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V2500-D5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

This document transmits the Initial Issue of Service Bulletin V2500-ENG-70-0989.

Service Bulletin Initial Issue

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If any have not been received please advise IAE International Aero Engines AG



INFORMATION – AIR – TURBINE COOLING AIR TUBES MATERIAL CHANGE**1. Planning Information****A. Effectivity**

(1) Boeing MD-90

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

**B. Reason**

To introduce new Turbine Cooling Air (TCA) supply tube assemblies manufactured from a different material to replace existing assemblies, which are no longer manufactured.

**C. Compliance**

Category Code 7

Accomplish when the supply of superseded parts has been depleted.

**D. Approval**

The part number changes and/or part modifications described in sections 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.

**E. General Information**

The Material Information section of this Service Bulletin provides the latest information concerning the TCA supply tube assemblies.

**F. References**

(1) Internal Reference No.

Engineering Change No. 09VR126.

(2) ATA Locator – 75-23-49.

**G. Other Publications Affected**

(1) IAE V2500 Engine Illustrated Parts Catalogues (S-V2500-3IA, S-V2500-3IB and S-V2500-3IC), Chapter 75-23-49, Fig. 01 and Fig. 02 will be amended to incorporate the new part numbers (Refer to paragraph 2. Material Information).

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IAE PROPRIETARY INFORMATION

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- (2) IAE V2500 CMM-THD-Tubes, Hoses & Ducts (CMM-THD-V2500-3IA), Chapter/Section 75-23-49 Cleaning and Inspection, to add the new part numbers.
- (3) IAE V2500 CMM-THD-Tubes, Hoses & Ducts (CMM-THD-V2500-3IA), Chapter/Section 70-35-24 Repair 001 (VRS 7001), to add the new part numbers.

### H. Interchangeability of Parts

Not affected.

## 2. Material Information

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

None.

### B. Parts to be reworked:

None.

### C. New production parts:

Applicability: For all V2500-D5 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
75-23-49						
01-100	6B1362	1	.Low pressure turbine cooling air supply tube assembly	-	6A5365	(S1)(S2)
01-500	6B1359	1	.Low pressure turbine cooling air supply tube assembly	-	6A5195	(S1)(S2)
02-100	6B1360	1	.Low pressure turbine cooling air supply tube assembly	-	6A5196	(S1)(S2)
02-500	6B1361	1	.Low pressure turbine cooling air supply tube assembly	-	6A5198	(S1)(S2)

### D. Instruction disposition codes:

(S1) Old and new parts are fully interchangeable.

(S2) New part is available for sale.

**3. Accomplishment Instructions**

None.

INFORMATION – AIR – TURBINE COOLING AIR TUBES MATERIAL CHANGESUPPLEMENT – 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
75-23-49		
6B1362	Low pressure turbine cooling air supply tube assembly	\$ 12,181.83
6B1359	Low pressure turbine cooling air supply tube assembly	\$ 9,494.79
6B1360	Low pressure turbine cooling air supply tube assembly	\$ 9,473.36
6B1361	Low pressure turbine cooling air supply tube assembly	\$ 9,443.58

Parts are currently available for sale.

3. Tools

None.

