

International Aero Engines  
INFORMATION BULLETIN

Oct. 4/99

Subject: Transmittal of Revision 1 to Service Bulletin V2500-ENG-70-0714.

Service Bulletin Revision History:

| Event       | Date       |
|-------------|------------|
| Basic Issue | May 27/99. |
| Revision 1  | Oct 4/99.  |

Reason for Revision:

- (1) To remove the word alternative in the SB title.
- (2) Concurrent requirement statement removed.
- (3) Instruction Disposition codes revised and replaced part numbers added.

Effect on Past Compliance:

None.

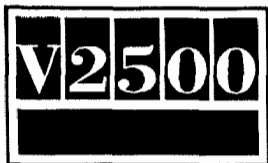
List of Effective Pages:

| Page No. | Revision No. | Effective Date |
|----------|--------------|----------------|
| 1 to 10  | Revision 1   | Oct. 04/99.    |

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## INFORMATION BULLETIN

INFORMATION - ANNOUNCEMENT OF SUPER POLISHED HP COMPRESSOR  
BLADES AND VANES

### MODEL APPLICATION

V2522-A5  
V2524-A5  
V2527-A5  
V2527E-A5  
V2530-A5  
V2533-A5  
V2525-D5  
V2528-D5

### BULLETIN INDEX LOCATOR

72-41-00

Compliance Category Code

For Information Only

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Internal reference No.

EC98VR029

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## INFORMATION BULLETIN

### INFORMATION - ANNOUNCEMENT OF SUPER POLISHED HP COMPRESSOR BLADES AND VANES

#### 1. Planning Information

##### A. Effectivity

###### (1) Aircraft:

- (a) Airbus A319.
- (b) Airbus A320.
- (c) Airbus A321.
- (e) Boeing – Douglas Product Division MD-90

###### (2) Engines:

- (a) V2522-A5 Engines prior to serial No. V10625 and after V10664.
- (b) V2524-A5 Engines prior to serial No. V10625 and after V10664.
- (c) V2527-A5 Engines prior to serial No. V10625 and after V10664.
- (d) V2527E-A5 Engines prior to serial No. V10625 and after V10664.
- (e) V2530-A5 Engines prior to serial No. V10625 and after V10664.
- (f) V2533-A5 Engines prior to serial No. V10625 and after V10664.
- (g) V2525-D5 Engines prior to serial No. V20286.
- (h) V2528-D5 Engines prior to serial No. V20286.

##### B. Reason

To announce the introduction of HP Compressor blades and vanes with super polished finish.

##### C. Compliance

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### **D. Approval**

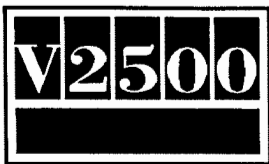
The part number transactions are given in the Material Information section of this Service Bulletin. They comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.

### **E. References**

IAE Engineering Change Number 98VR029.

### **F. General Information**

- (1) The Material Information section of this Service Bulletin gives the latest information about the availability of the affected parts.



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### 2. Material Information

A. Kits necessary for this Service Bulletin:

None.

B. Parts affected by this Service Bulletin:

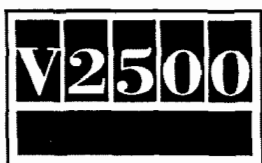
| NEW<br>PART No.<br>(ATA No.) | QTY | EST'D<br>UNIT<br>PRICE (\$) | PART TITLE                                   | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|-----------------------------|----------------------------------------------|------------------------------|---------------|
| 6A7503<br>(72-41-15)         | 31  |                             | .Blade, Stg.3 -<br>HP Compressor             | 6A5942<br>(01-200)           | (S1)          |
| 6A7504<br>(72-41-15)         | 38  |                             | .Blade assy, Stg.4 -<br>HP Compressor        | 6A4254<br>(01-500)           | (S1)          |
| 6A7506<br>(72-41-15)         | 64  |                             | .Blade assy, Stg.5 -<br>HP Compressor        | 6A4198<br>(01-800)           | (S1)          |
| 6A7508<br>(72-41-15)         | 2   |                             | .Blade assy, Stg.6 LH lock-<br>HP Compressor | 6A7406<br>(02-170)           | (S1)          |
| 6A7509<br>(72-41-15)         | 2   |                             | .Blade assy, Stg.6 RH lock-<br>HP Compressor | 6A7407<br>(02-185)           | (S1)          |
| 6A7510C01<br>(72-41-15)      | 52  |                             | .Blade, Stg.6 Nominal -<br>HP Compressor     | 6A7405C01<br>(02-200)        | (S1)          |
| 6A7510C01<br>(72-41-15)      | 23  |                             | .Blade, Stg.6 Nominal -<br>HP Compressor     | 6A7405C01<br>(02-215)        | (S1)          |
| 6A7510C02<br>(72-41-15)      | 23  |                             | .Blade, Stg.6 U/Size -<br>HP Compressor      | 6A7405C02<br>(02-217)        | (S1)          |
| 6A7511<br>(72-41-15)         | 2   |                             | .Blade, Stg.7 LH lock -<br>HP Compressor     | 6A6462<br>(02-270)           | (S1)          |
| 6A7512<br>(72-41-15)         | 2   |                             | .Blade, Stg.7 RH lock -<br>HP Compressor     | 6A6463<br>(02-285)           | (S1)          |
| 6A7513C01<br>(72-41-15)      | 63  |                             | .Blade, Stg.7 Nominal -<br>HP Compressor     | 6A6469C01<br>(02-300)        | (S1)          |

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| NEW<br>PART No.<br>(ATA No.) | QTY | EST'D<br>UNIT<br>PRICE (\$) | PART TITLE                                | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|-----------------------------|-------------------------------------------|------------------------------|---------------|
| 6A7513C01<br>(72-41-15)      | 26  |                             | .Blade, Stg.7 Nominal -<br>HP Compressor  | 6A6469C01<br>(02-315)        | (S1)          |
| 6A7513C02<br>(72-41-15)      | 26  |                             | .Blade, Stg.7 U/Size -<br>HP Compressor   | 6A6469C02<br>(02-317)        | (S1)          |
| 6A7514<br>(72-41-15)         | 2   |                             | .Blade, Stg.8 LH lock -<br>HP Compressor  | 6A6464<br>(02-370)           | (S1)          |
| 6A7515<br>(72-41-15)         | 2   |                             | .Blade, Stg.8 RH lock -<br>HP Compressor  | 6A6465<br>(02-385)           | (S1)          |
| 6A7516C01<br>(72-41-15)      | 56  |                             | .Blade, Stg.8 Nominal -<br>HP Compressor  | 6A6470C01<br>(02-400)        | (S1)          |
| 6A7516C01<br>(72-41-15)      | 24  |                             | .Blade, Stg.8 Nominal -<br>HP Compressor  | 6A6470C01<br>(02-415)        | (S1)          |
| 6A7516C02<br>(72-41-15)      | 24  |                             | .Blade, Stg.8 U/Size -<br>HP Compressor   | 6A6470C02<br>(02-417)        | (S1)          |
| 6A7517<br>(72-41-15)         | 2   |                             | .Blade, Stg.9 LH lock -<br>HP Compressor  | 6A6566<br>(02-470)           | (S1)          |
| 6A7518<br>(72-41-15)         | 2   |                             | .Blade, Stg.9 RH lock -<br>HP Compressor  | 6A5645<br>(02-485)           | (S1)          |
| 6A7519C01<br>(72-41-15)      | 60  |                             | .Blade, Stg.9 Nominal -<br>HP Compressor  | 6A4211C01<br>(02-500)        | (S1)          |
| 6A7519C01<br>(72-41-15)      | 25  |                             | .Blade, Stg.9 Nominal -<br>HP Compressor  | 6A4211C01<br>(02-515)        | (S1)          |
| 6A7519C02<br>(72-41-15)      | 25  |                             | .Blade, Stg.9 U/Size -<br>HP Compressor   | 6A4211C02<br>(02-517)        | (S1)          |
| 6A7520<br>(72-41-15)         | 2   |                             | .Blade, Stg.10 LH lock -<br>HP Compressor | 6A6567<br>(02-570)           | (S1)          |

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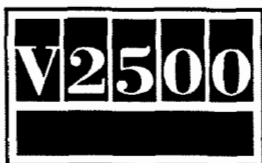
| NEW<br>PART No.<br>(ATA No.) | QTY | EST'D<br>UNIT<br>PRICE (\$) | PART TITLE                                | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|-----------------------------|-------------------------------------------|------------------------------|---------------|
| 6A7521<br>(72-41-15)         | 2   |                             | .Blade, Stg.10 RH lock -<br>HP Compressor | 6A6546<br>(02-585)           | (S1)          |
| 6A7522C01<br>(72-41-15)      | 57  |                             | .Blade, Stg.10 Nominal -<br>HP Compressor | 6A4222C01<br>(02-600)        | (S1)          |
| 6A7522C01<br>(72-41-15)      | 24  |                             | .Blade, Stg.10 Nominal -<br>HP Compressor | 6A4222C01<br>(02-615)        | (S1)          |
| 6A7522C02<br>(72-41-15)      | 24  |                             | .Blade, Stg.10 U/Size -<br>HP Compressor  | 6A4222C02<br>(02-617)        | (S1)          |
| 6A7523<br>(72-41-15)         | 2   |                             | .Blade, Stg.11 LH lock -<br>HP Compressor | 6A6568<br>(02-670)           | (S1)          |
| 6A7524<br>(72-41-15)         | 2   |                             | .Blade, Stg.11 RH lock -<br>HP Compressor | 6A5647<br>(02-685)           | (S1)          |
| 6A7525C01<br>(72-41-15)      | 50  |                             | .Blade, Stg.11 Nominal -<br>HP Compressor | 6A4251C01<br>(02-700)        | (S1)          |
| 6A7525C01<br>(72-41-15)      | 24  |                             | .Blade, Stg.11 Nominal -<br>HP Compressor | 6A4251C01<br>(02-715)        | (S1)          |
| 6A7525C02<br>(72-41-15)      | 24  |                             | .Blade, Stg.11 U/Size -<br>HP Compressor  | 6A4251C02<br>(02-717)        | (S1)          |
| 6A7526<br>(72-41-15)         | 2   |                             | .Blade, Stg.12 LH lock -<br>HP Compressor | 6A5947<br>(02-770)           | (S1)          |
| 6A7527<br>(72-41-15)         | 2   |                             | .Blade, Stg.12 RH lock -<br>HP Compressor | 6A5948<br>(02-785)           | (S1)          |
| 6A7528C01<br>(72-41-15)      | 44  |                             | .Blade, Stg.12 Nominal -<br>HP Compressor | 6A4207C01<br>(02-800)        | (S1)          |
| 6A7528C01<br>(72-41-15)      | 23  |                             | .Blade, Stg.12 Nominal -<br>HP Compressor | 6A4207C01<br>(02-815)        | (S1)          |

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| NEW<br>PART No.<br>(ATA No.) | QTY | EST'D<br>UNIT<br>PRICE (\$) | PART TITLE                                 | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|-----------------------------|--------------------------------------------|------------------------------|---------------|
| 6A7528C02<br>(72-41-15)      | 23  |                             | .Blade, Stg.12 U/Size -<br>HP Compressor   | 6A4207C02<br>(02-817)        | (S1)          |
| 6A7481<br>(72-41-22)         | 4   |                             | .Vane, Stg.6 Stop -<br>HP Compressor       | 6A7424<br>(01-350)           | (S1)          |
| 6A7482C01<br>(72-41-22)      | 60  |                             | .Vane, Stg.6 Nominal -<br>HP Compressor    | 6A7423C01<br>(01-400)        | (S1)          |
| 6A7482C01<br>(72-41-22)      | 20  |                             | .Vane, Stg.6 Nominal -<br>HP Compressor    | 6A7423C01<br>(01-448)        | (S1)          |
| 6A7482C02<br>(72-41-22)      | 20  |                             | .Vane, Stg.6 U/Size -<br>HP Compressor     | 6A7423C02<br>(01-450)        | (S1)          |
| 6A7483<br>(72-41-22)         | 4   |                             | .Vane, Stg.7 LH Stop -<br>HP Compressor    | 6A7426<br>(02-150)           | (S1)          |
| 6A7484<br>(72-41-22)         | 4   |                             | .Vane, Stg.7 RH Stop -<br>HP Compressor    | 6A7427<br>(02-350)           | (S1)          |
| 6A7485C01<br>(72-41-22)      | 56  |                             | .Vane, Stg.7 Nominal -<br>HP Compressor    | 6A7425C01<br>(02-400)        | (S1)          |
| 6A7485C01<br>(72-41-22)      | 24  |                             | .Vane, Stg.7 Nominal-<br>HP Compressor     | 6A7425C01<br>(02-448)        | (S1)          |
| 6A7485C02<br>(72-41-22)      | 24  |                             | .Vane, Stg.7 U/Size -<br>HP Compressor     | 6A7425C02<br>(02-450)        | (S1)          |
| 6A7486<br>(72-41-22)         | 4   |                             | .Vane, Stg.8 Retaining -<br>HP Compressor  | 6A4250<br>(03-150)           | (S1)          |
| 6A7487<br>(72-41-22)         | 1   |                             | .Vane, Stg.8 LH I/Scope -<br>HP Compressor | 6A4246<br>(03-200)           | (S1)          |
| 6A7488<br>(72-41-22)         | 1   |                             | .Vane, Stg.8 RH I/Scope -<br>HP Compressor | 6A4248<br>(03-250)           | (S1)          |

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| NEW<br>PART No.<br>(ATA No.) | QTY | ESTD<br>UNIT<br>PRICE (\$) | PART TITLE                                 | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|----------------------------|--------------------------------------------|------------------------------|---------------|
| 6A7489<br>(72-41-22)         | 4   |                            | .Vane, Stg.8 Stop -<br>HP Compressor       | 6A4249<br>(03-350)           | (S1)          |
| 6A7490C01<br>(72-41-22)      | 54  |                            | .Vane, Stg.8 Nominal -<br>HP Compressor    | 6A4245C01<br>(03-400)        | (S1)          |
| 6A7490C01<br>(72-41-22)      | 28  |                            | .Vane, Stg.8 Nominal -<br>HP Compressor    | 6A4245C01<br>(03-448)        | (S1)          |
| 6A7490C02<br>(72-41-22)      | 28  |                            | .Vane, Stg.8 U/Size -<br>HP Compressor     | 6A4245C02<br>(03-450)        | (S1)          |
| 6A7491<br>(72-41-22)         | 1   |                            | .Vane, Stg.9 LH I/Scope -<br>HP Compressor | 6A4226<br>(04-200)           | (S1)          |
| 6A7492<br>(72-41-22)         | 1   |                            | .Vane, Stg.9 RH I/Scope-<br>HP Compressor  | 6A4227<br>(04-250)           | (S1)          |
| 6A7493<br>(72-41-22)         | 8   |                            | .Vane, Stg.9 Stop -<br>HP Compressor       | 6A4228<br>(04-350)           | (S1)          |
| 6A7494C01<br>(72-41-22)      | 62  |                            | .Vane, Stg.9 Nominal -<br>HP Compressor    | 6A4229C01<br>(04-400)        | (S1)          |
| 6A7494C01<br>(72-41-22)      | 32  |                            | .Vane, Stg.9 Nominal -<br>HP Compressor    | 6A4229C01<br>(04-448)        | (S1)          |
| 6A7494C02<br>(72-41-22)      | 32  |                            | .Vane, Stg.9 U/Size -<br>HP Compressor     | 6A4229C02<br>(04-450)        | (S1)          |
| 6A7495<br>(72-41-22)         | 4   |                            | .Vane, Stg.10 RH Stop -<br>HP Compressor   | 6A7429<br>(05-350)           | (S1)          |
| 6A7496<br>(72-41-22)         | 4   |                            | .Vane, Stg.10 LH Stop -<br>HP Compressor   | 6A7430<br>(05-355)           | (S1)          |
| 6A7497C01<br>(72-41-22)      | 60  |                            | .Vane, Stg.10 Nominal -<br>HP Compressor   | 6A7428C01<br>(05-400)        | (S1)          |

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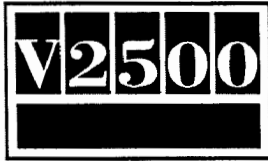
| NEW<br>PART No.<br>(ATA No.) | QTY | EST'D<br>UNIT<br>PRICE (\$) | PART TITLE                                  | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|-----------------------------|---------------------------------------------|------------------------------|---------------|
| 6A7497C01<br>(72-41-22)      | 32  |                             | .Vane, Stg.10 Nominal -<br>HP Compressor    | 6A7428C01<br>(05-448)        | (S1)          |
| 6A7497C02<br>(72-41-22)      | 32  |                             | .Vane, Stg.10 U/Size -<br>HP Compressor     | 6A7428C02<br>(05-450)        | (S1)          |
| 6A7498<br>(72-41-22)         | 4   |                             | .Vane, Stg.11 Retaining -<br>HP Compressor  | 6A4241<br>(06-150)           | (S1)          |
| 6A7499<br>(72-41-22)         | 1   |                             | .Vane, Stg.11 LH I/Scope -<br>HP Compressor | 6A4238<br>(06-200)           | (S1)          |
| 6A7500<br>(72-41-22)         | 1   |                             | .Vane, Stg.11 RH I/Scope -<br>HP Compressor | 6A4239<br>(06-250)           | (S1)          |
| 6A7501<br>(72-41-22)         | 4   |                             | .Vane, Stg.11 Stop -<br>HP Compressor       | 6A4240<br>(06-350)           | (S1)          |
| 6A7502C01<br>(72-41-22)      | 58  |                             | .Vane, Stg.11 Nominal -<br>HP Compressor    | 6A4237C01<br>(06-400)        | (S1)          |
| 6A7502C01<br>(72-41-22)      | 40  |                             | .Vane, Stg.11 Nominal -<br>HP Compressor    | 6A4237C01<br>(06-448)        | (S1)          |
| 6A7502C02<br>(72-41-22)      | 40  |                             | .Vane, Stg.11 U/Size -<br>HP Compressor     | 6A4237C02<br>(06-450)        | (S1)          |
| 6A7472<br>(72-41-32)         | 38  |                             | .Vane assy, VIGV Long -<br>HP Compressor    | 6A5653<br>(01-500)           | (S1)          |
| 6A7474<br>(72-41-32)         | 2   |                             | .Vane assy, VIGV Short -<br>HP Compressor   | 6A5655<br>(01-600)           | (S1)          |
| 6A7476<br>(72-41-32)         | 30  |                             | .Vane, Stg.3 VSV Long -<br>HP Compressor    | 6A5677<br>(02-500)           | (S1)          |
| 6A7477<br>(72-41-32)         | 2   |                             | .Vane, Stg.3 VSV Short -<br>HP Compressor   | 6A5678<br>(02-600)           | (S1)          |

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| NEW<br>PART No.<br>(ATA No.) | QTY | EST'D<br>UNIT<br>PRICE (\$) | PART TITLE                                | OLD<br>PART No.<br>(IPC No.) | INSTR<br>DISP |
|------------------------------|-----|-----------------------------|-------------------------------------------|------------------------------|---------------|
| 6A7478<br>(72-41-32)         | 50  |                             | .Vane, Stg.4 VSV -<br>HP Compressor       | 6A5679<br>(03-500)           | (S1)          |
| 6A7479<br>(72-41-32)         | 60  |                             | .Vane, Stg.5 VSV Short -<br>HP Compressor | 6A5762<br>(04-500)           | (S1)          |
| 6A7480<br>(72-41-32)         | 4   |                             | .Vane, Stg.5 VSV Long -<br>HP Compressor  | 6A5763<br>(04-600)           | (S1)          |

NOTE: The unit prices, if shown, are an estimate and they are given for the purpose of planning only.  
For actual prices, refer to IAE Price Catalog or contact IAE's spare parts sales department.

### C. Instruction Disposition Codes

(S1) Old and new parts are freely and fully interchangeable.