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

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0925 and the Initial Issue of the Supplement

Bulletin Initial Issue

Remove	Incorporate Pages 1 to 8 of the Service Bulletin	Reason for change Initial Issue
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Supplement Initial Issue

Remove	Incorporate Page 1	Reason for change Initial Issue
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V2500-ENG-70-0925

Transmittal - Page 1 of 2

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LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin are as follows:

<u>Page</u>	<u>Revision Number</u>	<u>Revision Date</u>
-------------	------------------------	----------------------

Bulletin

1		Sep.14/06
2		Sep.14/06
3		Sep.14/06
4		Sep.14/06
5		Sep.14/06
6		Sep.14/06
7		Sep.14/06
8		Sep.14/06

Supplement

1		Sep.14/06
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Printed in Great Britain

ENGINE – TURBINE EXHAUST CASE STRUT REPLACEMENT REPAIR PARTS (VRS3064 AND VRS5396)**1. Planning Information****A. Effectivity Data**

- (1) For Airbus A319.
 - (a) V2522-A5, V2524-A5, V2527M-A5.
Any engine as applicable.
- (2) For Airbus A320.
 - (a) V2500-A1.
Any engine as applicable.
 - (b) V2527-A5, V2527E-A5.
Any engine as applicable.
- (3) For Airbus A321.
 - (a) V2530-A5, V2533-A5.
Any engine as applicable.
- (4) For Boeing MD-90.
 - (a) V2525-D5, V2528-D5.
Any engine as applicable.

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

- (1) Problem:
Release the V2500 TEC strut repair details to make saleable to customer.
- (2) Background:
Repair procedures have been released to the V2500 Engine Manual to replace the TEC struts using the affected parts.



(3) Objective:

These parts are repair details only and do not effect the engine BOM.

(4) Substantiation:

Strut repair details are identical to production parts except excess material stock provided for weld consumption and proper fit after repair.

(5) Effects of Bulletin on:

(a) Removal/Installation:

Not affected.

(b) Disassembly/Assembly:

Not affected.

(c) Cleaning:

Not affected.

(d) Inspection/Check:

Not affected.

(e) Repair:

Not affected.

(f) Testing:

Not affected.

(6) Supplemental Information

The parts in this Service Bulletin are made available for the repairs listed in VRS3064 and VRS5396.

D. Description

Provide saleable repair parts for VRS3064 and VRS5396.

E. Compliance

TD

Technical Data (Repairs VRS3064 and VRS5396).

F. Approval Data

The part number changes and/or part modifications specified in the Accomplishment Instructions and Material Information sections of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model(s) given.

The compliance statement and the procedures described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

G. Manpower**(1) In Service**

Not Applicable.

(2) At Overhaul

Not Applicable.

H. Material – Price and Availability

Modification kit is not required.

For Price and availability of spares refer to the supplement of this service bulletin.

I. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

J. Industry Support Information

Not Applicable.

K. Weight and Balance**(1) Weight Change**

None.

(2) Moment Arm

No Effect.

(3) Datum

Engine Front Mount Centerline (Power Plant Station (PPS) 100)

L. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

M. Software Accomplishment Summary

Not Applicable.

N. References

- (1) V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, and S-V2500-7IB), Chapter/Section 72-50-53.
- (2) V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-50-53.
- (3) V2500 Engine Manual (E-V2500-3IA), Chapter/Section 72-50-53.
- (4) V2500 Standard Practices/Processes Manual (E-V2500-1IA).
- (5) V2500 Standard Practices/Processes Manual (E-V2500-3IA).
- (6) Internal Reference No. - 00VC0620.
- (7) ATA Locator - 72-50-53.

O. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, and S-V2500-7IB), Chapter/Section 72-50-53, to add the new part.
- (2) V2500 Engine Manuals (E-V2500-1IA and E-V2500-3IA), Chapter/Section 72-50-53 Cleaning, Inspection and Repair, to add the new part.

P. Interchangeability of Parts

These parts are repair details only and do not effect the engine BOM.

Q. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

R. General Information

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

2. Material Information

A. For V2500-A1 Engines (VRS5396):

72-50-53

FIG- ITEM NUMBER	NEW PART NUMBER	QTY	PART TITLE	MAT	OLD PN	INSTR - DISP
21-560	2A3834-01	AR	Strut, Assy of Turb. Exh. Case, Service Repair Part	-		(3) (F)
21-570	2A3835-01	AR	Strut, Assy of Turb. Exh. Case, Service Repair Part	-		(3) (F)
21-580	2A3836-01	AR	Strut, Assy of Turb. Exh. Case, Service Repair Part	-		(3) (F)

B. For V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5 Engines (VRS3064):

72-50-53

FIG- ITEM NUMBER	NEW PART NUMBER	QTY	PART TITLE	MAT	OLD PN	INSTR - DISP
21-590	2A3508-01	AR	Strut, Assy of Turb. Exh. Case, Service Repair Part	-		(4) (F)
21-600	2A3509-01	AR	Strut, Assy of Turb. Exh. Case, Service Repair Part	-		(4) (F)
21-610	2A3510-01	AR	Strut, Assy of Turb. Exh. Case, Service Repair Part	-		(4) (F)

C. Instructions/Disposition Code Statements:**Parts Modification Conditions**

(3) The new part is a repair part for VRS5396.

(4) The new part is a repair part for VRS3064.

Spare Parts Availability

(F) The new part will be available on a Full Manufacturing Lead time quote basis only.

D. Reidentified Parts

Not Applicable.

E. Other Material Information Data

Not Applicable.

3. Accomplishment Instructions

- (1) Not applicable
- (2) Recording Instructions
 - (a) A record of accomplishment is not required.

ENGINE – TURBINE EXHAUST CASE STRUT REPLACEMENT REPAIR PARTS (VRS3064 AND VRS5396)Supplement

V2500 ALL

1. Modification Kit

A. There is no kit provided to do this Service Bulletin.

2. Material CostNOTE: Contact IAE Spares for availability and current prices.3. New Repair Parts

New Production Part Number	Description	Unit Price US Dollars
2A3508-01	Strut, Assy of Turb. Contact IAE Exh. Case	
2A3509-01	Strut, Assy of Turb. Contact IAE Exh. Case	
2A3510-01	Strut, Assy of Turb. Contact IAE Exh. Case	
2A3834-01	Strut, Assy of Turb. Contact IAE Exh. Case	
2A3835-01	Strut, Assy of Turb. Contact IAE Exh. Case	
2A3836-01	Strut, Assy of Turb. Contact IAE Exh. Case	

