

THRUST REVERSER MODULE - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the thrust reverser module for general condition.
- B. Related Zones: 416/426.
- C. Zone Boundaries: STA XN = 3085.0 thru STA XN = 4543.81.
- D. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
05-20-75-200-801-A ♦	THRUST REVERSER MODULE - INTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-20-75-200-801-A

EFFECTIVITY: ALL

2. THRUST REVERSER MODULE - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives instructions to do SMRD Zonal Task 78-Z416-214-001-A00.
- (3) You must do the internal general visual inspection (GVI) of thrust reverser module, at zones 416/426, within a touching distance of the items examined.
- (4) The function of the internal visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (5) Apart from any specific targets defined in the Zonal Inspection task, a General Visual Inspection (GVI) must be conducted of the entire zone specified and includes all installations, components and structures. Refer to AMM Introduction for zonal inspection criteria.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM MPP 78-30-00/200	- MAINTENANCE PRACTICES
AMM TASK 78-31-01-940-801-A/200	THRUST REVERSER - OPENING PROCEDURE
AMM TASK 78-31-01-940-802-A/200	THRUST REVERSER - CLOSURE PROCEDURE
WM 20-21-00/1	-
WM 20-22-00	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
416	416AB	LH thrust reverser
416	416BB	LH thrust reverser
416	416CB	LH thrust reverser
416	416DB	LH thrust reverser
416	416EB	LH thrust reverser
416	416FB	LH thrust reverser
416	416GB	LH thrust reverser
416	416HT	LH thrust reverser
416	416IZ	LH thrust reverser
416	416JT	LH thrust reverser
416	416KT	LH thrust reverser
416	416LT	LH thrust reverser
416	416MT	LH thrust reverser

(Continued)

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
416	416NT	LH thrust reverser
416	416PR	LH thrust reverser
416	416QL	LH thrust reverser
416	416RR	LH thrust reverser
416	416SL	LH thrust reverser
416	416TR	LH thrust reverser
416	416UL	LH thrust reverser
416	416VZ	LH thrust reverser
416	416WZ	LH thrust reverser
416	416XZ	LH thrust reverser
416	416YZ	LH thrust reverser
416	416ZZ	LH thrust reverser
426	426AB	RH thrust reverser
426	426BB	RH thrust reverser
426	426CB	RH thrust reverser
426	426DB	RH thrust reverser
426	426EB	RH thrust reverser
426	426FB	RH thrust reverser
426	426GB	RH thrust reverser
426	426HT	RH thrust reverser
426	426IZ	RH thrust reverser
426	426JT	RH thrust reverser
426	426KT	RH thrust reverser
426	426LT	RH thrust reverser
426	426MT	RH thrust reverser
426	426NT	RH thrust reverser
426	426PR	RH thrust reverser
426	426QL	RH thrust reverser
426	426RR	RH thrust reverser
426	426SL	RH thrust reverser
426	426TR	RH thrust reverser
426	426UL	RH thrust reverser
426	426VZ	RH thrust reverser
426	426XZ	RH thrust reverser
426	426WZ	RH thrust reverser
426	426YZ	RH thrust reverser
426	426ZZ	RH thrust reverser

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection area	
Standard	Flashlight	To help in the inspection of the area	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Thrust reverser

I. Preparation

SUBTASK 841-002-A

- WARNING:** • BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 78-30-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.
- MAKE SURE THAT THERE ARE NO PERSONS AND/OR OBJECTS NEAR THE THRUST REVERSER AREA. REFER TO WM 20-21-00/1 FOR THE CORRECT SPIRAL WRAP INSTALLATION.

- (1) Control the thrust reverser to open ([AMM TASK 78-31-01-940-801-A/200](#)).
- (2) Put the ladder in position.
- (3) Remove the access panels 416IZ, 416ZZ, 416HT, 416KT, 416LT, 416MT, 416NT, 416JT, 416QL, 416SL, 416VZ, 416WZ, 416UL, 416CB, 416BB, 416EB, 416DB, 416GB, 416FB, 416AB, 416TR, 416RR, 416XZ, 416YZ, 416PR, 426IZ, 426ZZ, 426HT, 426KT, 426LT, 426MT, 426NT, 426JT, 426QL, 426SL, 426VZ, 426WZ, 426UL, 426CB, 426BB, 426EB, 426DB, 426GB, 426FB, 426AB, 426TR, 426RR, 426XZ, 426YZ and 426PR ([AMM MPP 06-43-00/100](#)) from the thrust reverser.

J. Internal General Visual Inspection ([Figure 601](#))

SUBTASK 212-002-A

- (1) Examine the thrust reverser internal zone for loose rivets, nicks, cracks, dents, erosion, corrosion, deformation, deteriorated protective treatment, and foreign objects.
- (2) Examine the door actuator mechanical linkage to the thrust reverser door for condition.
- (3) Examine the door actuator for leakage signs.

- (4) Examine the outer structure surface.

CAUTION: • DAMAGED THRUST REVERSER HARNESSSES CAN CAUSE N1 OSCILLATIONS, ABORT TAKE-OFF OR TLA ROLL-BACK TO IDLE. MAKE SURE ALL THE THRUST REVERSER HARNESSSES ARE IN GOOD CONDITIONS.

- MAKE SURE THAT ALL THRUST REVERSER HARNESSSES HAVE THE SPIRAL WRAP INSTALLED. THE SPIRAL WRAP SHALL BE INSTALLED TO PROTECT THE HARNESSSES FOR CHAFING.

- (5) Examine the thrust reverser electrical harnesses and the interface harnesses between the thrust reverser and the aircraft pylon for signs of chafing and looseness.

- (6) Examine the remaining EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

SUBTASK 842-002-A

- (1) Remove the ladder.

WARNING: MAKE SURE THAT THERE ARE NO PERSONS AND/OR OBJECTS NEAR THE THRUST REVERSER AREA.

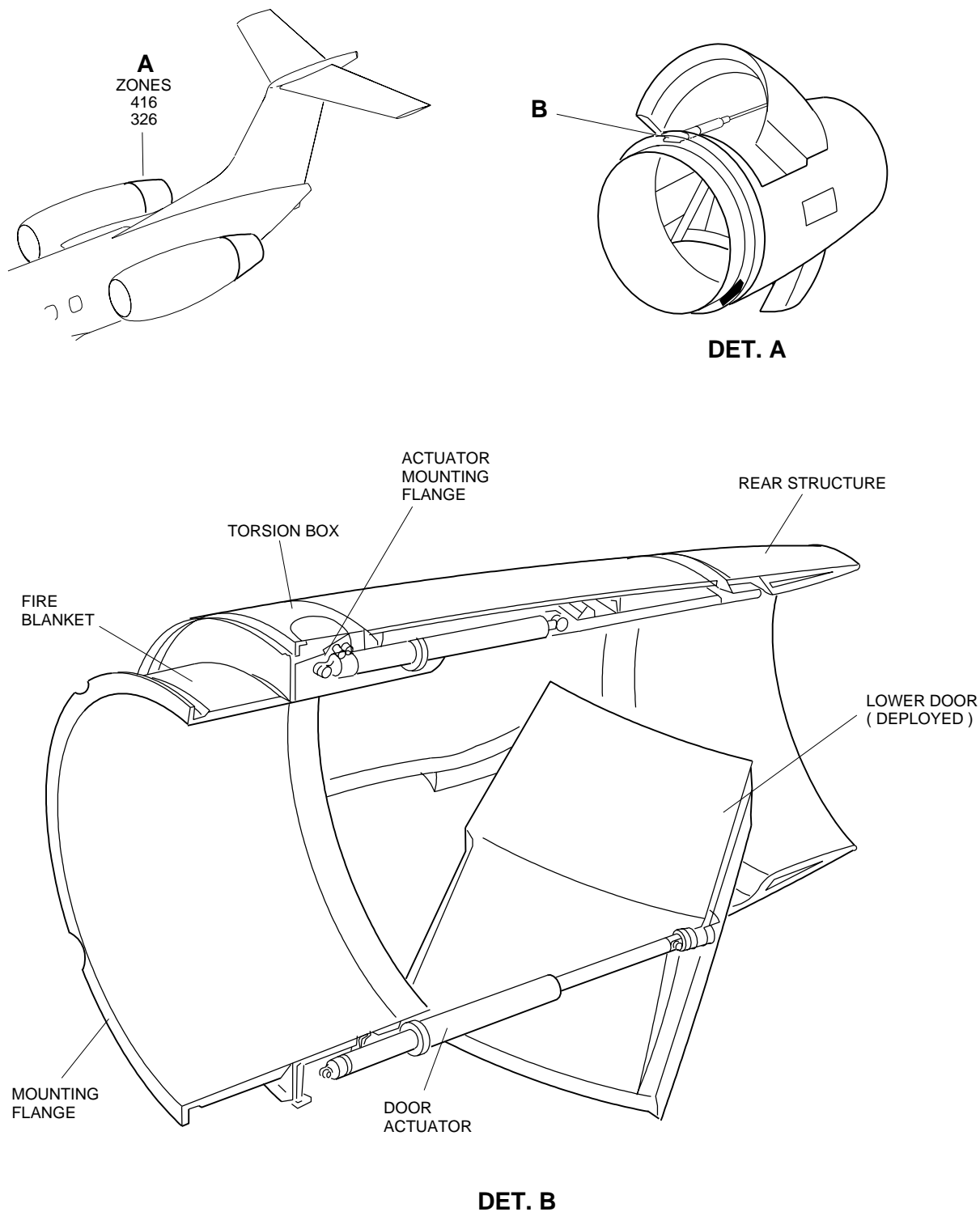
- (2) Control the thrust reverser to close ([AMM TASK 78-31-01-940-802-A/200](#)).

- (3) Close the access panels 416IZ, 416ZZ, 416HT, 416KT, 416LT, 416MT, 416NT, 416JT, 416QL, 416SL, 416VZ, 416WZ, 416UL, 416CB, 416BB, 416EB, 416DB, 416GB, 416FB, 416AB, 416TR, 416RR, 416XZ, 416YZ, 416PR, 426IZ, 426ZZ, 426HT, 426KT, 426LT, 426MT, 426NT, 426JT, 426QL, 426SL, 426VZ, 426WZ, 426UL, 426CB, 426BB, 426EB, 426DB, 426GB, 426FB, 426AB, 426TR, 426RR, 426XZ, 426YZ and 426PR ([AMM MPP 06-43-00/100](#)) from the thrust reverser.

EFFECTIVITY: ALL

Thrust Reverser Module - Internal General Visual Inspection

Figure 601



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