



ENGINE - H.P. COMPRESSOR - TO ANNOUNCE NEW H.P. COMPRESSOR STAGE 9 TO 12 DISCS -
CATEGORY CODE 7 - MOD.ENG-72-0102

1. Planning Information

A. Effectivity

- (1) Aircraft - Airbus A320
- (2) Engine - V2500 A1 Engines prior to Serial No.V0146 and V0161 and V0182

B. Reason

(1) Condition

The manufacturing source for the stage 9 to 12 disc assembly has been revised.

(2) Background

Manufacturing responsibility has been altered.

(3) Objective

To change the source of supply

(4) Substantiation

Cyclic and overspeed rig testing demonstrated that the design meets the F.A.A. certification requirements in respect of acceptable cyclic fatigue life and stress margins.

(5) Effect of Bulletin on Workshop Procedures

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) The changes introduced by this Service Bulletin are as follows:

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- (a) A new H.P. compressor stage 9 to 12 disc assembly which is identical to the existing assembly except for manufacture source.
- (b) For effect on declared life refer to Engine Manual, 5-10-1 Group 'A' part lives.

D. Approval

The part number changes and/or part modifications described in Section 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

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Accomplish when the supply of superseded parts has been depleted.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	Not affected

NOTE: The part affected by this Service Bulletin is accessible at overhaul.

G. Material - Price and Availability

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

H. Tooling - Price and Availability

Special tools are not required.

I. Weight and Balance

- (1) Weight change plus 0.5lbs (0,23 kg.)
- (2) Moment arm 25.5in. (648 mm.) rearward of datum
- (3) Datum Engine front mount centreline
(Power Plant Station (P.P.S.) 100)

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J. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

K. References

(1) Internal Reference No.

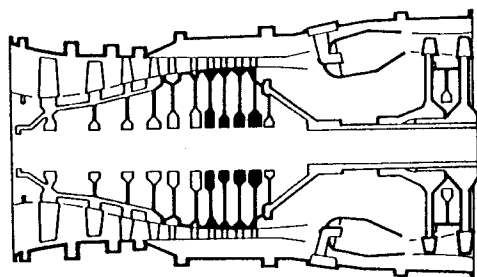
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L. Other Publications Affected

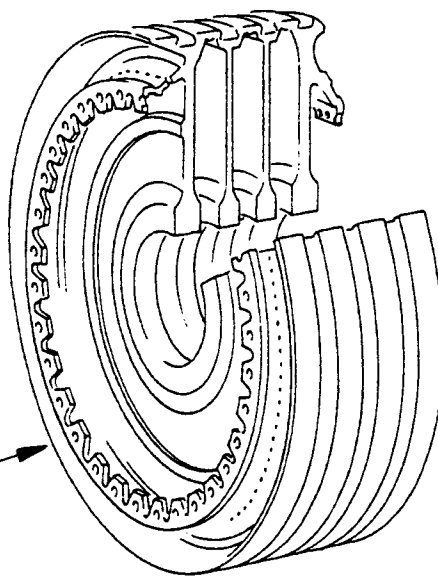
(1) V2500 Illustrated Parts Catalog, 72-41-12.

(2) V2500 Engine Manual, 72-41-12, Cleaning, Inspection/Check and 5-10-01, Group 'A' parts.



MODULE 40

REMOVE 2A3200 DISC AND
INSTALL 6A4131 DISC



B3031

Location of stage 9 to 12 compressor discs
Fig.1

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2. Accomplishment Instructions

A. Rework Instructions

- (1) There are no rework instructions required for this Service Bulletin.

B. Assembly Instructions

- (1) New 6A4131 disc, stage 9 to 12 H.P. compressor is interchangeable with in use disc, stage 9 to 12 H.P. compressor.
- (2) Assemble new 6A4131 disc, stage 9 to 12 H.P. compressor by use of approved procedures, Engine Manual 72-41-10, Assembly.

C. Recording Instructions

A record of accomplishment is necessary.



SERVICE BULLETIN

3. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected by this Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
6A4131 (72-41-12)	1		Disc, A/O, Stage 9 to 12 - H.P. Compressor	2A3200 (01-600) or 2A3300 (01-600) or 2A3400 (01-600) or 2A3500 (01-600)	(S1)(A)(B)

C. Instruction/Disposition code statements:

- (S1) Old and new parts are freely and fully interchangeable.
(A) New part is currently available for sale.
(B) Old part is no longer available.

NOTE: The estimated 1991 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the I.A.E. Price Catalog or contact I.A.E.'s Spare Parts Sales Department for information concerning firm prices.

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