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

This document transmits the Initial Issue of Service Bulletin V2500-ENG-70-1001.

Service Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 4 of the Service Bulletin.	Initial Issue.
	Page 1 of the Supplement.	Initial Issue.

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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

INFORMATION – LP COMPRESSOR – TO ANNOUNCE AVAILABILITY OF THE ALTERNATIVE STAGE 1 FAN
DISC

1. Planning Information

A. Effectivity

(1) Airbus A319

(a) V2522-A5, V2524-A5, V2527M-A5 Engines from Serial No. V10001 to Serial No. V13190.

(b) V2522-A5, V2524-A5, V2527M-A5 Engines from Serial No. V15001 to Serial No. V16459.

(2) Airbus A320

(a) V2500-A1 Engines from Serial No. V0001 to Serial No. V0361.

(b) V2527-A5, V2527E-A5 Engines from Serial No. V10001 to Serial No. V13190.

(c) V2527-A5, V2527E-A5 Engines from Serial No. V15001 to Serial No. V16459.

(3) Airbus A321

(a) V2530-A5, V2533-A5 Engines from Serial No. V10001 to Serial No. V13190.

(b) V2530-A5, V2533-A5 Engines from Serial No. V15001 to Serial No. V16459.

(4) Boeing MD-90

(a) V2525-D5, V2528-D5 Engines from Serial No. V20001 to Serial No. V20285.

B. Reason

To announce the availability of the alternative Stage 1 Fan Disc with the revised surface finish operation.

C. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

D. Approval

The part number changes and/or part modifications described in section 2 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model(s) listed.

E. General Information

- (1) The Material Information portion of this Service Bulletin provides the latest information concerning the availability of the Stage 1 Fan Disc.
- (2) The surface finish operation of the Stage 1 Fan Disc is changed from sutton centri-flo to robotic shot peening.

F. References

- (1) IAE Engineering Change No. 11VJ007.
- (2) V2500 Engine Illustrated Parts Catalogue, Chapter/Section 72-31-12 Fig. 01.
- (3) ATA Locator - 72-31-00.

G. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalogue, Chapter/Section 72-31-12 Fig 01 will be revised to incorporate the new part number.
- (2) V2500 Engine Manual, Chapter/Section 72-31-12, Cleaning, Inspection and Repair will be revised to incorporate the new part number.
- (3) V2500 Time Limits Manual, Chapter/Section 05-10-01 will be revised to incorporate the new part number.

2. Material Information

A. Parts affected by this Service Bulletin:

Applicability: For all V2500 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
72-31-12						
01-200	5A1757 or 5A1948	1	.Disc, A/O Stage 1 Fan	-	5A1757	(A)(B)(C)(S1)
		REF				

B. Instruction disposition codes:

- (A) The new part is introduced as an alternative to the old part.
- (B) New part will become available when existing stock of old parts has been exhausted.
- (C) Old parts will continue to be supplied until existing supplies have been depleted.
- (S1) Old and new parts are freely and fully interchangeable, both physically and functionally.

3. Accomplishment Instructions

None.

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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.

2. New Production Parts:

Part No.	Description	Unit Price
		US Dollars
5A1948	Disc, A/O Stage 1 Fan	P.O.A.

Part is currently available for sale.

3. Tools

None.



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