



ENGINE - LP COMPRESSOR - PROVIDE A FAN FRAME ASSEMBLY WITH REVISED ATTACHMENT FEATURES  
- CATEGORY CODE 7 - MOD.ENG-72-0077

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1

B. Reason

(1) Condition

This Service Bulletin is to give information for the Fan Frame Assembly with revised attachment features between the LPC Stage 2.5 Assembly and the Fan Frame Assembly.

(2) Background

Not applicable.

(3) Objective

To provide the Fan Frame Assembly with revised attachment features.

(4) Substantiation

Analysis of the changes introduced by this Service Bulletin has concluded that they are satisfactory.

(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 Bulletin are as follows:

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(a) The attachment features between the LPC Stage 2.5 Assembly and the Fan Frame Assembly have been changed from the plate nut/bolt to the helical coil screw insert/bolt (Refer to Figure 1).

(b) The existing AS21517 which is the alternative Part Number of the LPC Stage 2.5 Assembly attaching bolts has been deleted.

D. Approval

The Part Number transaction shown under the MATERIAL INFORMATION portion of this Bulletin has been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category Code 7

This Service Bulletin is introduced for record purposes only.

F. Manpower

Not applicable

G. Material - Price and Availability

See 'Material Information' section for prices and availability of future spares.

H. Tooling - Price and Availability

Not applicable

I. Weight and Balance

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

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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## SERVICE BULLETIN

EC88VJ422

EC88VJ422A

EC88VJ422B

EC88VJ422D

(2) Other references

IAE V2500 Service Bulletin Number

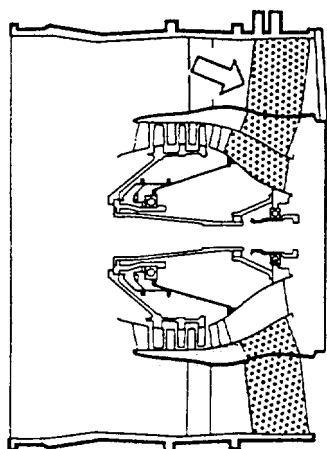
Service Bulletin V2500-ENG-70-0002, (General Information - Provide and Intermediate Structure That Eliminates Flight Test Instrumentation Provisions).

The V2500 engine Illustrated Parts Catalog, Chapter/Section 72-32-00 and 72-32-03.

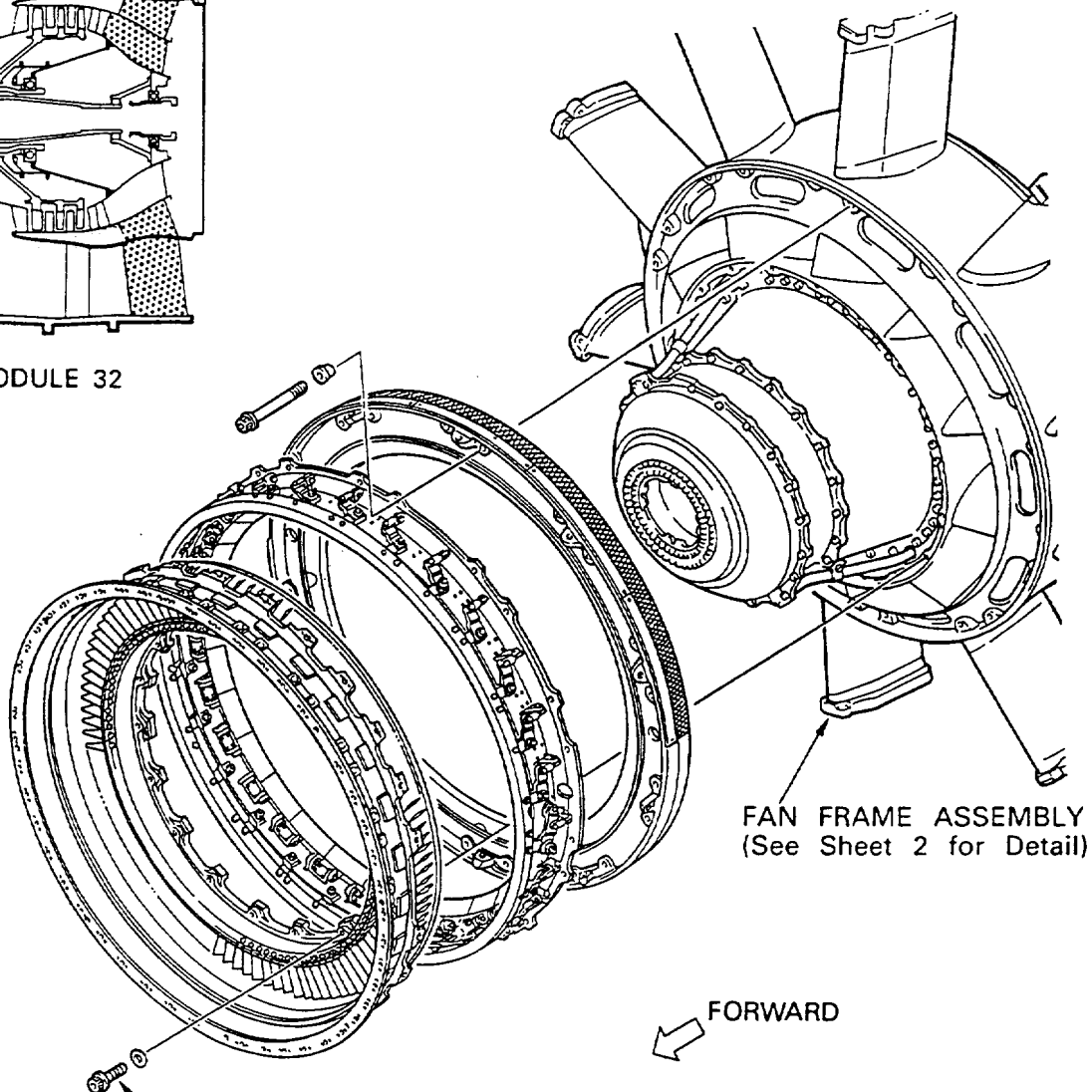
L. Other Publications Affected

- (1) The V2500 Engine Illustrated Parts Catalog, Chapter/Section 72-32-00 and 72-32-03.
- (2) The V2500 Engine Manual, 72-32-00, Assembly and 72-32-03, Cleaning, Inspection/Check and Repair.

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MODULE 32



FAN FRAME ASSEMBLY  
(See Sheet 2 for Detail)

FORWARD

4W0171 BOLT  
OR  
AS21517 BOLT (Before Alteration)  
4W0169 BOLT (After Alteration)

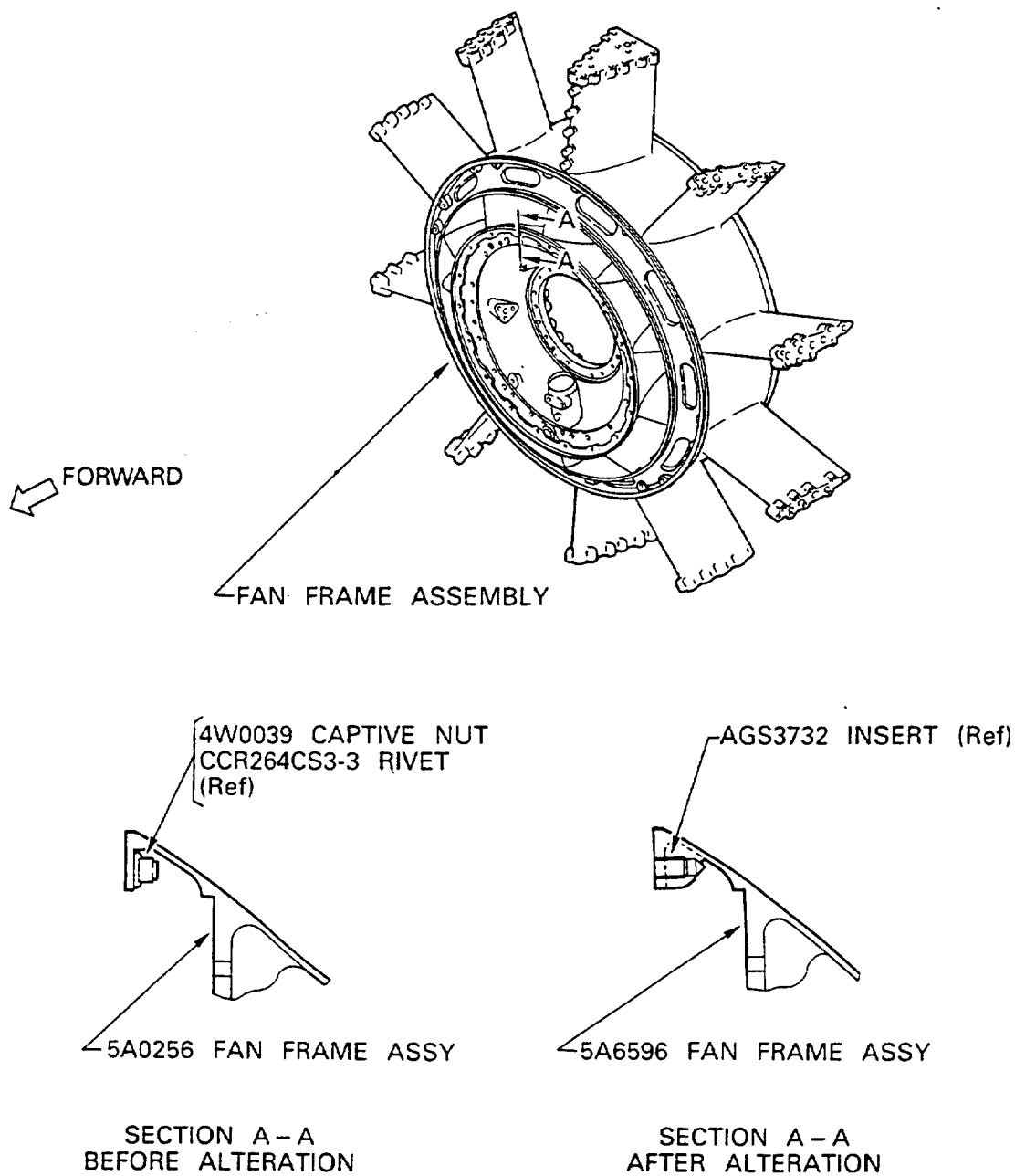
Fan Frame Assembly - Before and After Alteration  
Fig.1, Sheet 1 of 2

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Fan Frame Assembly - Before and After alteration  
Fig.1, Sheet 2 of 2

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International Aero Engines

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### 2. Accomplishment Instructions

Not applicable.

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## 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
4W0169	18	3.53	.Bolt	4W0171	(A)(B)(S1)
-	Ref	-	.Bolt	or AS21517	(B)
(72-32-00)				(01-675)	
5A6596	1	-	.Frame, Assy Fan	5A0256	(C)(D)(S1)
(72-32-03)				(03-100)	
-	18	-	...Nut, Plate	4W0039	(B)
(72-32-03)				(03-110)	
-	36	-	...Rivet, C/Sunk	CCR264CS3	(B)
(72-32-03)				-3	
				(03-114)	
AGS3732	18	1.75	...Insert	-	(A)
(72-32-03)				(03-115)	

C. Instructions/Disposition Code Statements:

- (A) New Parts are currently available for sale.
- (B) Old Part will continue to be supplied on other applications.
- (C) New part is a non-provisioning item and is available on quote basis.
- (D) Old part will no longer be available for sale.
- (S1) New parts coded (S1) must replace Old parts coded (S1) as a COMPLETE SET per engine.

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.

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