

THRUST REVERSER MICROSWITCH (DEPLOY) - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a check on the thrust-reverser deploy microswitch.
- B. These procedures are applicable to the LH and RH thrust reversers, upper and lower deploy microswitches.
- 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
78-34-02-200-801-A	DEPLOY MICROSWITCH - INSPECTION/ CHECK	ALL

TASK 78-34-02-200-801-A

EFFECTIVITY: ALL

2. DEPLOY MICROSWITCH - INSPECTION/CHECK

A. General

- (1) Obey these instructions for the deploy microswitch check.

B. References

REFERENCE	DESIGNATION
AMM MPP 78-30-00/200	- MAINTENANCE PRACTICES
AMM TASK 78-33-01-980-801-A/200	ISOLATION CONTROL UNIT - INHIBITION PROCEDURES
AMM TASK 78-34-02-000-801-A/400	ENGINE THRUST-REVERSER MICROSWITCH (DEPLOY) - REMOVAL
AMM TASK 78-34-02-400-801-A/400	ENGINE THRUST-REVERSER MICROSWITCH (DEPLOY) - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine nacelle	
Commercially available	Caliper	To measure the wear of the switch arm	
Commercially available	Square	To do a check on the switch arm for deformation	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Examines the deploy microswitch	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 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) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand under the engine thrust reverser.
- (3) On the circuit breaker panel, open these circuit breakers 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) Inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (6) Remove the deploy microswitches ([AMM TASK 78-34-02-000-801-A/400](#)).

J. Inspection/Check ([Figure 601](#))

SUBTASK 211-002-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) Use a caliper to make sure that the switch arm is within the wear limits of 0.7 mm (0.028") deep. Refer to SECTION D-D, DET. C of [Figure 601](#).
- (2) Visually examine the arm of the deploy switch. If you find damage along the length of the arm, do the procedure given in reverser manufacturer's CMM 78-30-00 (Testing & troubleshooting - Table 105).
- (3) Put a square on the switch face to make sure that the switch arm is parallel to the square. Bending is not acceptable. Refer to DET. C of [Figure 601](#).
- (4) Use a multimeter to do a continuity test at the switch pins as follows:
 - (a) Manually operate the switch and keep the lever arm pushed. Make sure that there is continuity between pins 1 and 2 and between pins 4 and 5.

- (b) Release the switch arm and make sure that there is continuity between pins 1 and 3 and between pins 4 and 6.

K. Follow-on

SUBTASK 842-002-A

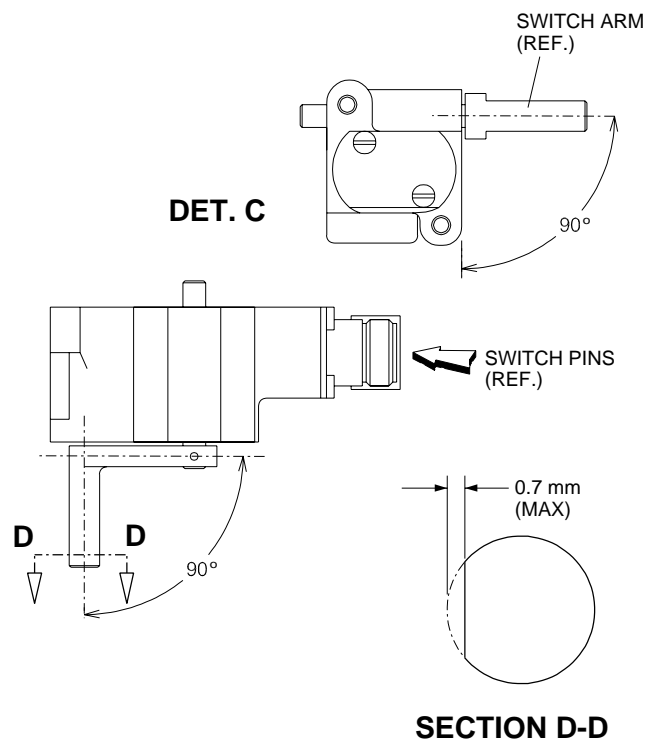
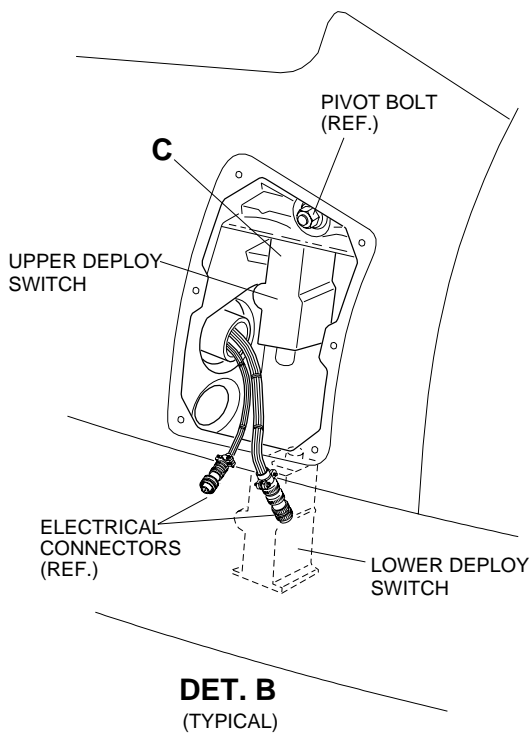
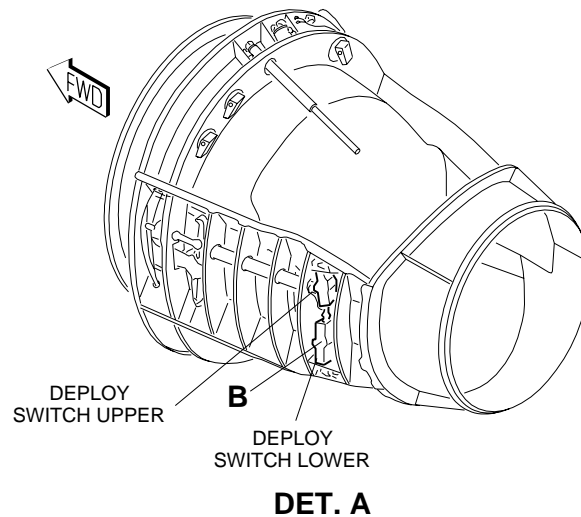
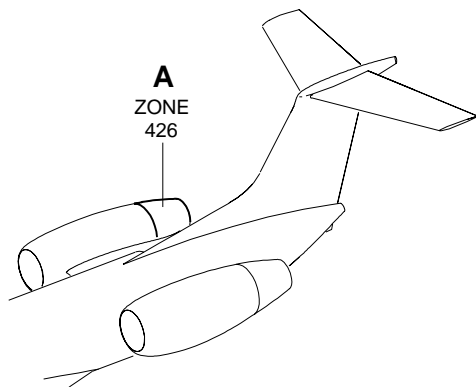
CAUTION: EXAMINE ALL THE WORK AREAS TO MAKE SURE THAT YOU DID NOT LET TOOLS OR OTHER EQUIPMENT STAY BEHIND.

- (1) Install the deploy microswitch ([AMM TASK 78-34-02-400-801-A/400](#)).
- (2) Deinhbit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (3) On the circuit breaker panel, close these circuit breakers 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.

EFFECTIVITY: ALL

Deploy Microswitch - Inspection/Check

Figure 601



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