

THRUST REVERSER MICROSWITCH (STOW/TRANSIT) - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the adjustment/test procedures applicable to all the thrust reverser doors.
- B. 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 |
|----------------------|--|--|
| 78-34-01-700-801-A | STOW/TRANSIT MICROSWITCH - FUNCTIONAL TEST | ALL |
| 78-34-01-700-802-A ♦ | STOW/TRANSIT MICROSWITCH - ELECTRICAL TEST | FOR STOW/TRANSIT MICROSWITCHES P/Ns 83-990-137, 83-990-152 AND 83-990-166 |
| 78-34-01-820-801-A | STOW/TRANSIT MICROSWITCH - ADJUSTMENT | ALL |

TASK 78-34-01-700-801-A

EFFECTIVITY: ALL

2. STOW/TRANSIT MICROSWITCH - FUNCTIONAL TEST

A. General

- (1) Obey these instructions to do the stow/transit microswitch functional test.
- (2) These procedures are applicable to all thrust reverser doors.

B. References

| REFERENCE | DESIGNATION |
|---|---|
| AMM MPP 06-41-02/100 | - |
| AMM MPP 78-30-00/200 | - MAINTENANCE PRACTICES |
| AMM MPP 78-34-01/400 | - REMOVAL/INSTALLATION |
| AMM TASK 28-41-00-200-801-A/600 | - |
| AMM TASK 45-45-01-000-801-A/400 | CENTRAL MAINTENANCE COMPUTER (CMC) - REMOVAL |
| AMM TASK 45-45-01-400-801-A/400 | CENTRAL MAINTENANCE COMPUTER (CMC) - INSTALLATION |
| AMM TASK 53-01-01-000-801-A/400 | COCKPIT FLOOR PANELS - REMOVAL |
| AMM TASK 53-01-01-400-801-A/400 | COCKPIT FLOOR PANELS - INSTALLATION |
| AMM TASK 78-31-01-700-801-A/500 | THRUST REVERSER - OPERATIONAL CHECK |
| 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 78-31-01-940-801-A/200 | THRUST REVERSER - OPENING PROCEDURE |
| AMM TASK 78-31-01-980-802-A/200 | LOCK/UNLOCK THE TR EXHAUST DOOR - DEPLOYED POSITION |
| AMM TASK 78-32-04-700-801-A/500 | ENGINE THRUST-REVERSER DOOR PRIMARY-LOCK HOOK - FUNCTIONAL TEST |
| AMM TASK 78-33-01-980-801-A/200 | ISOLATION CONTROL UNIT - INHIBITION PROCEDURES |
| WM 78-31-52 | - |
| WM 78-31-53 | - |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|--------------------|
| 416 | | LH Thrust reverser |
| 426 | | RH Thrust reverser |
| 221 | 221GF | Floor panel |

D. Tools and Equipment

| ITEM | DESCRIPTION | PURPOSE | QTY |
|------------------------|-------------|-------------------------------------|-----|
| Commercially available | Workstand | To get access to the engine nacelle | |
| Commercially available | Multimeter | To measure the voltage | |
| Commercially available | Calipers | To measure the gap | |

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 | Cockpit |
| 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 LET THE HYDRAULIC OIL FALL OUT.

NOTE: You must do this procedure for the other door of the thrust reverser.

- (1) Make a copy of Table 501 for each door that you will adjust.
- (2) Fill out the table with the TR serial number, thrust reverser installation (LH or RH), upper or lower door, and date.

Table 501 - STOW/TRANSIT MICROSWITCH ADJUSTMENT - MEASUREMENTS

| TR nº: | TR inst: | Door side: | Date: |
|---------------------------|---------------------------|-------------------------------|--|
| | Actuation position | Stowed position [1] | Distance (D) between actuation position and stowed position [2] |
| Transit microswitch | | | |
| Outboard stow microswitch | | | |
| Inboard stow microswitch | | | |

[1] If the stowed position is below flush, use negative sign (–) for the value. If it is above flush, use the positive sign (+).

[2] The result is the difference between the actuation position value and the stowed position value.

- (3) Put the workstand under the engine thrust reverser.
- (4) With a marker pen, make a mark on the torsion box structure at the point forward of the inhibition bolt hole.
- (5) Cycle the thrust-reverser once ([AMM TASK 78-31-01-700-801-A/500](#)).
- (6) Make sure that the thrust reverser is in the stowed position.
- (7) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
 - THRUST REVERSER 1/2.
 - CMC.
 - HYD. ELEC. PUMP 1/2.
- (8) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (9) Inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).

CAUTION: TO PREVENT DAMAGE TO THE FRONT EDGE OF THE PIVOT DOOR AND THE TORSION BOX STRUCTURE SKIN, DO NOT USE TOOLS TO PULL THE DOORS OUT ([Figure 501](#)).

- (10) Push the rear edge of the door inward to lift the front edge of the door.

NOTE: The movement of the doors is such that you cannot see it, and it is limited by the primary lock.

- (11) With a caliper or a depth gauge, measure the vertical distance between the front edge of the pivot door and the torsion box structure at the point marked in step (4). If the value is less or equal than 1.5 mm (0.059") above or below flush, get the value and go to step (12). Refer to DET. B of [Figure 501](#).

If the value is greater than 1.5 mm (0.059") above or below flush, do the Engine Thrust-Reverser Door Primary-Lock Hook functional test ([AMM TASK 78-32-04-700-801-A/500](#)). In this case, obey the sign to get the smallest flush dimension value for each door and go to step (12).

- (12) In the copy of table 501, in the stowed position column, write the value that you obtained in step (11).
- (13) De-inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (14) On the circuit breaker panel, close these circuit breakers:
 - THRUST REVERSER 1/2.
 - CMC.
 - HYD. ELEC. PUMP 1/2.
- (15) Open the thrust reverser doors ([AMM TASK 78-31-01-940-801-A/200](#)).
- (16) Inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (17) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
 - THRUST REVERSER 1/2.
 - CMC.
 - HYD. ELEC. PUMP 1/2.
- (18) Lock the thrust reverser doors in the deployed position ([AMM TASK 78-31-01-980-802-A/200](#)).
- (19) Remove cockpit floor panel 221GF (AMM MPP 06-41-02/100) and ([AMM TASK 53-01-01-000-801-A/400](#)).
- (20) Remove the CMC ([AMM TASK 45-45-01-000-801-A/400](#)).

J. Stow/Transit Microswitch Functional Test ([Figure 501](#))

SUBTASK 720-002-A

- (1) Get access to the applicable Stow/Transit switch. Do a visual check on the microswitches for physical damage and do the actuator switch wear measure as follows:
 - (a) Use a micrometer to measure the actuator switch diameter. Record this as dimension Y ([Figure 501](#)):
 - 1 If the Y dimension is less than 7.9 mm (0.31 in), replace the applicable stow/transit switch ([AMM MPP 78-34-01/400](#)).
 - 2 If the Y dimension is more than 7.9 mm (0.31 in), continue with stow/transit microswitch functional test.
- (2) Refer to table 502 to know which pin you must monitor in each step (WM 78-31-52) and (WM 78-31-53).

Table 502 - STOW/TRANSIT MICROSWITCH PINS AT CONNECTOR J1423

| Thrust Re- verser | Door | Microswitch | Pin |
|--------------------------------|------------|---------------------------|------|
| Thrust Re- verser 1 (LH) | Upper Door | Transit Microswitch | A-G8 |
| | | Outboard Stow Microswitch | A-G1 |
| | | Inboard Stow Microswitch | A-G2 |
| | Lower Door | Transit Microswitch | A-G7 |
| | | Outboard Stow Microswitch | A-G4 |
| | | Inboard Stow Microswitch | A-G3 |
| Thrust Re- verser 2 (RH) | Upper Door | Transit Microswitch | B-G8 |
| | | Outboard Stow Microswitch | B-G1 |
| | | Inboard Stow Microswitch | B-G2 |
| | Lower Door | Transit Microswitch | B-G7 |
| | | Outboard Stow Microswitch | B-G4 |
| | | Inboard Stow Microswitch | B-G3 |

- (3) With the transit microswitch, do these steps:
- Monitor the continuity signal between the applicable pin of the transit microswitch at connector J1423 and the ground (WM 78-31-52) and (WM 78-31-53).
 - With the hands, operate the transit microswitch.
 - Make sure that there is continuity between these points.
 - Release the microswitch.

CAUTION: DAMAGE TO THE PIVOT DOOR ACTUATOR ROD CAN DAMAGE THE ACTUATOR SEALS. THIS WILL RESULT IN LEAKAGE OF HYDRAULIC FLUID FROM THE ACTUATOR. TAKE CARE NOT TO DAMAGE THE ACTUATOR ROD WHEN YOU REMOVE THE HOLD-OPEN STAY AND WHEN YOU USE MAINTENANCE TOOLS NEAR THE PIVOT DOOR ACTUATOR.

- Remove the hold-open stays from the actuator rods and install them to the torsion-box firewall with its bolts.
 - Close the door slowly until there is continuity between the ground and the applicable transit microswitch pin of connector J1423.
 - With the caliper, measure and write in the copy of table 501 the vertical distance between the front edge of the pivot door and the torsion box structure at the marked point (Figure 501).
- (4) With the outboard stow microswitch, do these steps:
- Monitor the continuity signal between the applicable pin of the outboard stow microswitch at connector J1423 and the ground (WM 78-31-52) and (WM 78-31-53).

- (b) With the hands, operate the outboard stow microswitch.
 - (c) Make sure that there is continuity between these points.
 - (d) Release the microswitch.
 - (e) With the inhibition bolt, close the door slowly until there is continuity between the ground and the applicable outboard stow microswitch pin of connector J1423.
 - (f) With the caliper, measure and write in the copy of table 501 the vertical distance between the front edge of the pivot door and the torsion box structure at the marked point ([Figure 501](#)).
- (5) With the inboard stow microswitch, do these steps:
- (a) Release the inhibition bolt and pull the door to cause it to open.
 - (b) Monitor the continuity signal between the applicable pin of the inboard stow microswitch at connector J1423 and the ground (WM 78-31-52) and (WM 78-31-53).
 - (c) With the hands, operate the inboard stow microswitch.
 - (d) Make sure that there is continuity between these points.
 - (e) Release the microswitch.
 - (f) With the inhibition bolt, close the door slowly until there is continuity between the ground and the applicable inboard stow microswitch pin of connector J1423.
 - (g) With the caliper, measure and write in the copy of table 501 the vertical distance between the front edge of the pivot door and the torsion box structure at the marked point ([Figure 501](#)).

K. Follow-on

SUBTASK 842-002-A

- (1) If the difference between the actuation point and the stowed position is in the tolerance (3.5 ± 0.5 mm) for the stow microswitches and ($17.0 + 2.0$ mm) for the transit microswitches, the switches are adjusted. If it is not, adjust the related stow and transit microswitch striker assemblies ([AMM TASK 78-31-01-820-801-A/500](#) or [AMM TASK 78-31-01-820-802-A/500](#)) and do the steps described in items J and K again.

- (2) Remove the inhibition bolts.

- (3) Install the CMC ([AMM TASK 45-45-01-400-801-A/400](#)).

- (4) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of fuel quantity indication harness is part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

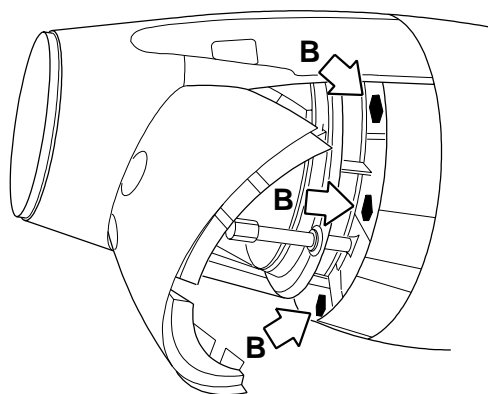
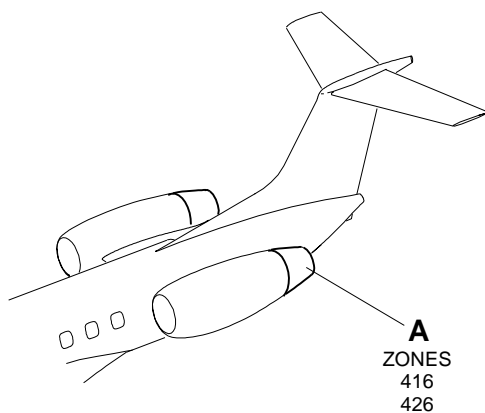
- (5) Install cockpit floor panel 221GF (AMM MPP 06-41-02/100) and ([AMM TASK 53-01-01-400-801-A/400](#)).

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- (6) De-inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (7) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
- THRUST REVERSER 1/2.
 - CMC.
 - HYD. ELEC. PUMP 1/2.
- (8) Do the Thrust Reverser Operational Check ([AMM TASK 78-31-01-700-801-A/500](#)).

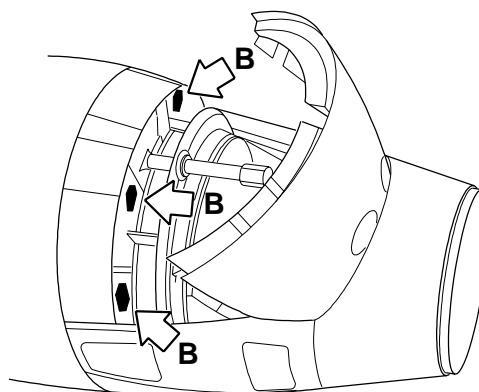
EFFECTIVITY: ALL

Thrust Reverser Stow/Transit Microswitch - Functional Test

Figure 501 - Sheet 1

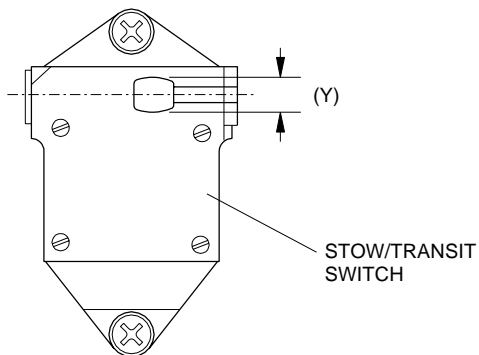


LOWER PIVOT DOOR



UPPER PIVOT DOOR

DET. A



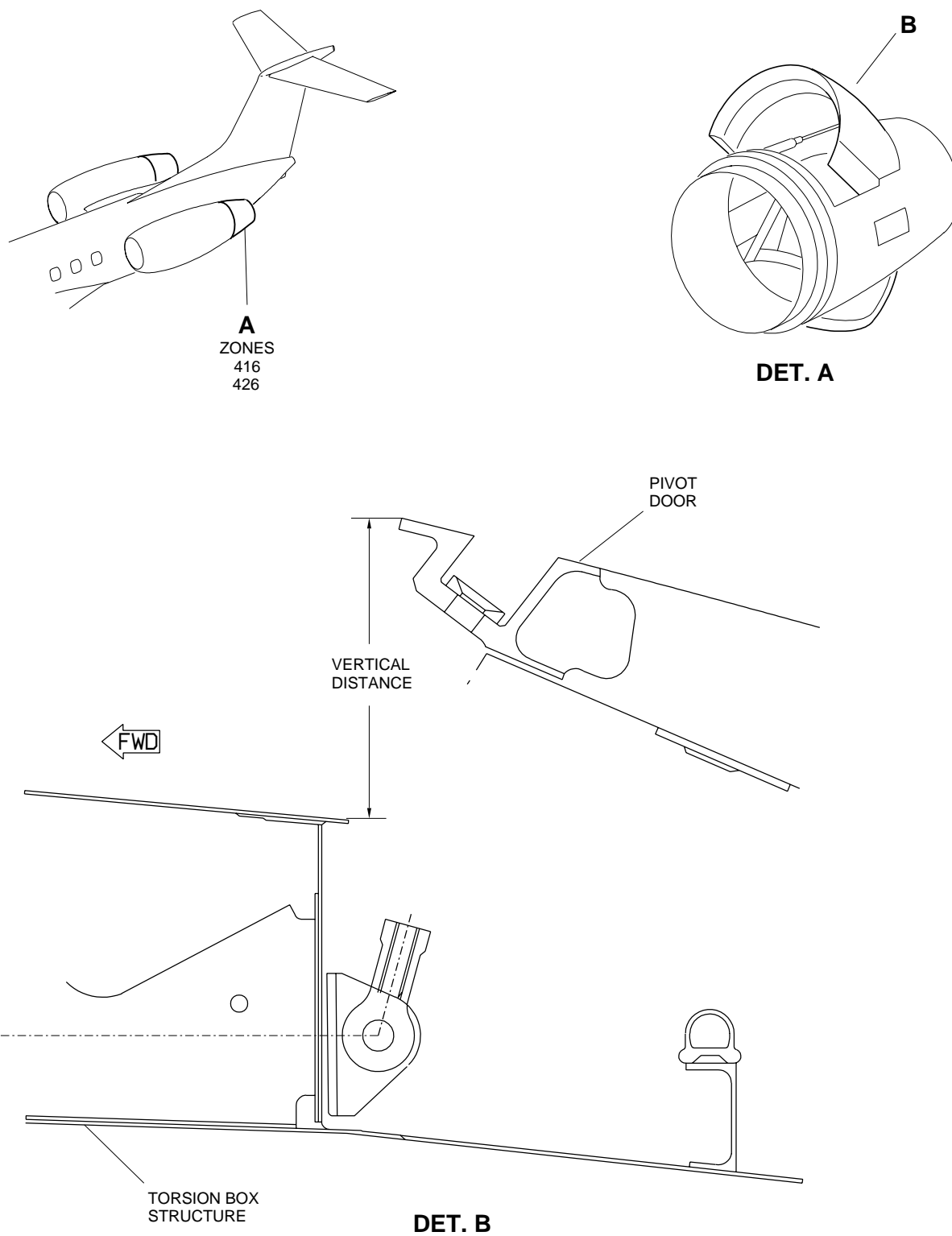
DET. B

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EFFECTIVITY: ALL

Thrust Reverser Stow/Transit Microswitch - Functional Test

Figure 501 - Sheet 2



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TASK 78-34-01-700-802-A

EFFECTIVITY: FOR STOW/TRANSIT MICROSWITCHES P/Ns 83-990-137, 83-990-152 AND 83-990-166

3. STOW/TRANSIT MICROSWITCH - ELECTRICAL TEST

A. General

- (1) Obey these instructions to do the stow/transit microswitch electrical test.
- (2) These procedures are applicable to all stow and transit microswitches.

B. References

| REFERENCE | DESIGNATION |
|---------------------------------|---|
| 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 |
| AMM TASK 78-31-01-980-802-A/200 | LOCK/UNLOCK THE TR EXHAUST DOOR - DE- PLOYED POSITION |
| AMM TASK 78-33-01-980-801-A/200 | ISOLATION CONTROL UNIT - INHIBITION PROCE- DURES |
| AMM TASK 78-34-01-000-801-A/400 | THRUST-REVERSER MICROSWITCH (STOW/ TRANSIT) - REMOVAL |
| AMM TASK 78-34-01-400-801-A/400 | THRUST-REVERSER MICROSWITCH (STOW/ TRANSIT) - INSTALLATION |
| AMM TASK 78-34-01-700-801-A/500 | STOW/TRANSIT MICROSWITCH - FUNCTIONAL TEST |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|--------------------|
| 416 | 416AB | LH Thrust Reverser |
| 416 | 416BB | LH Thrust Reverser |
| 416 | 416CB | LH Thrust Reverser |
| 416 | 416HT | LH Thrust Reverser |
| 416 | 416JT | LH Thrust Reverser |
| 426 | 426AB | RH Thrust Reverser |
| 426 | 426BB | RH Thrust Reverser |
| 426 | 426CB | RH Thrust Reverser |
| 426 | 426HT | RH Thrust Reverser |
| 426 | 426JT | RH Thrust Reverser |

D. Tools and Equipment

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

(Continued)

| ITEM | DESCRIPTION | PURPOSE | QTY |
|------------------------|-------------|--------------------------------------|-----|
| Commercially available | Megohmmeter | To measure the insulation resistance | |

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 840-002-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.

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand under the engine thrust reverser.
- (3) Open the thrust reverser ([AMM TASK 78-31-01-940-801-A/200](#)).
- (4) Inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (5) Lock the thrust reverser doors in the deployed position ([AMM TASK 78-31-01-980-802-A/200](#)).
- (6) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
 - THRUST REVERSER 1/2.
 - CMC.
 - HYD. ELEC. PUMP 1/2.
- (7) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (8) At the upper door, remove the inboard and outboard stow switches ([AMM TASK 78-34-01-000-801-A/400](#)).

NOTE: Mark the stow switches to make sure that, if the insulation resistance is greater than 100 MΩ, they will be installed back at the same positions.

- (9) For the upper transit switch and the lower stow/transit switches, disconnect the electrical connectors and do the electrical test on the aircraft.

NOTE: It is not necessary to remove these switches to do the electrical test.

J. Functionally Check Stow/Transit Thrust Reverser Microswitches for Insulation ([Figure 502](#))

SUBTASK 720-009-A

- (1) Connect the megohmmeter between pin 2 and pin 3 of the connector of the applicable microswitch. Refer to DET. A of .
- (2) Adjust the megohmmeter to supply 500 V DC between pin 2 and pin 3 of the connector.
- (3) Read the insulation resistance of the switch.

NOTE: The insulation resistance must be greater than 100 MΩ.

- (4) Change the state of the switch by activating the lever.
- (5) Adjust the megohmmeter to supply 500 V DC between pin 2 and pin 3 of the connector.
- (6) Read the insulation resistance of the switch.

NOTE: The insulation resistance must be greater than 100 MΩ.

- (7) Disconnect the megohmmeter between pin 2 and pin 3 of the connector of the applicable microswitch.

SUBTASK 720-006-A

- (8) Connect the megohmmeter between pin 5 and pin 6 of the connector of the applicable microswitch. Refer to DET. A of [Figure 502](#).
- (9) Adjust the megohmmeter to supply 500 V DC between pin 5 and pin 6 of the connector.
- (10) Read the insulation resistance of the switch.

NOTE: The insulation resistance must be greater than 100 MΩ.

- (11) Change the state of the switch by activating the lever.
- (12) Adjust the megohmmeter to supply 500 V DC between pin 5 and pin 6 of the connector.
- (13) Read the insulation resistance of the switch.

NOTE: The insulation resistance must be greater than 100 MΩ.

- (14) Disconnect the megohmmeter between pin 5 and pin 6 of the connector of the applicable microswitch.

SUBTASK 720-007-A

- (15) Connect pins 2 and 3 both together to the electrical connector.
- (16) Connect the ground terminal of the megohmmeter to the ground point of the applicable microswitch. Refer to DET. A of [Figure 502](#).
- (17) Adjust the megohmmeter to supply 500 V DC between pins 2 and 3 both together for 1 minute.
- (18) Read the insulation resistance of the switch.
NOTE: The insulation resistance must be greater than 100 MΩ.
- (19) Disconnect pins 2 and 3 from the electrical connector.
- (20) Connect pins 5 and 6 both together to the electrical connector.
- (21) Adjust the megohmmeter to supply 500 V DC between pins 5 and 6 both together for 1 minute.
- (22) Read the insulation resistance of the switch.
NOTE: The insulation resistance must be greater than 100 MΩ.
- (23) Disconnect pins 5 and 6 from the electrical connector.
- (24) Disconnect the ground terminal of the megohmmeter from the ground point of the applicable microswitch. Refer to DET. A of [Figure 502](#).

SUBTASK 720-008-A

- (25) Connect pins 2 and 3 both together and pins 5 and 6 to the electrical connector.
- (26) Adjust the megohmmeter to supply 500 V DC between pins 2 and 3 both together and pins 5 and 6 both together for 1 minute.
- (27) Read the insulation resistance of the switch.
NOTE: The insulation resistance must be greater than 100 MΩ.
- (28) Disconnect pins 2, 3, 5 and 6 from the electrical connector.

K. Follow-on

SUBTASK 840-003-A

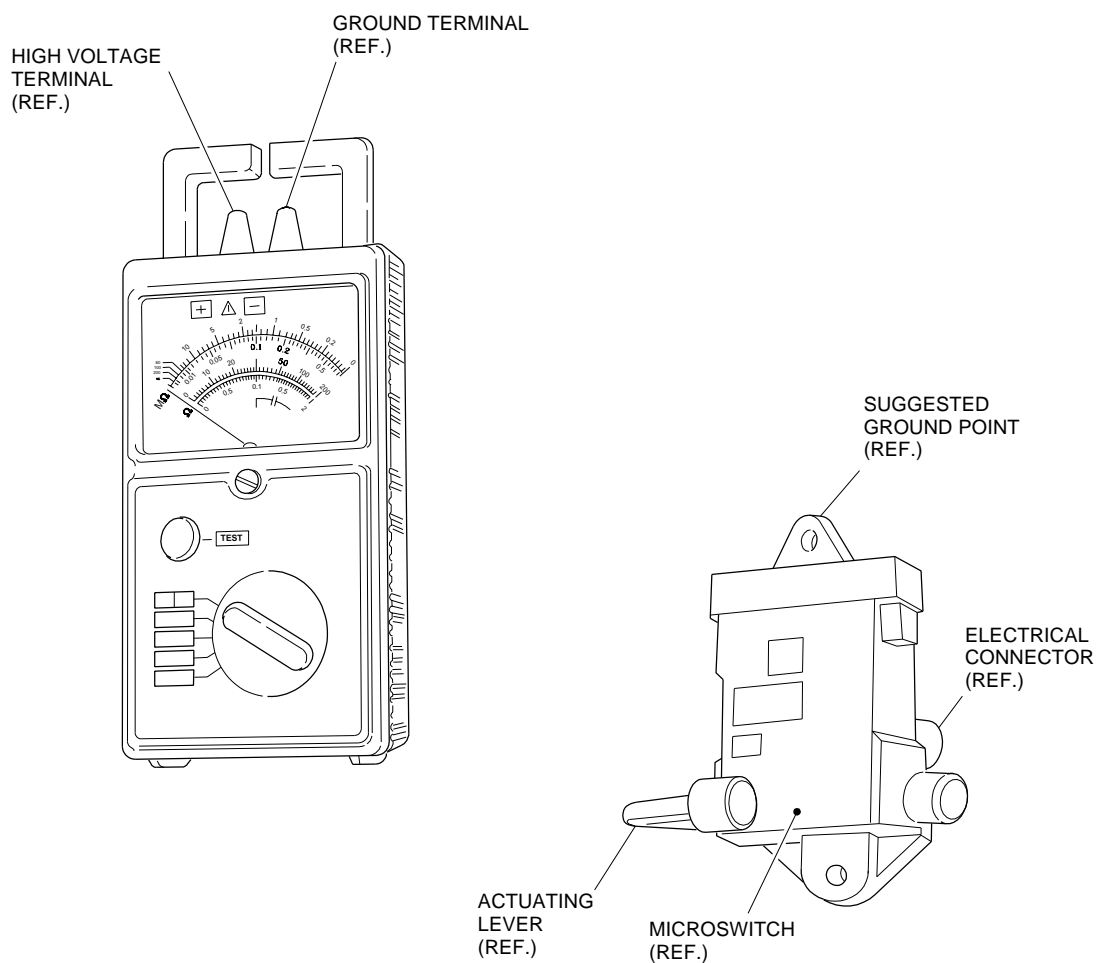
- (1) Install the removed switches back or install new switch(es) if applicable ([AMM TASK 78-34-01-400-801-A/400](#)). Then, do the stow/transit functional test to these switches ([AMM TASK 78-34-01-700-801-A/500](#)).
- (2) Unlock the thrust reverser doors from the deployed position ([AMM TASK 78-31-01-980-802-A/200](#)).
- (3) Deinhbit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (4) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:

- THRUST REVERSER 1/2.
 - CMC.
 - HYD. ELEC. PUMP 1/2.
- (5) Close the thrust reverser ([AMM TASK 78-31-01-940-802-A/200](#)).
- (6) Remove the DO-NOT-OPERATE-THE-THRUST-REVERSERS sign installed on the instrument panel, in the cockpit.
- (7) Remove the workstand from under the engine thrust reverser.

EFFECTIVITY: FOR STOW/TRANSIT MICROSWITCHES P/Ns 83-990-137, 83-990-152 AND 83-990-166

Thrust-Reverser Stow/Transit Microswitch - Insulation Test

Figure 502



EM145AMM780223A.DGN

TASK 78-34-01-820-801-A
EFFECTIVITY: ALL

4. STOW/TRANSIT MICROSWITCH - ADJUSTMENT

A. General

- (1) These procedures are applicable to all thrust reverser doors.
- (2) This task gives the procedure to adjust the thrust reverser stow/transit microswitch.

B. References

| REFERENCE | DESIGNATION |
|---------------------------------|---|
| AMM MPP 78-30-00/200 | - MAINTENANCE PRACTICES |
| 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 78-31-01-940-801-A/200 | THRUST REVERSER - OPENING PROCEDURE |
| AMM TASK 78-31-01-980-802-A/200 | LOCK/UNLOCK THE TR EXHAUST DOOR - DEPLOYED POSITION |
| AMM TASK 78-33-01-980-801-A/200 | ISOLATION CONTROL UNIT - INHIBITION PROCEDURES |
| AMM TASK 78-34-01-700-801-A/500 | STOW/TRANSIT MICROSWITCH - FUNCTIONAL TEST |

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

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 841-003-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 DEENERGIZED. 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 LET THE HYDRAULIC OIL 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) Lock the thrust reverser doors in the deployed position ([AMM TASK 78-31-01-980-802-A/200](#)).
- (4) On the circuit breaker panel, open these circuit brakes and attach a DO-NOT-CLOSE tag to them:
 - THRUST REVERSER 1/2.
 - HYD. ELEC. PUMP 1/2.
- (5) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (6) Inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).

J. Stow/Transit Microswitch Adjustment ([Figure 503](#))

SUBTASK 820-002-A

- (1) Adjust the related stow and transit Microswitch striker assemblies ([AMM TASK 78-31-01-820-801-A/500](#) or [AMM TASK 78-31-01-820-802-A/500](#))

K. Follow-on

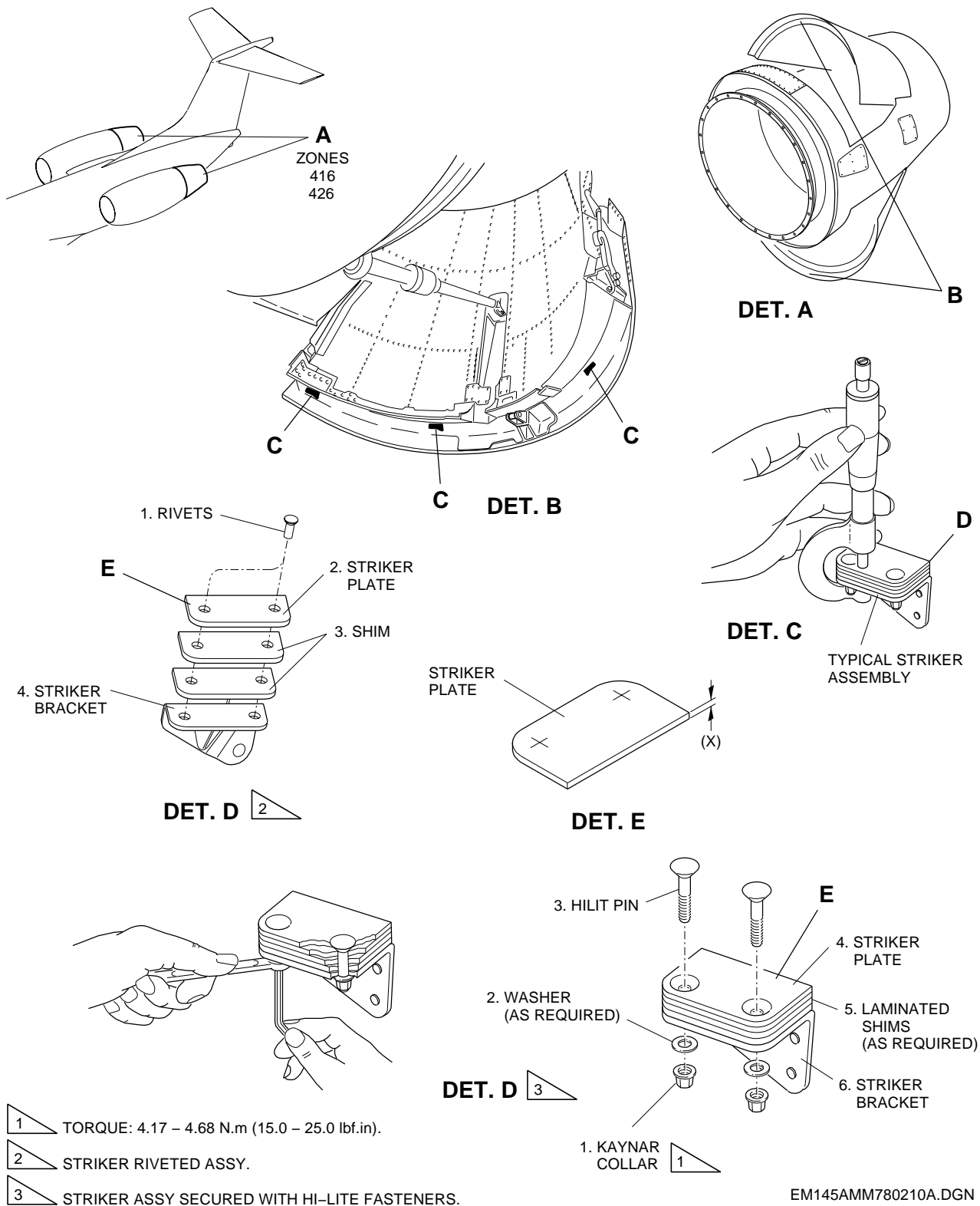
SUBTASK 842-003-A

- (1) Unlock the thrust reverser doors from the deployed position ([AMM TASK 78-31-01-980-802-A/200](#)).
- (2) Do the Stow/transit Microswitch - Functional Test ([AMM TASK 78-34-01-700-801-A/500](#)).

EFFECTIVITY: ALL

Stow/Transit Microswitch Shim - Dimensions

Figure 503



EM145AMM780210A.DGN

