

International Aero Engines

SERVICE BULLETIN

May 29/98

Subject: Transmittal of Revision 2 to Service Bulletin V2500-ENG-72-0098

Service Bulletin Revision History:

Event	Date
Basic Issue	Jan. 18/91
Revision 1	Dec. 19/91
Revision 2	May 29/98

Reason for Revision:

- (1) Change effectivity at 1. A. (2) (a).
- (2) Editorial changes to bring SB up to latest standards.

Effect on Past Compliance:

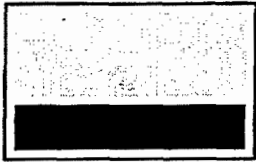
None.

List of Effective Pages:

Page No.	Revision No.	Effective Date
1 to 8	Revision 2	May 29/98

V2500-ENG-72-0098

Transmittal
Page 1 of 1



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ENGINE - HP COMPRESSOR - TO ANNOUNCE A NEW REAR SHAFT ASSEMBLY FOR THE
HP COMPRESSOR

MODEL APPLICATION

V2500-A1

BULLETIN INDEX LOCATOR

72-41-00

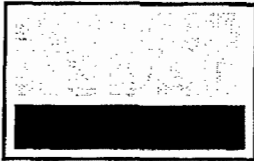
Compliance Category Code

7

R

Internal Reference No.

EC89VR006
ECM89VR006-02
ECM89VR006-04



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ENGINE - HP COMPRESSOR - TO ANNOUNCE A NEW REAR SHAFT ASSEMBLY FOR THE
HP COMPRESSOR

1. Planning Information

A. Effectivity

(1) Aircraft

(a) Airbus A320

(2) Engines

- (a) V2500-A1 Engines Serial No. V0145, V0146, V0148, V0150, V0152, V0153, V0155, V0156,
V0157, V0162 to V0360, then from V0363.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The source of manufacture for the HP Compressor rear shaft has been changed.

(2) Evidence

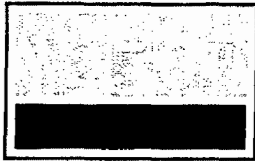
The responsibility for manufacture has changed.

(3) Substantiation

Cyclic and overspeed rig tests have shown that the new design complies with the FAA certification requirements for cyclic fatigue life and stress margins.

(4) Objective

The purpose of this Service Bulletin is to change the source of manufacture.



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(5) Effect of Bulletin on:

- R (a) Operation
Not affected.
- R (b) Maintenance
Not affected.
- R (c) Overhaul
Affected.
- R (d) Repair Schemes
Not affected.
- R (e) Interchangeability
Not affected.
- R (f) Fits and Clearances
Not affected.

R D. Description

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

- (a) A new rear shaft assembly for the HP Compress from a different manufacturer.
- (b) For the effect on declared life, refer to the A1 Engine Manual (EM), Chapter/Section 05-10-01, Group-A part lives.

R E. Compliance

Category Code 7.

This Service Bulletin can be accomplished when there are no original parts remaining.

R F. Approval

The part number changes and/or part modification are given in Section 2 and 3 of this Service Bulletin. They obey the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.



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R G. Manpower

Estimate of man-hours necessary to embody this Service Bulletin in full:

<u>Venue</u>	<u>Estimated Man-Hours</u>
(1) In Service	Not applicable
(2) At Overhaul	Not affected

R H. Material - Price and Availability

- (1) A modification kit is not necessary.
- (2) Refer to the Material Information section for prices and availability of spares.

R I. Tooling Price and Availability

Special tools are not necessary.

R J. Weight and Balance

- (1) Weight Change

None.

- (2) Moment Arm

Not affected.

- (3) Datum

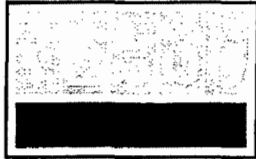
Engine front mount centerline (Power Plant Station (PPS) - 100)

R K Electrical Load Data

This Service bulletin does not affect the aircraft electrical load.

R L. References

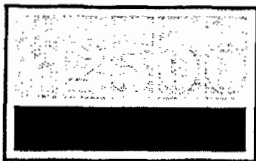
- R (1) Engine Manual (EM), Chapter/Section 05-10-01, Group-A part lives.
- R (2) Engine Manual (EM), Chapter/Section 72-41-10, Disassembly/Assembly.



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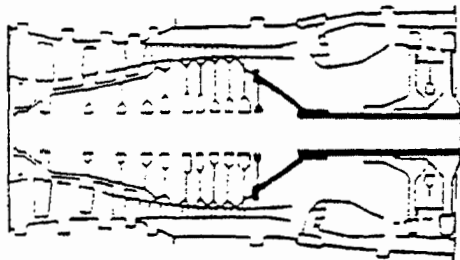
R M. Other Publications Affected

- (1) Illustrated Parts Catalogue (IPC), Chapter/Section 72-41-13.
- R (2) A1 Engine Manual (EM), Chapter/Section 72-41-13, Cleaning
- R (3) A1 Engine Manual (EM), Chapter/Section 72-41-13, Inspection/Check-01

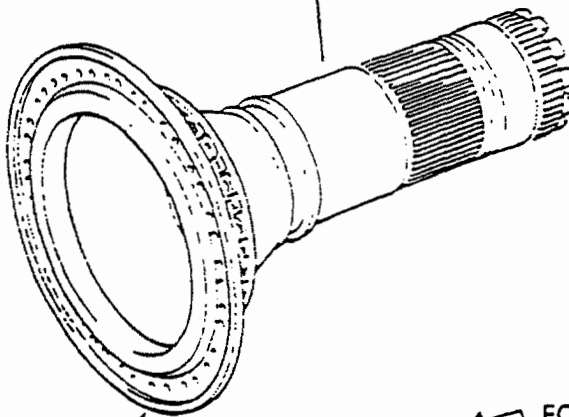


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MODULE 40

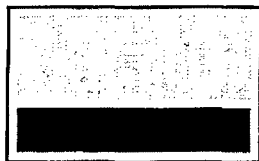


← FORWARD

REMOVE 6A3974 OR 6A3997 SHAFT ASSY
AND INSTALL 6A4150 SHAFT ASSY

B3005

Location of the rear shaft assembly of the HP Compressor
Figure 1



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2. Accomplishment Instructions

A. Rework Instructions

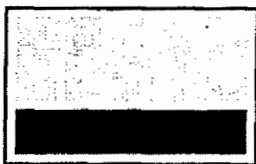
None

B. Assembly Instructions

- R (1) For the correct removal/installation instructions refer to the A1 Engine Manual (EM),
R Chapter/Section 72-41-00, Disassembly/Assembly.

C. Recording Instructions

A record of accomplishment is necessary.



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3. Material Information

R Applicability: For each V2500 engine for which this Service Bulletin is necessary.

A. Kits necessary for this Service Bulletin:

None.

B. Parts affected by this Service Bulletin:

NEW PART No. (ATA No.)	QTY	EST UNIT PRICE (\$)	PART TITLE	OLD PART No. (IPC No.)	INSTR DISP
6A4150 (72-41-13)	1		Shaft assembly, rear HP Compressor	6A3974 (01-850)	(S1) (A) (B)
				or	
				6A3997 (01-850)	

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

C. Instruction Disposition Codes:

(A) New part is available.

(B) Old part is not available.

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