

THRUST REVERSER MICROSWITCH (STOW/TRANSIT) - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the thrust-reverser microswitch (Stow/Transit).
- B. These procedures are applicable to the LH and RH thrust reversers.
- C. 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
78-34-01-000-801-A	THRUST-REVERSER MICROSWITCH (STOW/TRANSIT) - REMOVAL	ALL
78-34-01-400-801-A	THRUST-REVERSER MICROSWITCH (STOW/TRANSIT) - INSTALLATION	ALL

TASK 78-34-01-000-801-A

EFFECTIVITY: ALL

2. THRUST-REVERSER MICROSWITCH (STOW/TRANSIT) - REMOVAL

A. General

(1) Obey the instructions below to remove the thrust-reverser microswitch (stow/transit).

B. References

REFERENCE	DESIGNATION
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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
416	416HT	LH Thrust reverser
416	416JT	LH Thrust reverser
416	416BB	LH Thrust reverser
416	416CB	LH Thrust reverser
416	416AB	LH Thrust reverser
426	426HT	RH Thrust reverser
426	426JT	RH Thrust reverser
426	426BB	RH Thrust reverser
426	426CB	RH Thrust reverser
426	426AB	RH Thrust reverser

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine nacelle	

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: • REFER TO THE GROUND SAFETY PRECAUTIONS GIVEN IN [AMM MPP 78-30-00/200](#) WHEN YOU DO THE THRUST REVERSER MAINTENANCE PROCEDURES.

- MAKE SURE THAT THE THRUST REVERSERS ARE DE-ENERGIZED. ENERGIZED CIRCUITS CAN CAUSE INJURY TO PERSONS.
- MAKE SURE THAT THE HYDRAULIC TEST STAND IS NOT CONNECTED.

CAUTION: MAKE SURE THAT ALL THE HYDRAULIC LINES ARE CONNECTED NOT TO PERMIT THE HYDRAULIC OIL TO FALL OUT.

- (1) Put the workstand under the engine thrust reverser.
- (2) Open the thrust-reverser doors ([AMM TASK 78-31-01-940-801-A/200](#)).
- (3) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
 - THRUST REVERSER 1/2.
 - HYD. ELEC. PUMP 1/2.
- (4) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (5) Remove access panels 416HT or 426HT ([AMM MPP 06-43-00/100](#)) as applicable, to get access to the transit and RH stow microswitch of the upper door.
- (6) Remove access panels 416JT or 426JT ([AMM MPP 06-43-00/100](#)) as applicable, to get access to the LH stow microswitch of the upper door.
- (7) Remove access panels 416BB or 426BB ([AMM MPP 06-43-00/100](#)) as applicable, to get access to the transit microswitch of the lower door.
- (8) Remove access panels 416CB or 426CB ([AMM MPP 06-43-00/100](#)) as applicable, to get access to the LH stow microswitch of the lower door.
- (9) Remove access panels 416AB or 426AB ([AMM MPP 06-43-00/100](#)) as applicable, to get access to the RH stow microswitch of the lower door.

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

WARNING: DO NOT APPLY HYDRAULIC POWER TO THE AIRCRAFT, AND DO NOT OPERATE THE THRUST REVERSER WHILE THE MAINTENANCE PERSONS ARE AT WORK.

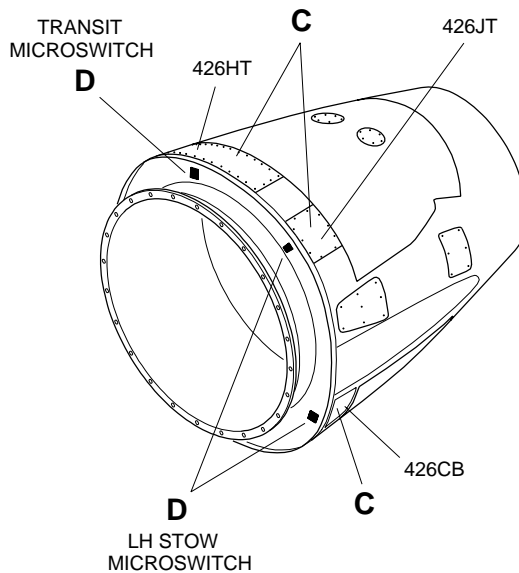
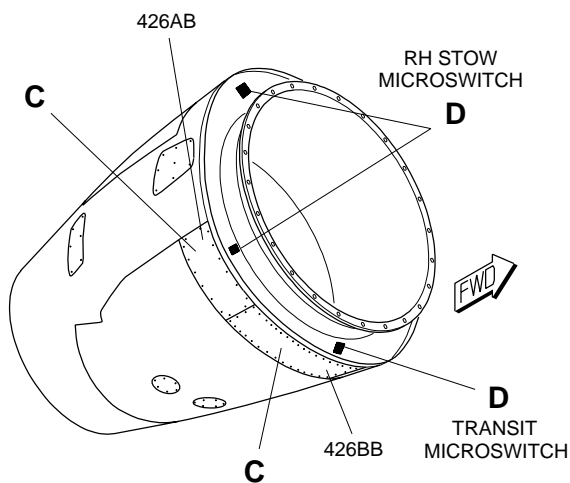
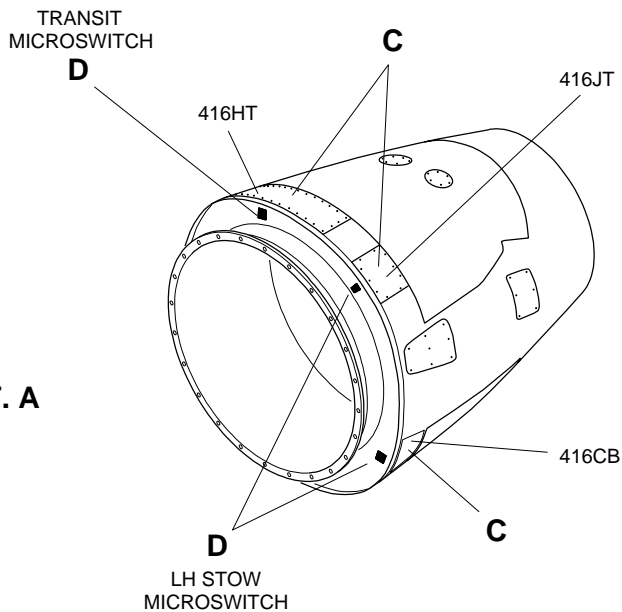
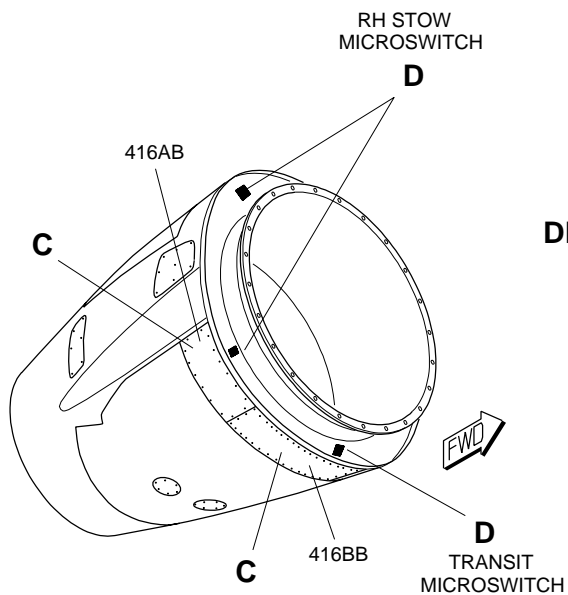
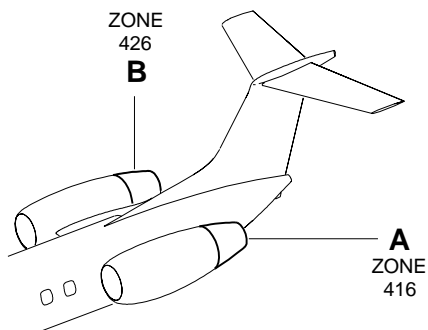


- (1) Remove the electrical connector (1) and install protection caps on it and on the microswitch port.
- (2) Remove the bolts (2) and the washers (3).
- (3) Remove the microswitch (4).

EFFECTIVITY: ALL

Thrust-Reverser Microswitch (Stow/Transit) - Removal/Installation

Figure 401 - Sheet 1

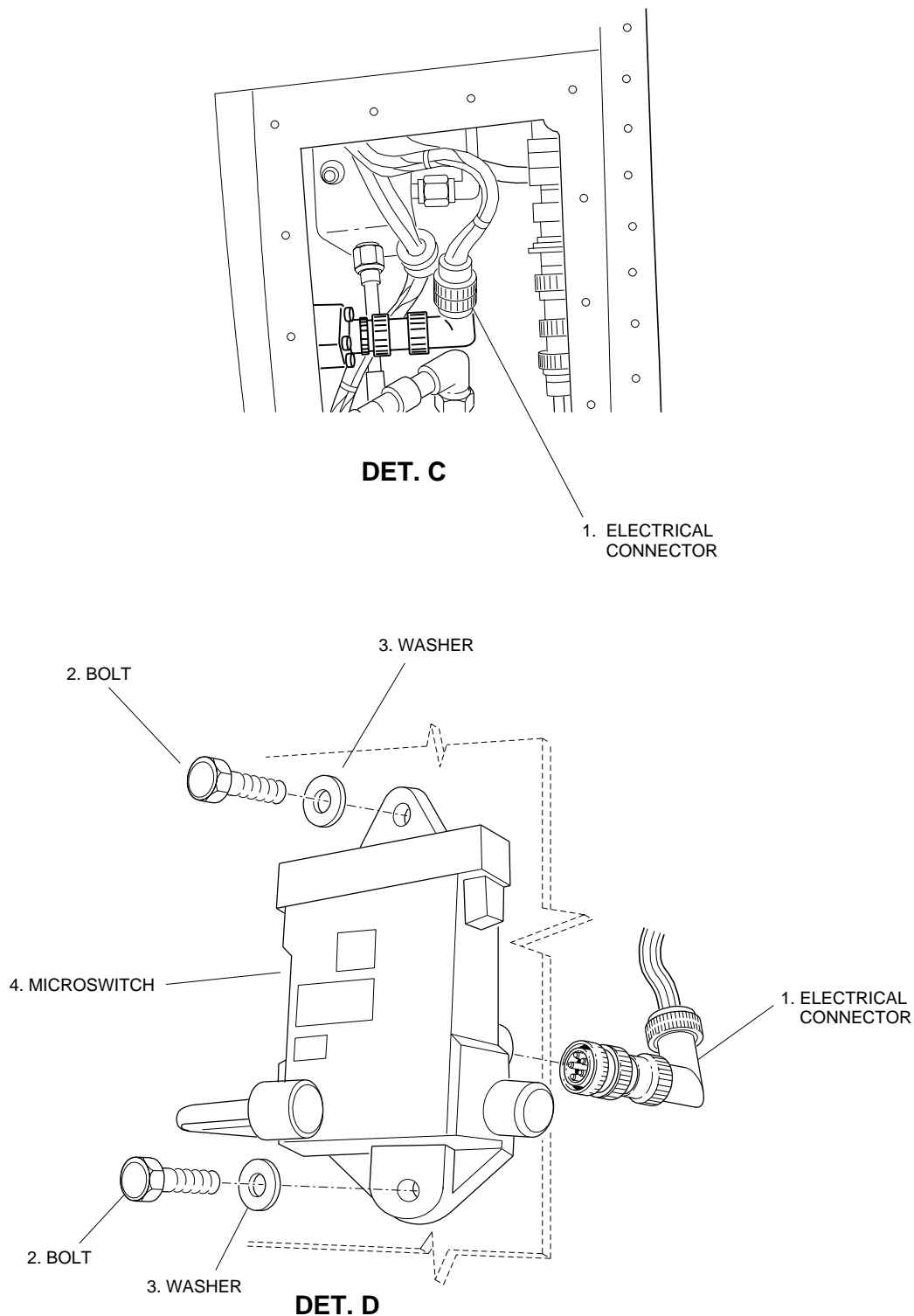


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EFFECTIVITY: ALL

Thrust-Reverser Microswitch (Stow/Transit) - Removal/Installation

Figure 401 - Sheet 2



145AMM780069.MCE A

TASK 78-34-01-400-801-A
EFFECTIVITY: ALL

3. THRUST-REVERSER MICROSWITCH (STOW/TRANSIT) - INSTALLATION

A. General

(1) Obey the instructions below to install the thrust-reverser microswitch (Stow/Transit).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 78-31-01-820-801-A/500	THRUST REVERSER - RIGGING PROCEDURE
AMM TASK 78-31-01-820-802-A/500	THRUST REVERSER - MANUAL RIGGING PROCEDURE
AMM TASK 78-31-01-940-802-A/200	THRUST REVERSER - CLOSURE PROCEDURE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
416	416HT	LH Thrust reverser
416	416JT	LH Thrust reverser
416	416BB	LH Thrust reverser
416	416CB	LH Thrust reverser
416	416AB	LH Thrust reverser
426	426HT	RH Thrust reverser
426	426JT	RH Thrust reverser
426	426BB	RH Thrust reverser
426	426CB	RH Thrust reverser
426	426AB	RH Thrust reverser

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine nacelle	

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. Installation (Figure 401)

SUBTASK 420-002-A

WARNING: • **MAKE SURE THAT THE THRUST REVERSERS ARE DEENERGIZED. ENERGIZED CIRCUITS CAN CAUSE INJURY TO PERSONS.**

- **MAKE SURE THAT THE HYDRAULIC TEST STAND IS NOT CONNECTED.**

- (1) Align the microswitch (4) attaching holes with rear wall attaching holes.
- (2) Install the bolts (2) and washers (3).
- (3) Remove the protection caps from the electrical connectors (1) and from the microswitches ports and connect them.

J. Follow-on

SUBTASK 842-002-A

- (1) Install access panels 416HT, 416JT, 416BB, 416CB, 416AB, 426HT, 426JT, 426BB, 426CB or 426AB (AMM MPP 06-42-00/100), as applicable.
- (2) Close the thrust-reverser doors ([AMM TASK 78-31-01-940-802-A/200](#)).
- (3) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
 - THRUST REVERSER 1/2.
 - HYD. ELEC. PUMP 1/2.
- (4) Remove the DO-NOT-OPERATE-THE-THRUST-REVERSERS sign from the instrument panel, in the cockpit.
- (5) Remove the workstand from the work area.

CAUTION: THRUST REVERSER RIGGING IS NECESSARY TO MAKE SURE OF THE CORRECT THRUST REVERSER OPERATION. IF THE THRUST REVERSER IS NOT CORRECTLY RIGGED, FAILURE MESSAGES WILL COME INTO VIEW ON THE EICAS AND CMC, AND CAUSE INTERRUPTIONS IN THE AIRCRAFT OPERATION.

- (6) Do the thrust-reverser rigging procedure ([AMM TASK 78-31-01-820-801-A/500](#)) or ([AMM TASK 78-31-01-820-802-A/500](#)), as applicable.

NOTE: When you install a new stow/transit switch, it is recommended that you replace the applicable striker plate. If you keep the same strike plate, an abnormal wear on the installed stow/transit switch can occur.