



AIRCRAFT
MAINTENANCE MANUAL

FUELING-CONTROL-PANEL&PRESSURE-REFUELING-ADAPTER ACCESS-DOOR WARNING -
ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an operational check of the caution message related to the fueling-control-panel and pressure-refueling-adapter access door.
- 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
52-78-00-700-801-A	FUELING CONTROL PANEL AND PRESSURE REFUELING ADAPTER ACCESS DOOR CAUTION MESSAGE - OPERATIONAL TEST	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 52-78-00-700-801-A

EFFECTIVITY: ALL

2. FUELING CONTROL PANEL AND PRESSURE REFUELING ADAPTER ACCESS DOOR CAUTION
MESSAGE - OPERATIONAL TEST

A. General

- (1) The function of this test is to make sure that the message related to the fueling-control-panel and pressure-refueling-adapter access-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
AMM TASK 28-41-00-200-801-A/600	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Cockpit
224		Cockpit
191	191BR	Fuel refueling 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	On the RH side of the forward lower fairing
1	Helps the other technician; does the check of the EICAS display	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Connect the ramp interphone to permit the communication between the technicians (AMM SDS 23-41-00/1).



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

- (2) Energize the aircraft with the external DC power supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Make sure that these doors are closed and locked:
 - Forward-Electronic-Compartment Door.
 - Cockpit-Underfloor Access Hatch.
 - Service Door.
 - Baggage Door.
 - Rear-Electronic-Compartment Access Hatch.
 - Passenger-Cabin Escape Hatches.
 - Main Door.

J. Operational Test - Caution Message ([Figure 501](#))

SUBTASK 710-002-A

- (1) 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.

- (2) 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) Fully close the access door of the fueling-control-panel and pressure-refueling-adapter compartment and, before it locks, monitor the indication on the EICAS display.

Result:

- 1 The EICAS display shows this caution message:

- FUELING DOOR OPN.

The MFD shows these indications:

- DOOR OPEN (in red).

- A red square that shows the access door of the fueling-control-panel and pressure-refueling-adapter compartment.

- (b) Lock the access door of the fueling-control-panel and pressure-refueling-adapter compartment and monitor the EICAS display.

Result:

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

- FUELING DOOR OPN.

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

- DOOR OPEN (in red).

- The red square that shows the access door of the fueling-control-panel and pressure-refueling-adapter compartment becomes green.



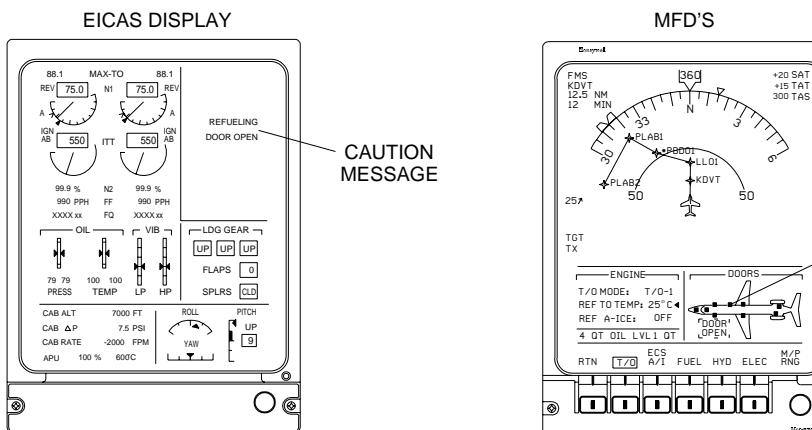
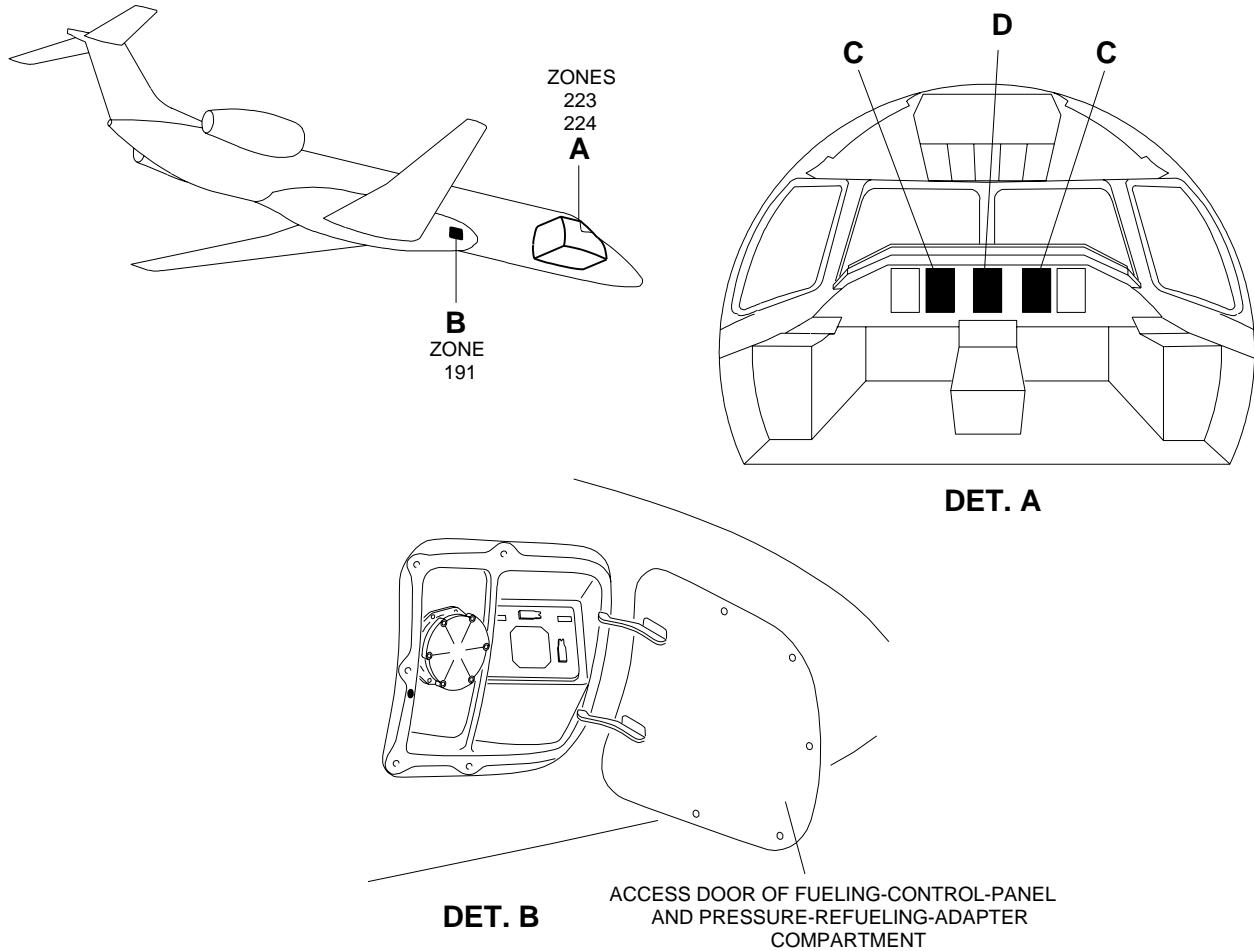
AIRCRAFT MAINTENANCE MANUAL

K. Follow-on

SUBTASK 842-002-A

- (1) Disconnect the ramp interphone ([AMM SDS 23-41-00/1](#)).
- (2) Remove the external DC power supply ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

Access Door of Fueling-Control-Panel and Pressure-Refueling-Adapter Compartment - Operational Test
Figure 501

DET. D
DET. C

(TYP.)

145AMM520147.MCE A

