



STANDARD PRACTICES - ENGINE - INFORMATION - ENGINE - HP TURBINE ROTOR AND STATOR  
ASSEMBLY - INTRODUCE NEW STAGE 1 HPT DUCT SEGMENTS WITH REVISED COATED AREAS -  
CATEGORY CODE 7 - MOD.ENG-70-0300

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320, A321  
McDonnell Douglas MD-90
- (2) Engine: V2500-A5 Engines before Serial No. V10081\*  
V2500-D5 Engines before Serial No. V20015\*

\*The Serial Number data shown is of a preliminary nature and is provided for advanced planning only. A future revision to this Service Bulletin will confirm the final Serial Number effectivity.

B. Reason

Replace the Stage 1 HPT Duct Segment Assemblies with new assemblies that have the forward chamfer coated.

Relax various dimensional features for the segments, pins and covers.

These changes will improve the durability of the parts and make them easier to manufacture.

C. Compliance

Category Code 7

Accomplish when the supply of superseded parts has been depleted.

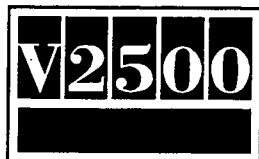
D. Approval

The part number transactions shown under the Material Information portion of this Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

- (1) Internal Reference No.  
93VA069

V2500-ENG-70-0300



F. General Information

- (1) The Material Information portion of this Bulletin provides the latest information concerning the availability of the Turbine Exhaust Case Assembly.

G. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
2A1703 (72-45-20)	1		.Case and Vane Assembly Turbine	- (01-005)	(A) (B)
2A3061-01 (72-45-23)	38		Duct Segment, HPT Stage 1, Assembly	2A2063-01 (01-060)	(1) (A) (B)
2A3062 (72-45-23)	1		..Pin, Straight, Headless	2A2346 (01-066)	(1) (A) (B)
2A3062CL1 (72-45-23)	1		..Pin, Straight, Headless	2A2346CL1 (01-068)	(1)(A) (B)
2A3062CL2 (72-45-23)	1		..Pin, Straight, Headless	2A2346CL2 (01-070)	(1)(A) (B)
2A3062CL3 (72-45-23)	1		..Pin, Straight Headless	2A2346CL3 (01-072)	(1)(A) (B)
2A3062CL4 (72-45-23)	1		..Pin, Straight, Headless	2A2346CL4 (01-074)	(1)(A) (B)
2A3062P3 (72-45-23)	1		..Pin, Straight Headless	2A2346P3 (01-076)	(1)(A) (B)
2A3062P5 (72-45-23)	1		..Pin, Straight Headless	2A2346P5 (01-078)	(1)(A) (B)

H. Instructions/Disposition Code Statements:

- (1) Old and new parts are freely and fully interchangeable, both physically and functionally.  
(2) New part is currently available.  
(3) Old part is no longer available.

NOTE: The estimated 1994 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.