



ENGINE - FUEL AND CONTROL - FUEL METERING UNIT - METERING VALVE TORQUEMOTOR INTEGRITY  
CHECK - CATEGORY CODE 4 - MOD.ENG-73-0056

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320  
(b) Airbus A321  
(c) McDonnell Douglas MD-90

- (2) Engine: (a) V2500-A5  
(b) V2500-D5

(3) Units

Fuel Metering Units which are pre-Mod CP6903 and pre-Mop CP6920. (Mod CP6903 and Mod CP6920 are not yet issued).

B. Concurrent Requirements

None

C. Reason

(1) Condition

An internal stop in an FMU metering valve torque motor was found to have moved out of location sufficiently to interfere with torque motor operation.

(2) Background

This condition was identified as the cause of FMU malfunction in service.

(3) Objective

The purpose of this Service Bulletin is to check the integrity of metering valve torque motors.

D. Compliance

Category Code 4

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

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**E. Approval**

The compliance statement and the requirement for performing the action specified under G. "Action" of this Service Bulletin, have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.

**F. References**

- (1) Internal Reference No.

EC94VR721

- (2) Other References

Airbus A320 Aircraft Maintenance Manual.

Airbus A320/A321 Aircraft Maintenance Manual.

McDonnell Douglas MD-90 Aircraft Maintenance Manual.

Lucas Service Bulletin FMU 530-73-101.

**G. Action**

- (1) Gain access to each engine FMU as instructed for A320/A321, AMM 71-13-00, or for MD90, AMM 71-13-00, page 201.
- (2) Disconnect electrical receptacles at the FMU.
- (3) Check the FMU as instructed in Lucas Service Bulletin FMU 530-73-101.
- (4) Reconnect electrical receptacles at the FMU.
- (5) Close up powerplant as instructed for A320/A321, AMM 71-13-00, or for MD90, AMM 71-13-00, Page 203.
- (6) Test the powerplant, Perform the EEC system idle test. Refer to A320/A321, AMM 71-00-00, or to MD90, AMM 71-00-00.

**H. A record of accomplishment is required**

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