenance Manual, Chapter 78-32-00, page block 201.

D. Recording Instructions

A record of accomplishment is necessary. Mark on the upper aft pylon aprons that Service Bulletin V2500-NAC-71-0212 has been done. Use a rubber stamp and ink (CoMat 06-073). Refer to the IAE V2500 Standard Practices/Processes Manual, Chapter 70-09-00.

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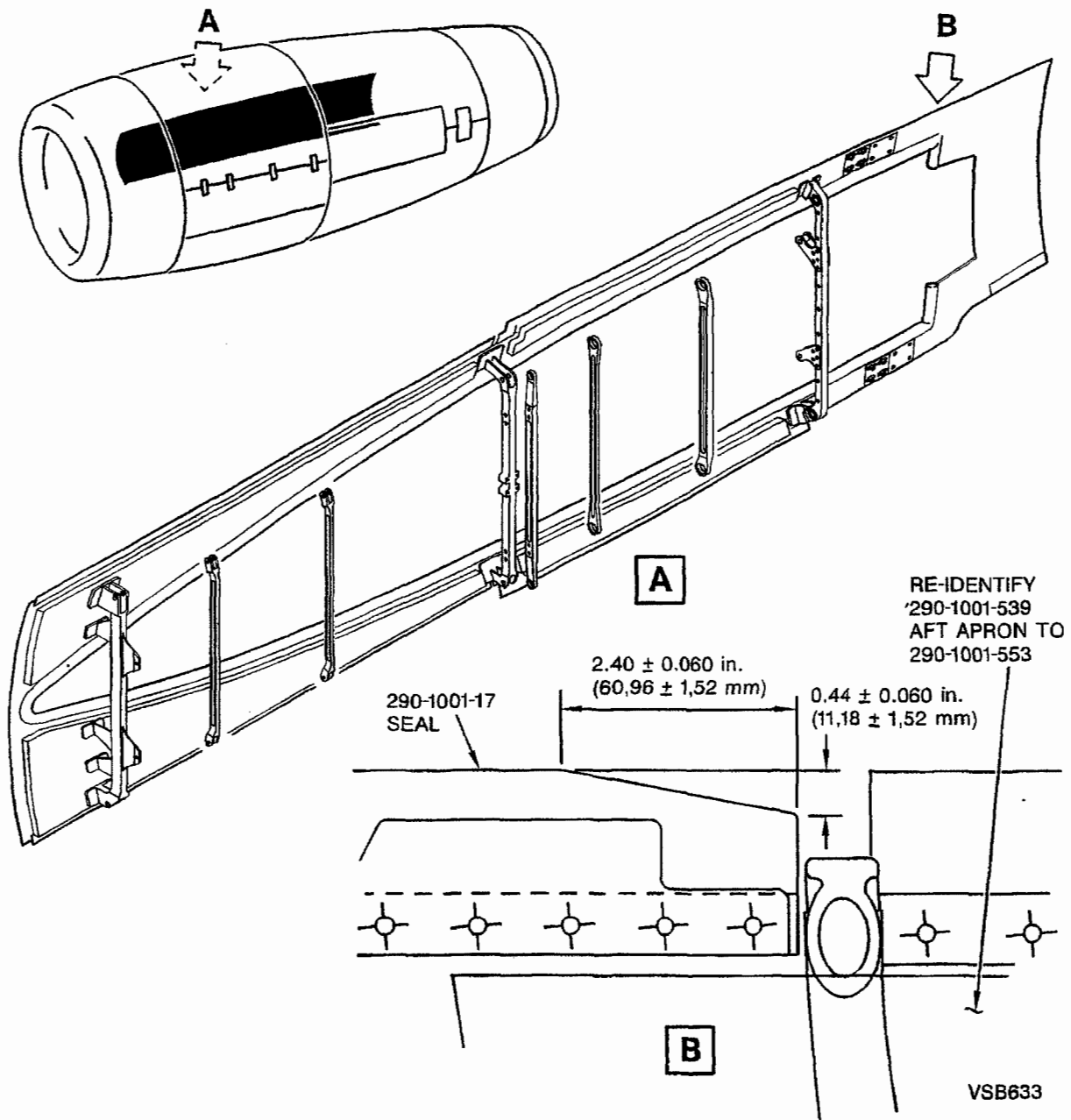
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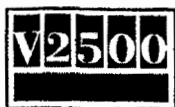
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Modify the Left Aft Pylon Apron
Figure 1 (Sheet 1)

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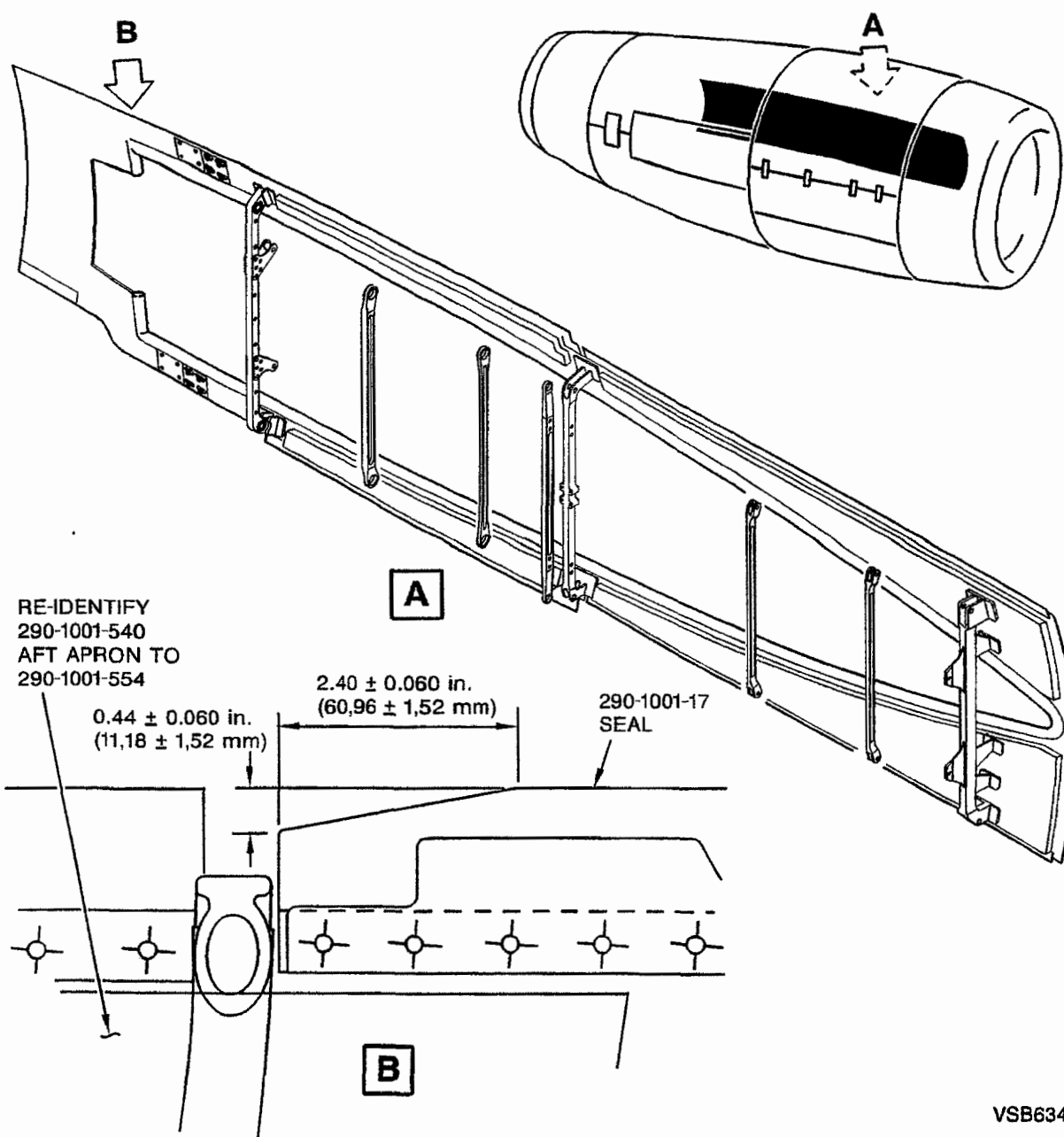
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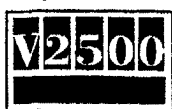


Modify the Right Aft Pylon Apron
Figure 1 (Sheet 2)

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3. Material Information

Applicability: For each MD-90 aircraft to incorporate this Bulletin.

A. Kits Associated with this Bulletin:

None.

B. Parts Affected by this Bulletin:

<u>NEW PART NO.</u> <u>(ATA NO.)</u>	<u>QTY</u>	<u>EST'D UNIT</u> <u>PRICE</u>	<u>KEYWORD</u>	<u>OLD PART NO.</u> <u>(IPC NO.)</u>	<u>INSTR/</u> <u>DISPOS</u>
290-1001-553 (71-14-01)	1		Apron, Assy Aft	290-1001-539 (01-080)	(A)(B)(1D) (S1)
290-1001-554 (71-14-02)	1		Apron, Assy Aft	290-1001-540 (01-080)	(A)(B)(1D) (S1)

C. Instruction/Disposition Code Statements

(A) New part will be available April 1998.

(B) Old part will no longer be available.

(1D) Old part can be re-worked to new part configuration.

(S1) New part can be used in place of old part but not vice versa.

NOTE: The estimated 1998 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Customer Support Department for information concerning firm prices.

D. Materials Required to Incorporate this Service Bulletin:

None.

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