



Number: V2500-NAC-78-0198

Summary

Date: May 14, 2001

ATA System: 78-30

SUBJECT: NON-MODIFICATION SERVICE BULLETIN" - "NACELLE - EXHAUST - THRUST
REVERSER - BLOCKER DOOR LINKS - INSPECTION OF

BACKGROUND

GENERAL:

Thrust reversers have been found with damaged blocker door links.

This service bulletin provides instructions to inspect the blocker door links and take corrective action as required.

ACTION:

Inspect the blocker door links and take corrective action as necessary.

COMPLIANCE:

Category 4

Accomplish at the first visit of the nacelle or nacelle component to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action for the nacelle or nacelle component.

EFFECTIVITY:

All V2500-D5 thrust reversers (in-service and spares) with serial numbers prior to 0701001.

MANPOWER:

Manpower necessary to incorporate Service Bulletin is 3 hours for each installed thrust reverser (upper and lower half), 2 hours for each complete uninstalled thrust reverser (upper and lower half), and 1 hour for each spare uninstalled thrust reverser half (upper or lower half).

MATERIAL INFORMATION:

No parts are required to do this service bulletin.



"NON-MODIFICATION SERVICE BULLETIN" - "NACELLE - EXHAUST - THRUST REVERSER -
BLOCKER DOOR LINKS - INSPECTION OF"

1. PLANNING INFORMATION

A. Effectivity

(1) Airplane: MD-90

(2) Nacelle: All V2500-D5 thrust reversers (in-service and spares)
with serial numbers prior to 0701001.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

(a) Thrust reversers have been found with damaged blocker door
links.

(2) Cause

(a) Bearings out of position at the fixed structure end of the
links.

(3) Background

(a) Operators have found thrust reversers with damaged blocker
door links.

(4) Objective

(a) The changes in configuration recommended in this Service
Bulletin are intended to maintain reliability of the thrust
reverser by inspecting the blocker door links and taking
corrective action as necessary.

(5) Substantiation

(a) Not applicable.

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D. Description

This service bulletin provides instructions to inspect the blocker door links and take corrective action as required

E. Compliance

Category 4

Accomplish at the first visit of the nacelle or nacelle component to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action for the nacelle or nacelle component.

F. Approval

Incorporation of this Service Bulletin must be accomplished in conjunction with Boeing Service Bulletin MD-90-78-052 which has received exclusive FAA approval for the MD-90 Series aircraft.

G. Manpower

Estimated man-hours to incorporate the full intent of this Service Bulletin.

VENUE

EST'D MAN HOURS

(1) In Service

(a) To gain access

30 minutes

(b) To embody

2.0 hours

(c) To close up

30 minutes

Total

3 hours per thrust reverser (upper and lower half)(6 hours per aircraft)

(2) In Shop

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VENUE

(a) To embody

Total

EST'D MAN HOURS

1 hour (per upper or lower thrust reverser half)

2 hours per thrust reverser (upper and lower half)

NOTE: Man hour estimate is provided for planning purposes only. No labor reimbursement is provided under the terms of this service bulletin offering.

H. Material Cost and Availability

No parts or materials are required to accomplish this service bulletin.

I. Tooling

None.

J. Weight and Balance

- | | | |
|----|---------------|---|
| 1) | Weight change | None |
| 2) | Moment Arm | No effect |
| 3) | Datum | Engine front mount centreline (Powerplant Station PS 100) |

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International Aero Engines

VIAE Propulsion System
Non-Modification

SERVICE BULLETIN

K. References

Publication	Chapter/Section
MD-90 Aircraft Maintenance Manual	
MD-90/V2500-D5 Thrust Reverser Assembly Component Maintenance Manual (CMM-TR-V2500-3IA)	78-32-01

L. Other Publications Affected

None.

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2. Material Information

A. Material - Price and Availability

None.

B. Material Requirements

None.

C. Kits necessary for this Service Bulletin:

None.

D. Parts affected by this Service Bulletin:

None.

E. Instructions/Disposition Codes:

None.

F. Tooling - Price and Availability:

None.

G. Materials Required to do this Service Bulletin:

None.

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3. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) Remove the blocker door link. Refer to the MD-90 Aircraft Maintenance Manual.

B. Inspect the blocker door link as instructed in the MD-90/V2500-D5 Thrust Reverser Assembly Component Maintenance Manual (CMM-TR-V2500-3IA), Chapter 78-32-21 and take any necessary corrective actions. Give particular attention to the bearing at the thrust reverser fixed structure end of the link.

C. Post-requisite Instructions.

- (1) Install the blocker door link. Refer to the MD-90 Aircraft Maintenance Manual.

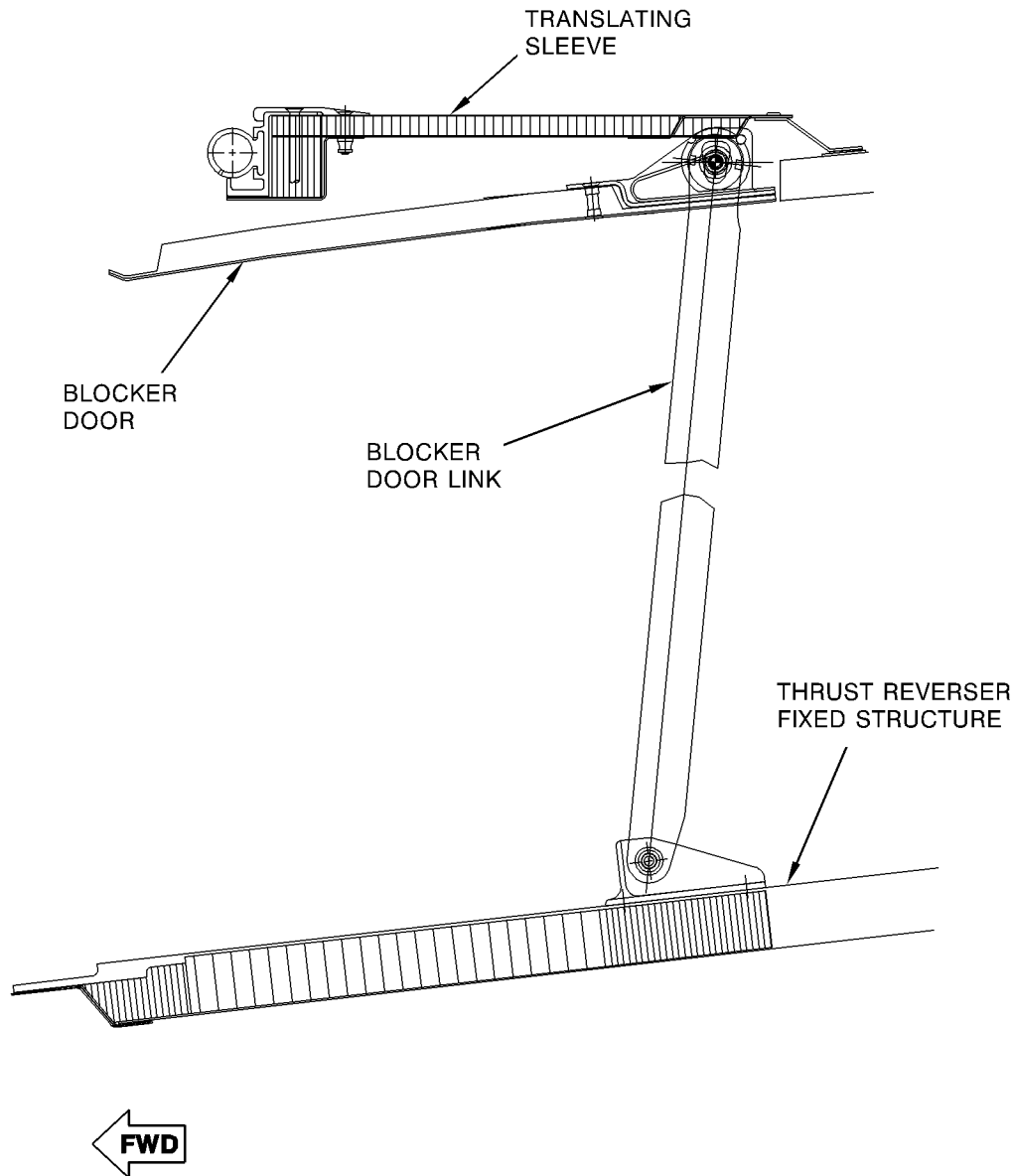
D. Recording Instructions

- (1) A record of accomplishment is required. Write in the applicable records and metal stamp, electroetch, or vibroetch on the thrust reverser data plate that Service Bulletin V2500-NAC-78-0198 has been done. Refer to the Standard Practices/Processes Manual (SPP-V2500-1IA), Chapter 70-09-00.

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Thrust Reverser Blocker Door Link Inspection
Figure 1

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