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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 EV2500-70-0929 and the Initial Issue of the Supplement

Bulletin Initial Issue

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LIST OF EFFECTIVE PAGES

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Printed in Great Britain

INFORMATION – ENGINE – PROVIDE NEW SEALING PLUGS FOR THE DATA ENTRY PLUG**1. Planning Information****A. Effectivity Data****(1) For Airbus A319**

Engine Models Applicable

V2522-A5, V2524-A5, V2527M-A5

Engine Serial Nos. – Any engine as applicable

(2) For Airbus A320

Engine Models Applicable

V2500-A1

Engine Serial Nos. – Any engine as applicable

V2527-A5, V2527E-A5

Engine Serial Nos. – Any engine as applicable

(3) For Airbus A321

Engine Models Applicable

V2530-A5, V2533-A5

Engine Serial Nos. – Any engine as applicable

(4) For Boeing MD-90

Engine Models Applicable

V2525-D5, V2528-D5

Engine Serial Nos. – Any engine as applicable

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

- (1) Condition: The V2500 data plug contains Sealing Plug detail PN MS27488-20. The Mil Standard Specification defining this part number was revised. PN MS27488-20 was eliminated and can no longer be procured. The replacement part number is PN MS27488-20-1. To ensure that dimensional differences between the two parts did not affect the final fit, a stack up and fit check were completed.

The down change sealing plug is no longer available, therefore the PW Data Entry Plug Kit assembly drawings PN 2A2309 and PN 2A3106 need to be revised to reflect the new part number being procured.

- (2) Substantiation: A dimensional tolerance stack up and fit check were completed to verify the final installed fit of the sealing plug.

- (3) Effects of Bulletin on:

Removal/Installation: Not applicable.

Disassembly/Assembly: Not applicable.

Cleaning: Not applicable.

Inspection/Check: Not applicable.

Repair: Not applicable.

Testing: Not applicable.

- (4) Supplemental Information

All unused connector holes require sealing plugs.

D. Description

Provide new sealing plugs that are readily procurable.

E. Compliance

Category 7

Accomplish when supply of superseded parts has been depleted.

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 models 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. Weight and Balance

- (1) Weight Change

None.

- (2) Moment Arm

No Effect.

- (3) Datum

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

I. Electrical Load Data

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

J. Software Accomplishment Summary

Not Applicable.

K. 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-V2500-71B), Chapter/Section 73-22-35.
2. V2500 Component Maintenance Manual Miscellaneous Mechanical 73-22-35.
3. Internal Reference No. - 05VC297.
4. ATA Locator - 73-22-35.

L. 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 73-22-35, to add the new part.
2. V2500 Component Maintenance Manual Miscellaneous Mechanical 73-22-35, to add the new part.

M. Interchangeability of Parts

Although the old and new parts are different in length and diameter they are fully and freely interchangeable.

N. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

O. 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. Industry Support Program

Not Applicable.

B. The material data that follows is for each engine.

73-22-35

For V2500-A1 Engines:

FIG- ITEM NUMBER	NEW PART NUMBER	QTY	PART TITLE	MAT	OLD PN	INSTR DISP
01-100	2A2309	AR	.Kit Assy, Data Entry Plug	-	2A2309	(B)
01-190	MS27488-20-1	AR	. .Plug, Sealing	-	MS27488-20	(2)(B)(C1)(I)

C. The material data that follows is for each engine.

73-22-35

For V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5 Engines:

FIG- ITEM NUMBER	NEW PART NUMBER	QTY	PART TITLE	MAT	OLD PN	INSTR DISP
01-100	2A3106	AR	.Kit Assy, Data Entry Plug	-	2A3106	(B)
01-190	MS27488-20-1	AR	. .Plug, Sealing	-	MS27488-20	(2)(B)(C1)(I)

D. Instructions/Disposition Code Statements:

Parts Modification Conditions

(2) The new part is a replacement part only, and cannot be obtained by modification of the old part.

Spare Parts Availability

(B) The new part will be available approximately 15 January 2006.

(C1) The old part will continue to be supplied for use at other locations.

Cleaning, Inspection and Repair Information

(I) The cleaning, inspection and repair requirements are the same for the old and new part. The applicable engine manuals will be revised.

E. Tooling - Price and Availability

Special tools are not required to accomplish this Service Bulletin.

F. Reidentified Parts

Not Applicable.

G. Other Material Information Data

Not Applicable.

3. Accomplishment Instructions

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

INFORMATION – ENGINE – PROVIDE NEW SEALING PLUGS FOR THE DATA ENTRY PLUGSupplement

V2500 ALL

1. Modification Kit

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

2. Material Cost

NOTE: 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 Catalog for current prices.

A. The estimated price of new material to do this Service Bulletin using new replacement parts is \$4.00 for each plug.

3. New Production Parts

New Production Part Number	Description	Unit Price US Dollars
MS27488-20-1	Plug, Sealing	4.00