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

This document transmits the Revision 2 of Service Bulletin V2500-ENG-70-0946.

### Document History

#### Service Bulletin Revision Status

Initial Issue. Nov.19/08.

Revision 1. Apr. 8/09.

### Service Bulletin Revision 2

Remove	Incorporate	Reason for change
All Pages of the Service Bulletin.	Pages 1 to 6 of the Service Bulletin.	To revise the Effectivity.
All Pages of the Supplement.	Page 1 of the Supplement.	No change.

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**CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED**  
If any have not been received please advise IAE International Aero Engines AG

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INFORMATION – ENGINE – LP TURBINE – INTRODUCTION OF NEW ACTIVE CLEARANCE CONTROL  
(ACC) SPACER PLATES MADE FROM STAINLESS STEEL (X10) MATERIAL

1. Planning Information

A. Effectivity

**NOTE:** Refer to Section 2. "Material Information" to determine the affected parts related to the point of introduction.

Part 1:

(1) Airbus A319

(a) V2522-A5, V2527M-A5 Engines prior to Serial No. V13201 (Production Standard and SelectOne™ Retrofit Standard).

R (b) V2522-A5, V2527M-A5 Engines prior to Serial No. V15321 and Serial No.  
R V15340 (SelectOne™ Production Standard).

(2) Airbus A320

(a) V2500-A1 Engines prior to Serial No. V0362.

(b) V2524-A5, V2527E-A5, V2527-A5 Engines prior to Serial No. V13201  
(Production Standard and SelectOne™ Retrofit Standard).

R (c) V2524-A5, V2527E-A5, V2527-A5 Engines prior to Serial No. V15321 and  
R Serial No. V15340 (SelectOne™ Production Standard).

(3) Airbus A321

(a) V2530-A5, V2533-A5 Engines prior to Serial No. V13201 (Production Standard and SelectOne™ Retrofit Standard).

R (b) V2530-A5, V2533-A5 Engines prior to Serial No. V15321 and Serial No.  
R V15340 (SelectOne™ Production Standard).

(4) Boeing MD-90

(a) V2525-D5, V2528-D5 Engines prior to Serial No. V20286.

Part 2:

(1) Airbus A319

(a) V2522-A5, V2527M-A5 Engines prior to Serial No. V13181 (Production Standard and SelectOne™ Retrofit Standard).

(b) V2522-A5, V2527M-A5 Engines prior to Serial No. V15231 (SelectOne™ Production Standard).

(2) Airbus A320

R

(a) V2500-A1 Engines prior to Serial No. V0362.

(b) V2524-A5, V2527E-A5, V2527-A5 Engines prior to Serial No. V13181 (Production Standard and SelectOne™ Retrofit Standard).

(c) V2524-A5, V2527E-A5, V2527-A5 Engines prior to Serial No. V15231 (SelectOne™ Production Standard).

(3) Airbus A321

(a) V2530, V2533-A5 Engines prior to Serial No. V13181 (Production Standard and SelectOne™ Retrofit Standard).

(b) V2530-A5, V2533-A5 Engines prior to Serial No. V15231 (SelectOne™ Production Standard).

(4) Boeing MD-90

(a) V2525-D5, V2528-D5 Engines prior to Serial No. V20286.

B. Reason

Introduction of new Active Clearance Control (ACC) spacer plates made from stainless steel (X10) material as the supply of current spacer plates will be discontinued by the supplier.

C. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

D. Approval

The part number changes and/or part modification described in Section 2. "Material Information" of this Service Bulletin has been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Models Listed.

E. General Information

(1) The Material Information portion of this Service Bulletin provides the latest information concerning the new ACC spacer plates.

(2) Publications Affected

- (a) IAE V2500-A1/A5/D5 Engine Illustrated Parts Catalogues (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, S-V2500-7IB) will be revised to include the new part. Refer to Section 2. "Material Information" for ATA Locations.
- (b) IAE V2500-A5 SelectOne™ Engine Illustrated Parts Catalogues (S-V2500-2SA, S-V2500-2SB, S-V2500-5SA, S-V2500-5SB, S-V2500-6SA, S-V2500-6SB, S-V2500-7SA, S-V2500-7SB) will be revised to include the new part. Refer to Section 2. "Material Information" for ATA Locations.

F. References

(1) Internal Reference No.:

R      Engineering Change No. 07VM015, 07VM015A, 07VM015-01, 07VM015-02, 07VM015A-01, 07VM015A-02 and 08VM030.

(2) ATA Locator - 75-24-49.

## 2. Material Information

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

None.

### B. New production parts:

Refer to supplement of this Service Bulletin.

### C. Parts affected by this Service Bulletin:

Applicability: For all V2500-A1/A5 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
75-24-49						
Part 1						
02-050	3A3048	12	.Spacer, plate	-	3A2827	(A)(C)(S1)
03-050	3A3048	12	.Spacer, plate	-	3A2827	(A)(C)(S1)
04-040	3A3048	4	.Spacer, plate	-	3A2827	(A)(C)(S1)
04-440	3A3048	4	.Spacer, plate	-	3A2827	(A)(C)(S1)
Part 2						
01-070	3A3045	A/R	.Spacer, plate	-	3A0213	(A)(B)(S1)
02-070	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(B)(S1)
03-070	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(B)(S1)
04-060	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(B)(S1)
04-460	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(B)(S1)

Applicability: For all V2500-D5 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
75-24-49						
Part 1 and 2						
01-070	3A3045	A/R	.Spacer, plate	-	3A0213	(A)(S1)
01-820	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(S1)
02-070	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(S1)
03-070	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(S1)
04-060	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(S1)
04-460	3A3046	A/R	.Spacer, plate	-	3A0168	(A)(S1)
02-050	3A3048	12	.Spacer, plate	-	3A2827	(A)(S1)
03-050	3A3048	12	.Spacer, plate	-	3A2827	(A)(S1)
04-040	3A3048	4	.Spacer, plate	-	3A2827	(A)(S1)
04-440	3A3048	4	.Spacer, plate	-	3A2827	(A)(S1)

**D. Instruction/Disposition Codes:**

(A) Old part will continue to be supplied until existing stock is exhausted.

(B) Refer to paragraph 1.A. Effectivity, Part 2.

(C) Refer to paragraph 1.A. Effectivity, Part 1.

(S1) Old and new part is fully interchangeable.

**3. Accomplishment Instructions**

None.



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(ACC) SPACER PLATES MADE FROM STAINLESS STEEL (X10) MATERIAL

SUPPLEMENT – PRICE AND AVAILABILITY

The prices shown are for estimating purposes only and 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.

Part No.	Description	Unit Price (US Dollars)
3A3045	Spacer, plate	178.00
3A3046	Spacer, plate	39.40
3A3048	Spacer, plate	39.40

