

IAE Propulsion System NON-MODIFICATION SERVICE BULLETIN

Date: December 18, 1998

Subject: Transmittal of Revision 1 to Service Bulletin Number V2500-ENG-71-0230

Service Bulletin Revision History:

<u>Event</u>	<u>Date</u>
Basic Issue	Jun. 09/98
Revision 1	Dec. 18/98

Reasons for issuance of Revision:

(1) To revise the Effectivity and Compliance statements on page 2.

Effect on Past Compliance:

(1) None

List of Effective Pages:

<u>Page No.</u>	<u>Rev No.</u>	<u>Date</u>
1 and 2	1	Dec. 18/98
3 and 4	Basic	Jun. 09/98

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Transmittal

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**IAE Propulsion System
NON-MODIFICATION
SERVICE BULLETIN**

NACELLE - PYLON - UPPER FITTING, OPENING ACTUATOR, THRUST REVERSER
(NON-MODIFICATION).

MODEL APPLICATION

V2500-D5

BULLETIN INDEX LOCATOR

71-00-00

Compliance Category Code

3

Internal Reference No.

98VN509

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NACELLE - PYLON - UPPER FITTING, OPENING ACTUATOR, THRUST REVERSER (NON-MODIFICATION).

1 Planning Information

A. Effectivity

(1) Aircraft: MD-90

R (a) MD90 aircraft fuselage numbers prior to 2259.

B. Reason

An MD-90 operator has reported two incidents in which the lower thrust reverser opening actuator upper fitting on the pylon has become wider (spread) in service. This allows the opening actuator pins to become disengaged from the actuator gimbal. Disengagement of the pivot pins could allow the lower thrust reverser half to swing unrestrained toward the fuselage when you open the lower thrust reverser half.

C. Compliance

Category 3

R Accomplish at every "A" check until incorporation of Service Bulletin V2500-NAC-71-0231.

D. Approval

The compliance statement and the procedures described in this service bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved for the engine model listed.

E. References

Chapter/Section

MD-90 Aircraft Maintenance Manual
IAE SIL 112, Revision 3

78-32-00



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F. Action

WARNING: USE EXTREME CAUTION WHEN YOU INSPECT THE OPENING ACTUATOR UPPER FITTING. DO NOT STAND BETWEEN THE LOWER THRUST REVERSER HALF AND THE FUSELAGE WHEN YOU OPEN THE LOWER THRUST REVERSER HALF. MAKE SURE YOU ENGAGE THE THRUST REVERSER HOLD OPEN RODS BEFORE YOU INSPECT THE ACTUATOR UPPER FITTING.

- (1) Open the lower thrust reverser half. Refer to the MD-90 Aircraft Maintenance Manual, Chapter 78-32-00, page block 201. Make sure you engage the thrust reverser hold open rods.
- (2) Examine the lower thrust reverser opening actuator upper fitting.
 - (a) If the inside fitting dimensions are larger than in Figure 1, you must replace the fitting. Report the results of the inspection to your local IAE or BFGoodrich representative. They will help you get a replacement fitting.
 - (b) If the inside fitting dimensions are within the range shown in Figure 1.

WARNING: IF THE FITTING HAS SPREAD AND YOU HAVE NOT YET REPLACED THE FITTING, USE EXTREME CAUTION WHEN YOU CLOSE THE LOWER THRUST REVERSER HALF. DO NOT STAND BETWEEN THE LOWER THRUST REVERSER HALF AND THE FUSELAGE WHEN YOU CLOSE THE LOWER THRUST REVERSER HALF.

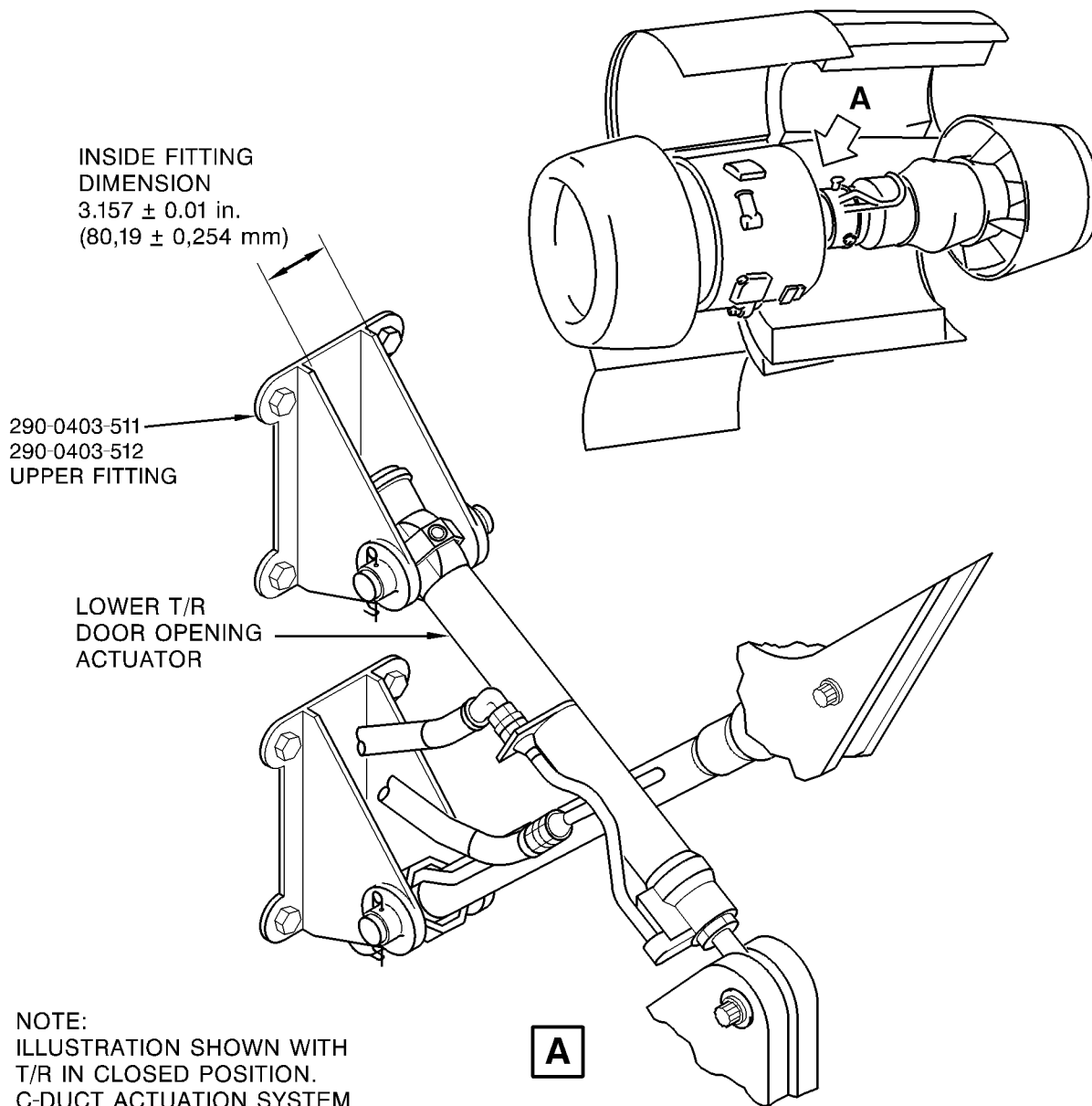
- (3) Close the lower thrust reverser half. Refer to the MD-90 Aircraft Maintenance Manual, Chapter 78-32-00, page block 201.

G. Record of Accomplishment

A record of accomplishment is necessary.



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VSB649

Lower Thrust Reverser Half Opening Actuator Pylon Upper Fitting Inspection
Figure 1

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