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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 EV2500-70-0859 and the Initial Issue of the Supplement

Bulletin Initial Issue

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Supplement Initial Issue

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LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin are as follows:

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Printed in Great Britain



ENGINE – LP COMPRESSOR – TO ANNOUNCE THE MOUNTING BRACKETS AND THE NF TERMINAL BLOCK
WITH REVISED MATERIAL

1. Planning Information

A. Effectivity

- (1) Airbus A319
V2522-A5, V2524-A5 Engines
- (2) Airbus A320
V2500-A1, V2527-A5, V2527E-A5 Engines
- (3) Airbus A321
V2530-A5, V2533-A5 Engines
- (4) Boeing – Longbeach Division MD-90
V2525-D5, V2528-D5 Engines

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Production of the existing material of NF Terminal Block and Mounting Brackets was stopped since a carcinogenic substance is generated during a manufacturing process.

(2) Evidence

None.

(3) Substantiation

Acceptability of the revised material was evaluated by tests. The test satisfactorily completed.

(4) Objective

To revise the material of NF Terminal Block and the Mounting Brackets.



(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Maintenance

Not affected.

(c) Overhaul

Not affected.

(d) Repair Schemes

Not affected.

(e) Interchangeability

Not affected.

(f) Fits and Clearances

Not affected.

(6) Supplemental Information

None.

D. Description

(1) The changes introduced by this Service Bulletin are as follows:

- (a) The material of the NF Terminal Block and the Mounting Brackets are changed from Kinel to Phenol Aralkyl and E Glass Fibre.

E. Compliance

Category Code 7

Accomplish when there are no original parts remaining.

F. Approval

The part number transactions are given in the Material Information section of this Service Bulletin. They comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.



G. Manpower

Not applicable.

H. Material Price and Availability

Modification kit not required; parts supplied as single line items.

For prices and availability of future spares see 2. Material Information and Supplement to this bulletin.

I. Tooling Price and Availability

Not applicable.

J. Industry Support Information

Not applicable.

K. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Arm

Not affected.

(3) Datum

Engine front mount centreline (Power Plant Station - (P.P.S.) 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) IAE Engineering Change No. 03VJ002.

(2) ATA Locator - 72-32-00.

O. Other Publications Affected

(1) V2500 Engine Illustrated Parts Catalogue, Chapter/Section 72-32-17 Fig 01 will be revised to add the new part.



- (2) V2500 Engine Manual,(E-V2500-1IA and E-V2500-3IA) Chapter/Section 72-32-17, Cleaning-02, Config-01 will be revised to add the new part.
- (3) V2500 Engine Manual,(E-V2500-1IA and E-V2500-3IA) Chapter/Section 72-32-17, Inspection-02, Config-01 will be revised to add the new part.
- (4) V2500 Engine Manual,(E-V2500-1IA and E-V2500-3IA) Chapter/Section 72-32-17, Repair 001 (VRS 1216) will be revised to add the new part.

P. Interchangeability of Parts

Not affected.

**2. Material Information****A. Parts affected by this Service Bulletin:**

V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2530-A5 and V2533-A5 Engines

72-32-17

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	5A1903	1	.Bracket, Mounting B	-	5A5409	(A)(B)(S1)
01200	5A1902	1	.Bracket, Mounting A	-	5A5408	(A)(B)(S1)

72-32-37

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	5A0244	1	.Harness, Electrical, NF-		5A0244	(C)
01360	5A1901	1	..Terminal, A/O Block	-	5A1360	(D)(E)(F)

V2525-D5 and V2528-D5 Engines

72-32-17

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	5A1903	1	.Bracket, Mounting B	-	5A5409	(A)(B)(S1)
01200	5A1902	1	.Bracket, Mounting A	-	5A5408	(A)(B)(S1)

B. Instructions disposition codes:

(A) New part will become available when existing stock of old parts has been exhausted.

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

(C) New part is currently available.

(D) New parts are alternative to old parts.

(E) New and old parts are part of permanently fastened assembly (P/N 5A0244).

(F) New and old part are not spareable.



(S1) Old and new parts are freely and fully interchangeable, both physically and functionally.

3. Accomplishment Instructions

None.

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WITH REVISED MATERIAL

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; parts supplied as single line items.

2. New Production Parts:

Part No.	Description	Unit Price US Dollars
5A1903	Bracket, Mounting B	1,177.00
5A1902	Bracket, Mounting A	1,177.00
5A0244	Harness, Electrical, NF	11,650.00

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

