

**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

DATE: Jun.19/00

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

Printed in Great Britain

V2500-A1 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

This document transmits the Initial Issue of Service Bulletin EV2500-79-0079

Bulletin Initial Issue

Remove

Incorporate
 Pages 1 to 5 of the
 Service Bulletin

Reason for change
 Initial issue

V2500-ENG-79-0079

Transmittal - Page 1 of 2

CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED

If any have not been received please advise Publication Services, Rolls-Royce plc, Derby, England

© Rolls-Royce plc (date as above) Printed in Great Britain

LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin are as follows:

<u>Page</u>	<u>Revision Number</u>	<u>Revision Date</u>
-------------	------------------------	----------------------

Bulletin		
----------	--	--

1		Jun.19/00
2		Jun.19/00
3		Jun.19/00
4		Jun.19/00
5		Jun.19/00

Printed in Great Britain



MODIFICATION SERVICE BULLETIN – ENGINE – OIL – TO ANNOUNCE THE AVAILABILITY OF A
COATED FUEL COOLED OIL COOLER THREADED INSERT.

1. Planning Information

A. Effectively

(1) Airbus A320

(a) V2500-A1 Engines – Fuel Cooled Oil Coolers (FCOC's) with serial numbers 1000 to 2000.

(2) ATA Location

79-21-00

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Fuel leaks have occurred in service at the last fuel filter cap of the Fuel Cooled Oil Cooler (FCOC).

The events were similar in that damage to the FCOC was caused by helicoil inserts being pulled out.

(2) Evidence

There have been two occurrences of this problem on V2500-A1 engines in service.

(3) Objective

The purpose of this Service Bulletin revision is to provide notification that the Compliance Category Code has been raised to category 4. See 1. D. (3).

(4) Substantiation

Vendor analysis shows that the use of coated threaded inserts has substantial advantages over non-coated threaded inserts.



(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

D. Description

- (1) This Service Bulletin announces the availability of coated inserts.
- (2) The new MS21209F5-25L inserts are incorporated in lieu of the old MS21209F5-25 inserts to improve the anti-seize properties.
- (3) This Service Bulletin replaces IAE Service Bulletin 70-0122 which is now cancelled.

E. Compliance

Category code 4

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

F. Approval

The part number changes and/or part modification described in Section 2 and 3 of this Modification Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA- APPROVED for the Engine Models listed.

G. Manpower

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

- (1) In Service
 - (a) Not applicable
- (2) At Overhaul

An additional 4.5 man-hours are required to perform this Bulletin during component maintenance.



H. Weight and Balance

Weight change	None
Moment arm	No effect
Datum	Engine front mount centreline (Powerplant station PS100)

I. Electrical Load Data

This Service Bulletin does not affect the aircraft electrical load.

J. References

- (1) IAE Engineering change number 90VJ046-03
- (2) Sumitomo Precision Products Service Bulletin 79-2501.

K. Other Publications Affected

- (1) Sumitomo Precision Products Component Maintenance Manual 79-21-43
- (2) Engine Manual (A1 Series) 72-00-32, Removal/Installation
- (3) A320 Aircraft Maintenance Manual (AMM) 79-21-43, Removal/Installation.



2. Material Information

A. Material – Price and Availability

(1) Refer to Sumitomo Precision Products Service Bulletin 79-2501.

B. Tooling – Price and Availability

(1) Refer to Sumitomo Precision Products Service Bulletin 79-2501.



3. Accomplishment Instructions

A. Rework instructions

- (1) Refer to Sumitomo Precision Products Service Bulletin 79-2501.

B. Assembly Instructions

- (1) For the correct removal and installation procedures refer to:
 - (a) Engine Manual (A1 Series) 72-00-32, Removal/Installation
 - (b) A320 Aircraft Maintenance Manual (AMM) 79-21-43, Removal/Installation.

C. Recording Instructions

- (1) An endorsement of the identification plate is necessary. Refer to Sumitomo Precision Products Service Bulletin 79-2501.
- (2) A record of accomplishment is necessary.

