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DATE ~~R~~ Sep.23/03

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

Printed in Great Britain

This document transmits Revision 1 to Service Bulletin EV2500-72-0374

### Document History

Service Bulletin Revision Status  
Initial Issue                      Jul.11/00

Supplement Revision Status

### Bulletin Revision 1

Remove  
All pages of the  
Service Bulletin

Incorporate  
Pages 1 to 4 of the  
Service Bulletin

Reason for change  
Correction to  
re-identification data in  
Accomplishment Instructions.

# V2500-ENG-72-0374

Transmittal - Page 1 of 2

CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED

If any have not been received please advise Publication Services, Rolls-Royce plc, Derby, England

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# LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 1 are as follows:

| <u>Page</u> |          | <u>Revision Number</u> | <u>Revision Date</u> |
|-------------|----------|------------------------|----------------------|
|             | Bulletin |                        |                      |
| R           | 1        | 1                      | Sep.23/03            |
| R           | 2        | 1                      | Sep.23/03            |
| R           | 3        | 1                      | Sep.23/03            |
| R           | 4        | 1                      | Sep.23/03            |

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RE-IDENTIFICATION OF SUPER POLISHED BLADES AND VANES INTRODUCED BY GIB 70-0714 –  
NON-MODIFICATION SERVICE BULLETIN

1. Planning Information

A. Effectivity

- (1) Airbus A319  
V2522-A5, V2524-A5 Engines All
- (2) Airbus A319CJ  
V2527M-A5 Engines All
- (3) Airbus A320  
V2527-A5, V2527E-A5 Engines All
- (4) Airbus A321  
V2530-A5, V2533-A5 Engines All
- (5) Boeing Long Beach Division MD-90  
V2525-D5, V2528-D5 Engines All

NOTE: GIB 70-0714 was introduced for new production Engines Serial Number V10625 through V10664 for V2500-A5 and after V20286 for V2500-D5. However, as these Blades and Vanes are spareable all V2500-A5 and V2500-D5 could have this standard of Blade and/or Vane.

B. Reason

- (1) The purpose of this Non-Modification Service Bulletin is to re-identify super polished blades and vanes that were introduced by GIB 70-0714 back to the previous standard of blade, as stated in GIB 70-0726.
- (2) GIB 70-0714 introduced a standard of blades and vanes that were identical to the superseded blades/vanes with the exception of the surface finish of the airfoil, which were super polished for trial purposes. It was decided not to continue to manufacture this standard of blade/vane (Ref GIB 70-0726).
- (3) As Pre (GIB 70-0714) and Post (GIB 70-0726) standards of blade/vanes are fully and freely interchangeable, this NMSB 72-0374, instructs the re-identification of blade/vane part numbers, to allow the full use of existing Cleaning, Inspection and Repair data in the Engine Manual.



C. Compliance

Category Code 6

Accomplish when the sub-assembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts and to all affected spare parts.

D. Approval

The compliance statement at 1.C. and the procedures in Section 2 of this Non-Modification Service Bulletin, comply with the Federal Aviation Regulations and are FAA-APPROVED for the Engine Models listed.

E. References

(1) Internal Reference No.

IAE Engineering Change Number 00VR741

(2) The IAE Standard Practices/Processes Manual (SPM), TASK 70-09-00-400-501, SUBTASK 70-09-00-400-001.

R (3) ATA Location

R 72-41-00

2. Material Information

A. None



### 3. Accomplishment Instructions

#### A. Re-identification Instructions

##### (1) Standard Equipment

Vibro-engraving equipment

##### (2) Re-identify the blades and vanes

#### PROCEDURE

- (a) With vibro-engraving equipment, cancel existing part number and identify with new part number adjacent to existing part number

#### RELATED DATA

Refer to Standard Practices/Processes Manual (SPM) TASK 70-09-00-400-501, SUBTASK 70-09-00-400-001

| Existing | Re-number |
|----------|-----------|
|----------|-----------|

|           |           |
|-----------|-----------|
| 6A7503    | 6A5942    |
| 6A7504    | 6A4254    |
| 6A7506    | 6A4198    |
| 6A7508    | 6A7406    |
| 6A7509    | 6A7407    |
| 6A7510C01 | 6A7405C01 |
| 6A7510C02 | 6A7405C02 |
| 6A7511    | 6A6462    |
| 6A7512    | 6A6463    |
| 6A7513C01 | 6A6469C01 |
| 6A7513C02 | 6A6469C02 |
| 6A7514    | 6A6464    |
| 6A7515    | 6A6465    |
| 6A7516C01 | 6A6470C01 |
| 6A7516C02 | 6A6470C02 |
| 6A7517    | 6A6566    |
| 6A7518    | 6A5645    |
| 6A7519C01 | 6A4211C01 |
| 6A7519C02 | 6A4211C02 |
| 6A7520    | 6A6567    |
| 6A7521    | 6A5646    |
| 6A7522C01 | 6A4222C01 |
| 6A7522C02 | 6A4222C02 |
| 6A7523    | 6A6568    |
| 6A7524    | 6A5647    |
| 6A7525C01 | 6A4251C01 |
| 6A7525C02 | 6A4251C02 |
| 6A7526    | 6A5947    |
| 6A7527    | 6A5648    |
| 6A7528C01 | 6A4207C01 |
| 6A7528C02 | 6A4207C02 |

R



| Existing  | Re-number |
|-----------|-----------|
| 6A7481    | 6A7424    |
| 6A7482C01 | 6A7423C01 |
| 6A7482C02 | 6A7423C02 |
| 6A7483    | 6A7426    |
| 6A7484    | 6A7427    |
| 6A7485C01 | 6A7425C01 |
| 6A7485C02 | 6A7425C02 |
| 6A7486    | 6A4250    |
| 6A7487    | 6A4246    |
| 6A7488    | 6A4248    |
| 6A7489    | 6A4249    |
| 6A7490C01 | 6A4245C01 |
| 6A7490C02 | 6A4245C02 |
| 6A7491    | 6A4226    |
| 6A7492    | 6A4227    |
| 6A7493    | 6A4228    |
| 6A7494C01 | 6A4229C01 |
| 6A7494C02 | 6A4229C02 |
| 6A7495    | 6A7429    |
| 6A7496    | 6A7430    |
| 6A7497C01 | 6A7428C01 |
| 6A7497C02 | 6A7428C02 |
| 6A7498    | 6A4241    |
| 6A7499    | 6A4238    |
| 6A7500    | 6A4239    |
| 6A7501    | 6A4240    |
| 6A7502C01 | 6A4237C01 |
| 6A7502C02 | 6A4237C02 |
| 6A7472    | 6A5653    |
| 6A7474    | 6A5655    |
| 6A7476    | 6A5677    |
| 6A7477    | 6A5678    |
| 6A7478    | 6A5679    |
| 6A7479    | 6A5762    |
| 6A7480    | 6A5763    |

- (3) When the accomplishment instructions are completed, write V2500 Non-Modification Service Bulletin ENG 72-0374 in the engine logbook. Then tell the IAE representative that this Non-Modification Service Bulletin has been accomplished.