



POWER PLANT - OIL, HYDRAULIC AND WATER DRAIN TUBES - ENGINE - NO.4 BEARING WEEP LINE
RE-ROUTED - CATEGORY CODE 7 - MOD.ENG-71-0178

Printed in Great Britain

1. Planning Information

A. Effectivity

- (1) Aircraft:
 - (a) Airbus A319
 - (b) Airbus A320
 - (c) Airbus A321
- (2) Engine:
 - (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
 - (e) V2530-A5 Engines prior to Serial No.V10273
 - (f) V2533-A5 Engines prior to Serial No.V10273

B. Concurrent Requirements

None.

C. Reason

(1) Condition

Insufficient clearance can exist between the No.4 bearing oil weep tube assembly and a thrust reverser C-Duct heatshield. This can in extreme cases, result in chaffing of the tube assembly and cracking of the heatshield outer foil.

(2) Background

The condition has been observed on a service engine.

(3) Objective

The purpose of this Service Bulletin is to maintain reliability.

(4) Substantiation

V2500-ENG-71-0178

**SERVICE BULLETIN**

An extensive engineering assessment and trial installation on both mock-up and production engines has been done on the changes contained in this Service Bulletin.

(5) Effect of this Bulletin on Workshop Procedures:

Removal/Installation	Affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information

None.

D. Description

This Service Bulletin introduces a revised No.4 bearing oil-weep tube assembly. The tube has been re-routed to give sufficient clearance with the C-duct heatshield so that it now runs closer to the TEC. As the tube does not have to be removed to get access to the EGT harness terminals, the re-routing also improves maintainability.

E. Approval

The part number changes and/or part modifications 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.

F. Compliance

Category code 7

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

G. Manpower

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

Venue	Estimated Man-hours
(1) In Service	Not applicable
(2) At Overhaul	Not affected

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

V2500-ENG-71-0178



SERVICE BULLETIN

H. Material - Price and Availability

- (1) A modification kit is not necessary.
- (2) See "Material Information" section for prices and availability for future spares.

I. Tooling - Price and Availability

Special tools are not necessary.

J. Weight and Balance

- | | | | | |
|-------------------|----|----|----|--|
| (1) Weight change | .. | .. | .. | None |
| (2) Moment arm | .. | .. | .. | No effect |
| (3) Datum | .. | .. | .. | 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

- (1) Internal Reference No.

EC96VR014

EC96VR014A

- (2) Other References

V2500 Engine Manual, Chapter/Section 72-00-50.

M. Other Publications Affected

- (1) V2500 Illustrated parts catalog, Chapter/Section 71-73-49.

V2500-ENG-71-0178



2. Accomplishment Instructions

A. Rework Instructions

None.

B. Assembly Instructions

- (1) Install the revised No.4 bearing oil-weep tube, in accordance with the approved procedures, refer V2500 Engine Manual, Chapter/Section 72-00-50.

C. Recording Instructions

- (1) A record of accomplishment is necessary.



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
6A6169 (71-73-49)	1	840-00	Tube A/O - No.4 bearing weep line	6A5023 (01-500)	(A)(B)(S1)

NOTE: The unit prices, if shown, are an estimate and they are given for the purpose of planning only. For information about actual prices, refer to the IAE Price Catalog or contact IAE's Spare Parts Sales Department.

C. Instructions/Disposition Code Statements:

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

