



AIRCRAFT
MAINTENANCE MANUAL

FORWARD ELECTRONIC-COMPARTMENT-DOOR WARNING - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a check of the forward electronic-compartment-door warning message.
- 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 |
|----------------------|---|-------------|
| 52-71-00-700-801-A ♦ | FORWARD ELECTRONIC-COMPARTMENT-DOOR WARNING - OPERATIONAL CHECK | ALL |



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 52-71-00-700-801-A

EFFECTIVITY: ALL

2. FORWARD ELECTRONIC-COMPARTMENT-DOOR WARNING - OPERATIONAL CHECK

A. General

- (1) The function of this check is to make sure that the warning message related to the forward electronic compartment door is shown on the EICAS display.

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 |
|------|------------|-------------------------------------|
| 113 | | Forward electronic compartment door |
| 114 | | Forward electronic compartment door |

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 | Below the forward fuselage |
| 1 | Helps the other technician | Does the check of the EICAS display in the cockpit |

I. Preparation

SUBTASK 841-002-A

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



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- Rear - Electronic - Compartment Access Hatch
- Service Door
- Baggage Door
- Fueling Panel Door
- Passenger - Cabin Escape Hatches
- Main Door

J. Operationally Check Forward Electronic-Compartment-Door Warning Message ([Figure 501](#))

SUBTASK 710-002-A

- (1) Do the operational check 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) Fully close the forward electronic compartment door and, before it locks, 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 forward electronic compartment door.

- (b) Lock the forward electronic compartment door and monitor the EICAS display.

Result:

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

- ACCESS DOORS OPN.

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

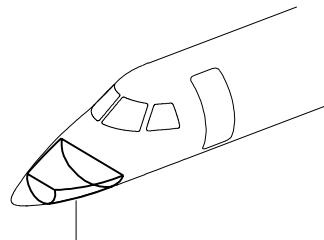
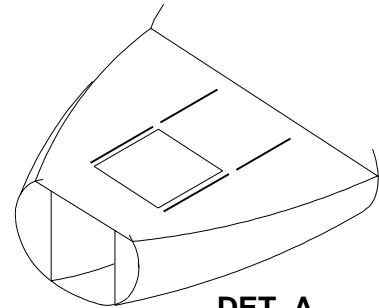
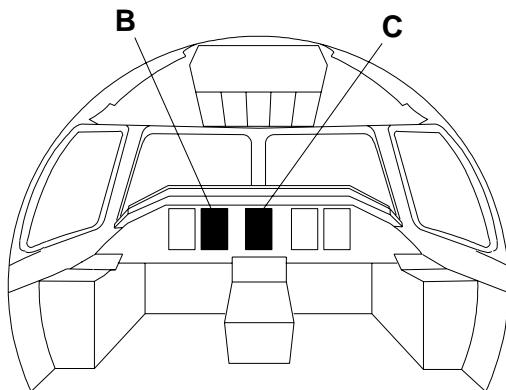
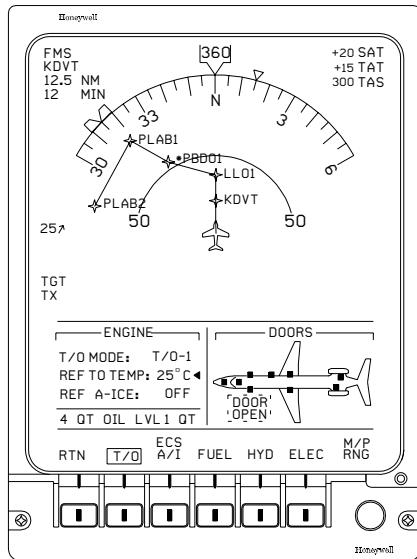
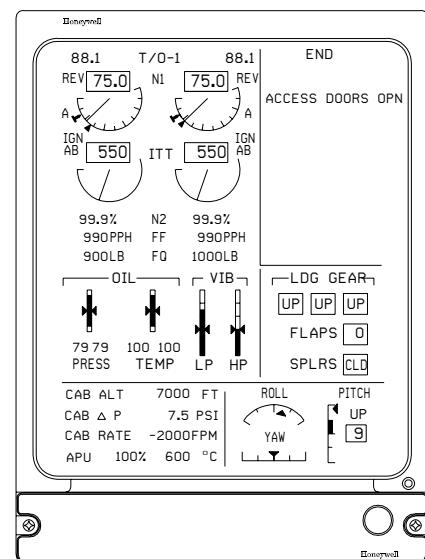
- DOOR OPEN.

- The red square that shows the forward electronic compartment door becomes green.

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
Forward Electronic Compartment Door
Figure 501

A
ZONES
113
114

DET. A

B **C**

DET. B

DET. C

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