

**International Aero Engines****RR-DERBY**

400 MAIN STREET, MAIL STOP 121-10
 EAST HARTFORD, CT 06108, USA.
 TELEPHONE: 860 565 5515
 FAX: 860 565 0600

P.O. BOX 31, DERBY
 TELEGRAMS - 'ROYCAR' DERBY
 TELEX - 37645
 TELEPHONE - DERBY 242424

DATE ~~R~~ Apr.14/03**V2500-A5/D5 SERIES PROPULSION SYSTEM NON-MODIFICATION SERVICE BULLETIN**

Printed in Great Britain

This document transmits Revision 1 to Service Bulletin EV2500-72-0436

Document History

Service Bulletin Revision Status
 Initial Issue Oct.2/02

Supplement Revision Status

Bulletin Revision 1

Remove
 All pages of the
 Service Bulletin

Incorporate
 Page 1 and 2 of the
 Service Bulletin

Reason for change
 To update References.

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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED
 If any have not been received please advise Publication Services, Rolls-Royce plc, Derby, England
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LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 1 are as follows:

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R	2	1	Apr.14/03

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ENGINE - HP COMPRESSOR, STAGE 6 ROTOR PATH. CHANGE THE COMPLIANCE CATEGORY FOR PART 2 OF IAE SERVICE BULLETIN ENG-72-0369 FROM CATEGORY 6 TO CATEGORY 4 - NON-MODIFICATION SERVICE BULLETIN

1. Planning Information

A. Effectivity

- (1) Airbus A319, A320, A321

V2500-A5 All Engines prior to Serial No.V10800 not incorporating Service Bulletin 72-0369.

- (2) Boeing Longbeach Division MD-90

V2500-D5 All Engines not incorporating Service Bulletin 72-0369.

B. Concurrent Requirements

None.

C. Reason

The purpose of this Non-Modification Service Bulletin is to raise the Compliance Category for Part 2 of IAE Service Bulletin ENG-72-0369 from Category 6 to Category 4.

In April 2000 IAE Service Bulletin ENG-72-0369 introduced a new rotor path liner material (Metco 320) for HPC rotor paths stage 6, 7 and 8. This material is superior to the Metco 313 because, due to its composition, it does not react with moisture, while retaining the same wear/rub characteristics.

IAE Service Bulletin ENG-72-0369 contains two parts, which allow modification as follows:

Part 1

Full embodiment of HP Compressor stage 6 rotor path segments, stage 7 cone and rotor path assembly and stage 8 rotor path and case assembly.

Part 2

Embodiment of HP Compressor stage 6 rotor path segments only.

IAE event analysis has identified stage 6 rotor path disbond as the most significant.

In order to maximise the benefit of Metco 320 across the fleet and improve reliability, Part 2 is being raised from Category 6 to Category 4 in this Non-Modification Service Bulletin.



This is consistent with the availability of the HPC surgical strike procedure, which facilitates stage 6 rotor path rework.

Disbond of the stage 7 and 8 rotor paths have not lead to reduced operability and therefore remain at Compliance Category 6.

D. Compliance

Category Code 4 – Service Bulletin ENG-72-0369 Part 2 – Stage 6 rotor path only.

Accomplish at the first visit of an engine to a service base capable of compliance with the accomplishment instructions regardless of the planned maintenance action.

Category Code 6 – Service Bulletin ENG-72-0369 Part 1 – Stages 6, 7 and 8 rotor paths.

Accomplish when the sub-assembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

E. Approval

See 1.G. References.

F. Manpower

Not applicable

See 1.G. References.

G. References

(1) Service Bulletin V2500-ENG-0369, issued April 2000.

R (2) Engineering Change No. – 02VR840.

R (3) ATA Locator – 72-00-00.

2. Material Information

None.

3. Accomplishment Instructions

None.