



POWER PLANT - ELECTRICAL HARNESSSES - EEC HARNESS - FAN - INTRODUCTION OF REVISED NO. 4
BEARING PRESSURE TRANSDUCER SUPPORT BRACKET - CATEGORY CODE 7 - MOD.ENG-71-0222

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A319.
(b) Airbus A320.
(c) Airbus A321.
- (2) Engine: (a) V2522-A5 Engines prior to Serial No. V10486.
(b) V2524-A5 Engines prior to Serial No. V10486.
(c) V2527-A5 Engines prior to Serial No. V10486.
(d) V2527E-A5 Engines prior to Serial No. V10486.
(e) V2530-5 Engines prior to Serial No. V10486.
(f) V2533-A5 Engines prior to Serial No. V10486.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

A design review has shown that the manufacture of the transducer support bracket, mounted on fan case flange FA1 can be improved.

(2) Evidence

(Refer to (1) Problem).

(3) Objective

The purpose of this Service Bulletin is to simplify manufacture.

(4) Substantiation

A satisfactory engineering analysis has been done on the changes introduced by this Service Bulletin.

(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Maintenance

V2500-ENG-71-0222



Not affected.

(c) Overhaul

Not affected.

(d) Repair Schemes

Not affected.

(e) Interchangeability

Affected (Refer to Section 2. C.).

(f) Fits and Clearances

Not affected.

D. Description

(1) The transducer support bracket has been revised, with the changes that follow:

(a) The material has changed from Titanium (TCA) to Stainless Steel (EBM).

(b) The bracket is produced as a one-piece item and not a two-piece assembly.

(c) The position of the wire locking hole for the transducer solenoid valve has changed.

(d) Various minor changes have been made to simplify manufacture.

(2) The type of nut that attaches the transducer to the bracket has been changed from a clip-nut to a standard bi-hexagonal self-locking nut. As a result, the length of the attaching bolts has decreased.

E. Compliance

Category Code 7

Accomplish when there are no superseded parts remaining.

F. Approval

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

V2500-ENG-71-0222



G. Manpower

Estimate of manhours necessary to embody this Service Bulletin in full:

- | | |
|-----------------|--|
| (1) In Service | Not applicable. |
| (2) At Overhaul | No additional time is necessary to embody this Service Bulletin. |

NOTE: It is possible to get access to the parts affected by this Service Bulletin at overhaul.

H. Material - Price and Availability

- (1) A modification kit is not necessary.
- (2) Refer to 3. Material Information for prices and availability of future spares.

I. Tooling - Price and Availability

Special tools are not necessary.

J. Weight and Balance

- (1) Weight Change

None.

- (2) Moment Arm

Not affected.

- (3) Datum

Engine Front Mount Centreline (Power Plant Station (PPS) 100)

K. Electrical Load Data

Not applicable to Modification Bulletin.

L. References

- (1) Internal Reference No.

EC98VR014

- (2) Other References



A5 Engine Manual (EM), Chapter/Section 72-00-32, Removal-01 and Installation-01 CONFIG-2.

A319/A320/A321 Aircraft Maintenance Manual (AMM), Chapter Section 72-51-42, Removal Installation CONFIG 2.

M. Other Publications Affected

- (1) Illustrated Parts Catalogue (IPC), Chapter/Sections 71-51-41 and 79-33-16.
- (2) A5 Engine Manual (EM), Chapter/Section 72-00-32, Removal-01 and Installation-01 CONFIG-2.
- (3) A319/A320/A321 Aircraft Maintenance Manual (AMM), Chapter Section 72-51-42, Removal Installation CONFIG 2.



SERVICE BULLETIN

2. Material Information

A. Kits necessary for this Service Bulletin:

None.

B. Parts affected by this Service Bulletin:

NEW PART No. (ATA No.)	QTY	EST'D UNIT PRICE (\$)	PART TITLE	OLD PART No. (IPC No.)	INSTR DISP
6A7431 (71-51-41)	1	322.00	.Bracket - support, transducer	6A5447 (05.760)	(A)(S1)
4W0164 (79-33-16)	2	5.55	.Bolt, machine double hex (.250 dia x .625)	4W0165 (01.110)	(A)(S1)(1D)
4W0002 (79-33-16)	2	9.32	.Nut, self locking double hex (.250 dia)	4W0044 (01.115)	(A)(S1)(1D)

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

C. Instruction Disposition Codes:

- (1) (A) New parts are available.
- (2) (S1) Old and new parts are not interchangeable.
- (3) (1D) Old parts can be used on other applications.

V2500-ENG-71-0222



3. Accomplish Instructions

A. Rework Instructions

(1) For the correct removal/installation procedures, refer to the manuals that follow:

(a) A5 Engine Manual (EM), Chapter/Section 72-00 32, Removal-01 and Installation-01 CONFIG-2.

or

(b) A319/A320/A321 Aircraft Maintenance Manual (AMM), Chapter Section 72-51-42, Removal Installation CONFIG-2.

C. Recording Instructions

A record of accomplishment is required.

V2500-ENG-71-0222