



AIRCRAFT MAINTENANCE MANUAL

SERVICE DOOR WARNING - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a check of the service-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
52-74-00-700-801-A ♦	SERVICE DOOR WARNING MESSAGE - OPERATIONAL CHECK	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 52-74-00-700-801-A

EFFECTIVITY: ALL

2. SERVICE DOOR WARNING MESSAGE - OPERATIONAL CHECK

A. General

- (1) The function of this check is to make sure that the warning message related to the service 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
821		Service 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	In the passenger cabin
1	Helps the other technician	Does the check of the EICAS display in the cockpit

I. Preparation

SUBTASK 841-002-A

WARNING: MAKE SURE THAT THE SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3 AND PITOT 2 - TAT 2/AOA 2), PUSHBUTTONS ON THE OVERHEAD PANEL ARE SET TO OFF.

- (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
 - Rear Electronic-Compartment Access-Hatch
 - Cockpit-Underfloor Access-Hatch
 - Baggage Door
 - Fueling Panel Door
 - Passenger-Cabin Escape-Hatches
 - Main Door
- (4) Open the N2 SIGNAL 1A, 2A, 1B and 2B circuit breakers, on the circuit breaker panel.
- (5) Open the AIR/GND A, B, C and D circuit breakers, on the circuit breaker panel.

J. Operationally Check Service 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 hatch and the indications shown on the EICAS display.

- (a) Fully close the service door and, before you lock it, monitor the indication on the EICAS display.

Result:

- 1 The EICAS display shows the warning message:

- SERVICE DOOR OPN.

The MFD shows these indications:

- DOOR OPEN (in red).
- A red square that shows the service door.

- (b) Lock the service door and monitor the EICAS display.

Result:

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

- SERVICE DOOR OPN.

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

- DOOR OPEN.
- The red square that shows the service door becomes green.

K. Follow-on

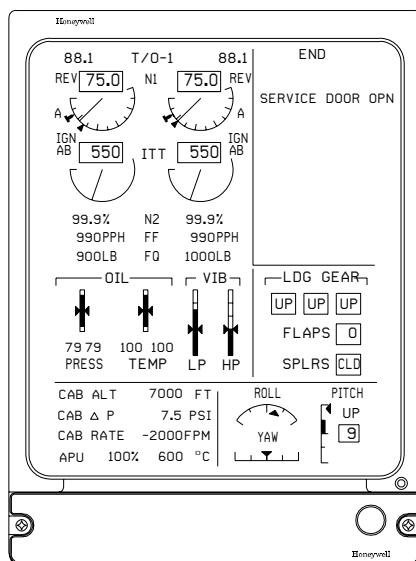
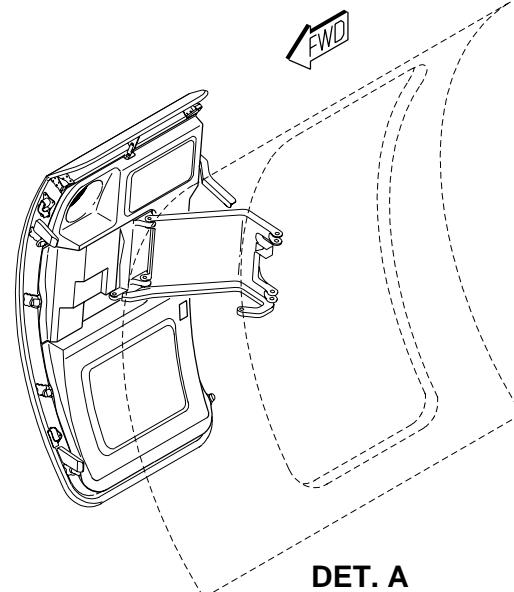
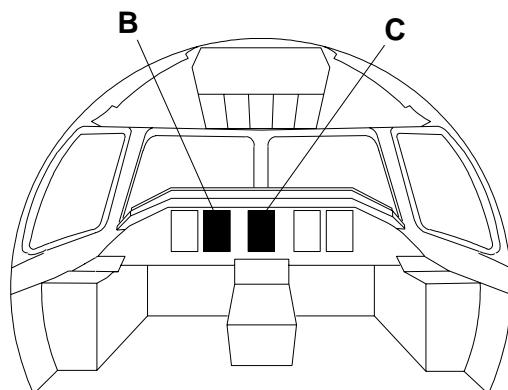
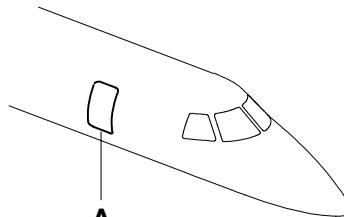
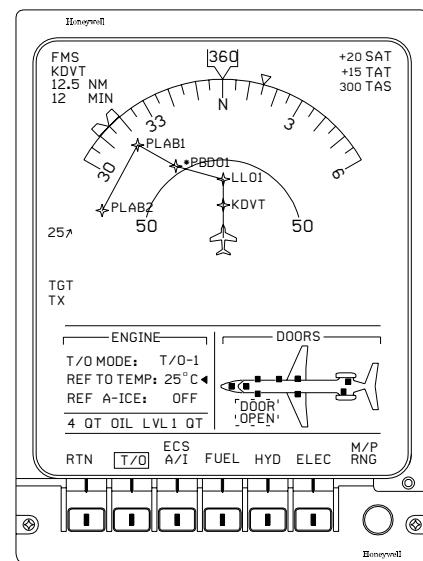
SUBTASK 842-002-A

- (1) Disconnect the ramp interphone ([AMM SDS 23-41-00/1](#)).
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) On the circuit breaker panel, close the N2 SIGNAL 1A, 2A, 1B, 2B, AIR/GND A, B, C, and D circuit breakers.

EFFECTIVITY: ALL

Service Door - Warning System

Figure 501


DET. C

DET. B

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