
REAR ELECTRONIC-COMPARTMENT ACCESS-HATCH WARNING MICROSWITCH - ADJUSTMENT/
TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a test of the rear electronic-compartment access-hatch caution microswitch.
- 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
52-77-01-700-801-A	REAR - ELECTRONIC - COMPARTMENT ACCESS HATCH CAUTION MICRO- SWITCH -OPERATIONAL TEST	ALL

TASK 52-77-01-700-801-A

EFFECTIVITY: ALL

2. REAR - ELECTRONIC - COMPARTMENT ACCESS HATCH CAUTION MICROSWITCH - OPERATIONAL TEST

A. General

- (1) The function of this check is to make sure that the rear electronic-compartment access-hatch caution microswitch is serviceable.

B. References

REFERENCE	DESIGNATION
AMM SDS 23-41-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272		Rear - electronic - compartment access hatch

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 - Near the aircraft, at the Rear Fuselage	
1	Helps the other technician - Monitors the EICAS display in the cockpit	

I. Preparation

SUBTASK 841-002-A

- (1) Connect the ramp interphone to permit communication between the mechanics ([AMM SDS 23-41-00/1](#)).
- (2) Energize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Make sure that these doors are closed and locked:

- Forward Electronic-Compartment Access Hatch
- Cockpit Underfloor Access Hatch
- Service Door
- Main Door
- Fueling Panel Door
- Passenger-Cabin Escape Hatches
- Baggage Door

J. Procedure Test - Caution Microswitch (Figure 501)

SUBTASK 710-002-A

- (1) Do the operational test as follows:

NOTE: There is a delay of 4 to 5 seconds between the locking of the door and the indications shown on the EICAS display.

- (a) Open the rear electronic-compartment access hatch and monitor the indication on the EICAS display.

Result:

- 1 The EICAS display shows this caution message:

- ACCESS DOORS OPN.

The MFD shows these indications:

- DOOR OPEN (in red).

- A red square that shows the rear electronic-compartment access hatch.

- (b) Push the caution microswitch S7243, installed at the rear fuselage, and monitor the EICAS display.

Result:

- 1 On the EICAS display, the message below goes out of view:

- ACCESS DOORS OPN.

On the MFD, the indications below go out of view:

- DOOR OPEN.

- The red square that shows the rear electronic-compartment access hatch becomes green.

- (c) Release the caution microswitch S7243, and monitor the EICAS display.

Result:

- 1 The EICAS display shows this caution message:

- ACCESS DOORS OPN.

The MFD shows these indications:

- DOOR OPEN (in red.)

- A red square that shows the rear electronic-compartment access hatch.

K. Follow-on

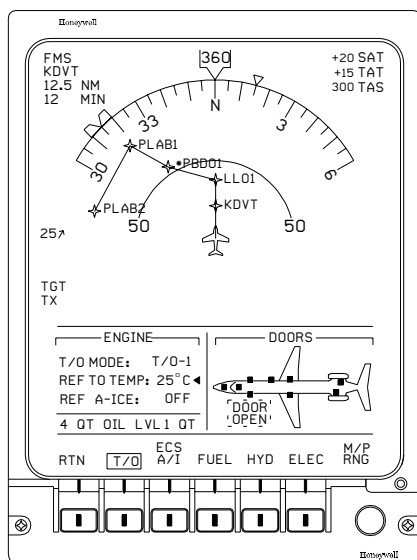
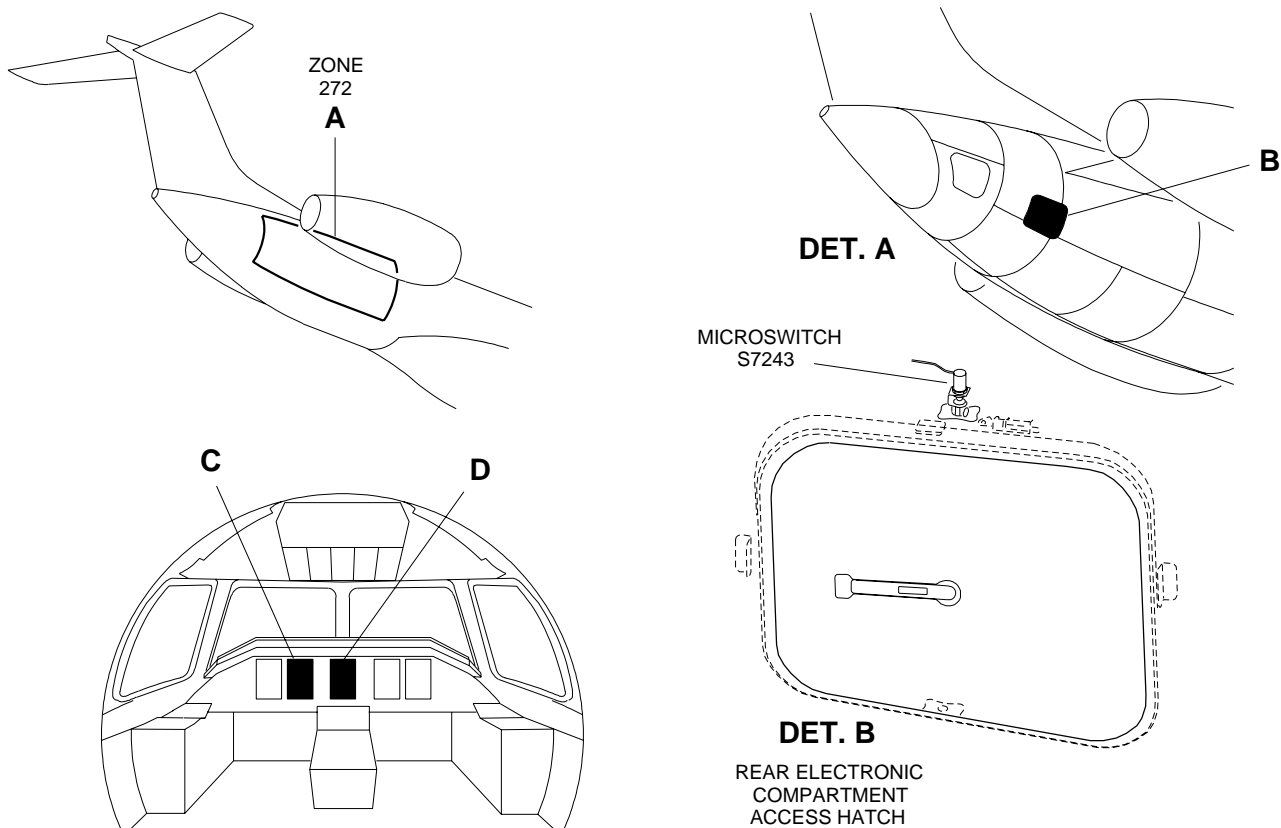
SUBTASK 842-002-A

- (1) Disconnect the ramp interphone ([AMM SDS 23-41-00/1](#)).
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

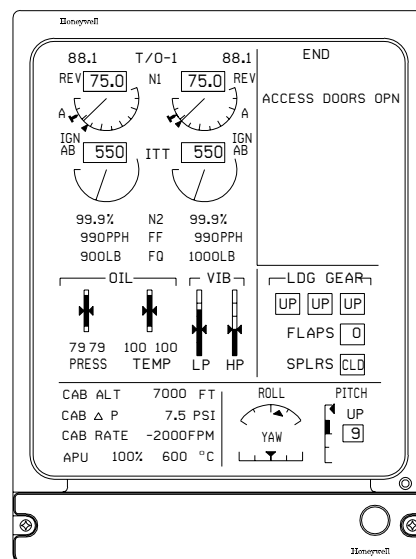
EFFECTIVITY: ALL

Rear Electronic-Compartment Access-Hatch Caution Microswitch

Figure 501



DET. C



DET. D

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