

International Aero Engines
SERVICE BULLETIN

Sep. 4/98

Subject: Transmittal of Revision 1 to Service Bulletin V2500-ENG-72-0258.

Service Bulletin Revision History:

Event	Date
Basic Issue	Nov. 7/97.
Revision 1	Sep. 4/98.

Reason for Revision:

- (1) Change effectivity at 1. A. (2).
- (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 7	Revision 1	Sep. 4/98.

V2500-ENG-72-0258

Transmittal
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ENGINE - HP COMPRESSOR SPLIT CASES - INTRODUCTION OF ACC ACTUATOR SUPPORT
BRACKET WITH INCREASED MATERIAL THICKNESS

MODEL APPLICATION

V2500-A1
V2522-A5
V2524-A5
V2527-A5
V2530-A5

BULLETIN INDEX LOCATOR

72-41-00

Compliance Category Code

7

Internal Reference No.

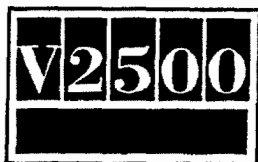
EC96VR009

Feb. 21/97

R Revision 1 Sep. 4/98

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ENGINE - HP COMPRESSOR SPLIT CASES - INTRODUCTION OF ACC ACTUATOR SUPPORT BRACKET WITH INCREASED MATERIAL THICKNESS

R 1. Planning Information

A. Effectivity

(1) Aircraft

- (a) Airbus A319
- (b) Airbus A320
- (c) Airbus A321

(2) Engines

- R (a) V2500-A1 Engines prior to Serial No. V0362
- (b) V2522-A5 Engines prior to Serial No. V10273
- (c) V2524-A5 Engines prior to Serial No. V10273
- (d) V2527-A5 Engines prior to Serial No. V10273
- (f) V2530-A5 Engines prior to Serial No. V10273

B. Concurrent Requirements

None.

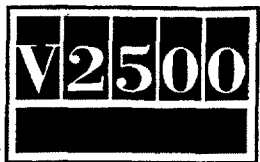
C. Reason

(1) Condition

- R Cracks on the support bracket of the active clearance control (ACC) actuator can occur.
- R The problem is caused by the material of the bracket. The rigidity of the material is not
- R sufficient.

(2) Background

- R The problem has been found on one in seven installations.



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R (3) Substantiation

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

R (4) Objective

R The purpose of this Service Bulletin is to improve unit reliability.

R (5) Effect of Bulletin on:

R (a) Operation

R Not affected.

R (b) Maintenance

R Not affected.

R (c) Overhaul

R Not affected.

R (d) Repair Scheme

R Not affected.

R (e) Interchangeability

R Not affected.

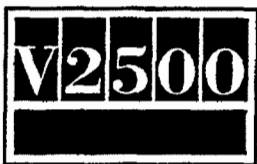
R (f) Fits and Clearances

R Not affected.

D. Description

R (1) The changes to the support bracket are as follows:

R (a) To increase the rigidity of the bracket, the thickness of the sheet material has increased
R from 1,6mm (0.063in.) to 2,0mm (0.079in.).



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R E. Compliance

Category Code 7.

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

R F. Approval

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

G. Manpower

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

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

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

H. Material Price and Availability

R (1) A modification kit is not necessary.

R (2) Refer to the Material Information section for prices and availability of future spares.

I. Tooling Price and Availability

R Special tools are not necessary.

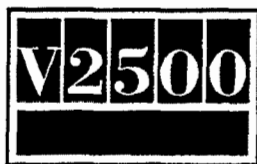
J. Weight and Balance

(1) Weight Change

R Not affected

(2) Moment Arm

R Not affected



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(3) Datum

R (c) Engine front mount centreline (Power Plant Station (PPS) 100).

K. Electrical Load Data

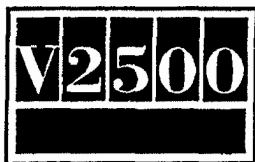
This Service Bulletin has no effect on the aircraft electrical load.

L. References

R (1) V2500 Engine Manual (EM), Chapter/Section 72-41-30

M. Other Publications Affected

R (1) Illustrated Parts Catalog (IPC), Chapter/Section 72-41-31.



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2. Accomplishment Instructions

A. Rework Instructions

None

B. Assembly Instructions

- R (1) Install the revised support bracket of the ACC actuator. For the correct removal/installation
R procedures, refer to the V2500 Engine Manual (EM), Chapter/Section 72-41-30,
R Removal/Installation

C. Recording Instructions

- (1) A record of accomplishment is necessary.



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3. Material Information

R Applicability: For each V2500 to incorporate this Service Bulletin.

R A. Kits necessary for this Service Bulletin:

None.

R 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
6A4571 (72-41-31)	1	197-00	Bracket - support, ACC Actuator	6A3080 (01-118)	(A) (B) (S1)

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

C. Instruction/Disposition Codes

R (A) New part is available.
R (B) Old part will be discontinued.
(S1) Old and new parts are freely and fully interchangeable.