



ENGINE - HP TURBINE ROTOR AND STATOR ASSEMBLY - INTRODUCE A REVISED STAGE 2 BLADE
RETAINING PLATE - CATEGORY CODE 7 - MOD.ENG-72-0028

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines before Serial No.V0131, except V0125 and
Serial No.V0139

B. Reason

- (1) Condition
Not applicable
- (2) Background
The design change will accomodate anticipated additional product
improvements.
- (3) Objective
To provide a product improvement.
- (4) Substantiation
Not considered necessary.
- (5) Effect of Bulletin on the following shop functions:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected
- (6) Supplemental Information:
None.

C. Description

- (1) A new Stage 2 HPT Blade Retaining Plate is provided.

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**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 Model listed.

E. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) At overhaul	TOTAL 1 hour 13 minutes
(a) To gain access	Not applicable (Parts are accessible at overhaul)
(b) To install the new .. stage 2 HPT retaining ring	1 hour 13 minutes
	TOTAL: 1 hour 13 minutes
(c) To return part to overhaul condition	Not applicable

Remarks: No additional time will be required to maintain the new configuration.

G. Material – Price and Availability

- (1) Modification kit not required.
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling – Price and Availability

Special tools are not required.

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I. Weight and Balance

- | | |
|-------------------|--|
| (1) Weight change | None |
| (2) Moment arm | No effect |
| (3) Datum | Engine front mount centreline
(Power Plant Station (PPS) 100) |

J. Electrical Load Data

This Service has no effect on the aircraft electrical load.

K. References

- (1) Internal Reference No.

88VA169

- (2) Other References

V2500 Engine Manual.

L. Other Publications Affected

- (1) The V2500 Engine Illustrated Parts Catalog, Chapter/Section 72-45-33, Figure 1.
- (2) The V2500 Engine Manual, Chapter/Section 72-45-33, Cleaning, to add the new part.
- (3) The V2500 Engine Manual, Chapter/Section 72-45-33, Inspection/Check, to add the new part.
- (4) The V2500 Engine Manual, chapter/Section 72-45-33, Repair, to add the new part.

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2. Accomplishment Instructions

A. Rework Instructions

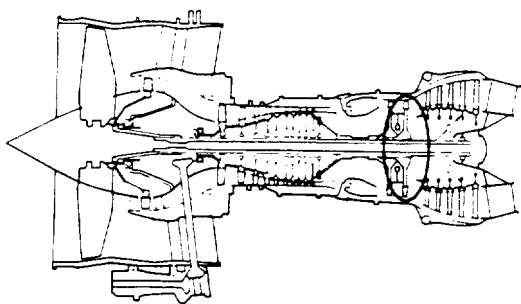
- (1) There are no rework instructions necessary to accomplish this Service Bulletin.

B. Assembly Instructions

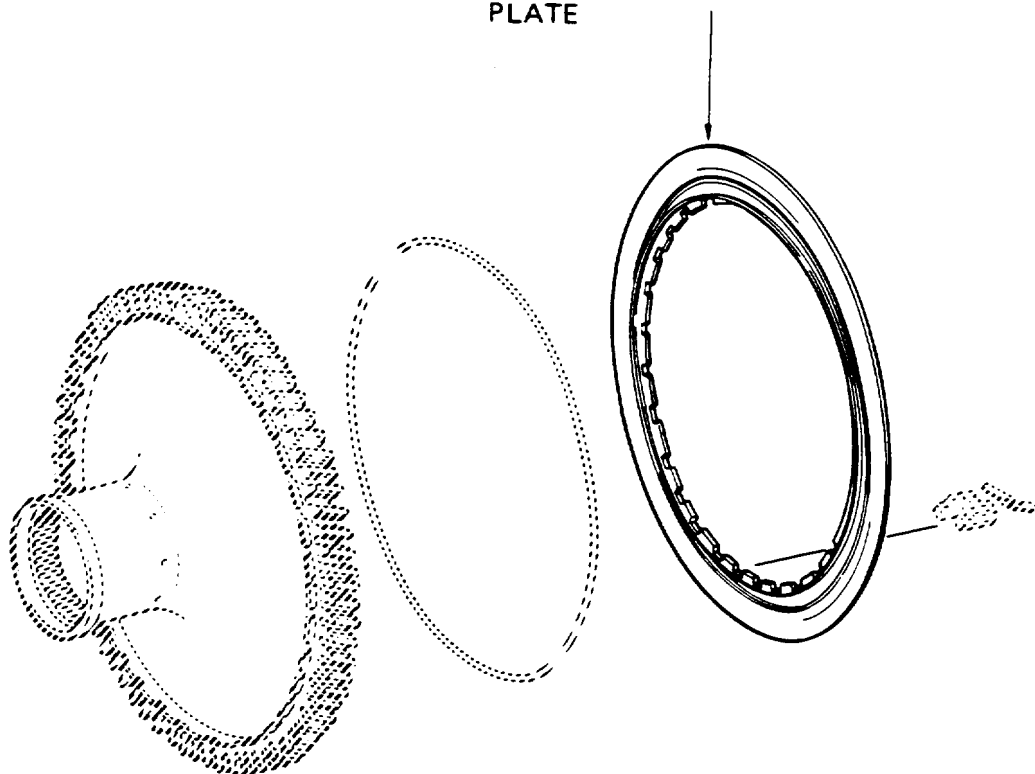
- (1) Install the 2A1813 stage 2 Blade Retaining Plate (1 off) by the approved procedure in Reference (1) Chapter/Section 72-45-30 Assembly. Refer to Figure 1.

C. Recording Instructions

- (1) A record of accomplishment is necessary.



REMOVE THE PN 2A0160 STAGE 2
HPT BLADE RETAINING PLATE
(1 Off) AND INSTALL THE PN 2A1813
STAGE 2 HPT BLADE RETAINING
PLATE



de00019537

Location of the stage 2 HPT blade retaining plate
Fig.1



SERVICE BULLETIN

3. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
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Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None.

B. Parts affected by this Bulletin:

2A1813	1	Plate - Retaining,	2A0160	(A)(B)
(72-45-33)		Blade, HPT, Stage 2	(01-020)	

C. Instruction/Disposition Code Statements:

- (A) New Part currently available for sale.
- (B) Old Part is no longer available.

NOTE: The estimated 1990 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Pricing Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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