

## ELECTRICAL FUEL QUANTITY INDICATING - ADJUSTMENT/TEST

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to do a check on the electrical fuel quantity indicating system (Fuel low level logic).
- 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
28-41-00-700-801-A ◆	ELECTRICAL FUEL QUANTITY - OPERATIONAL CHECK	ALL

TASK 28-41-00-700-801-A

EFFECTIVITY: ALL

## 2. ELECTRICAL FUEL QUANTITY - OPERATIONAL CHECK

### A. General

- (1) The function of this task is to do a check of the fuel low level logic and its messages on the EICAS.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 06-41-03/100</a>	- COMPONENT LOCATION
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223LZ	Cockpit

### 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	Cockpit

### I. Preparation

#### SUBTASK 841-002-A

- (1) Energize the aircraft with External DC Power Supply ( [AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Open access door 223LZ ( [AMM MPP 06-41-03/100](#)) to get access to the maintenance panel.

### J. Operationally Check Electrical Fuel Quantity Indicating System (Fuel Low Level Logic) ([Figure 501](#))

#### SUBTASK 710-002-A

- (1) Set the fuel page on the MFD.

- (a) Move the “FUEL QTY IND” toggle switch on the maintenance panel.

Result:

- 1 The EICAS display shows these messages and indications:

- FUEL 1 - 2 LO LEVEL (WARNING).
- TANK 1 - 2 shows 1130 kg ± 10 kg (2500 lb).

- 2 The MFD shows these indications:

- TANK 1 - 1130 kg ± 10 kg (2500 lb).
- TANK 2 - 1130 kg ± 10 kg (2500 lb).
- TOTAL - 2260 kg (5000 lb).

- 3 The Warning lights flash.

- 4 The Aural warning operates (Bell).

NOTE: After 10 seconds, the indications above go back to the normal condition.

- (2) Press one of the master warning lights to stop the lights.

K. Follow-on

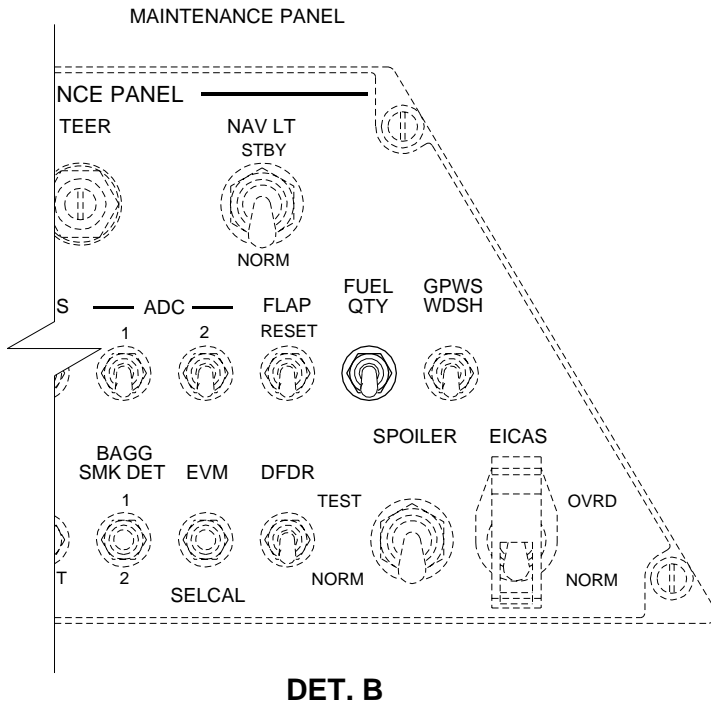
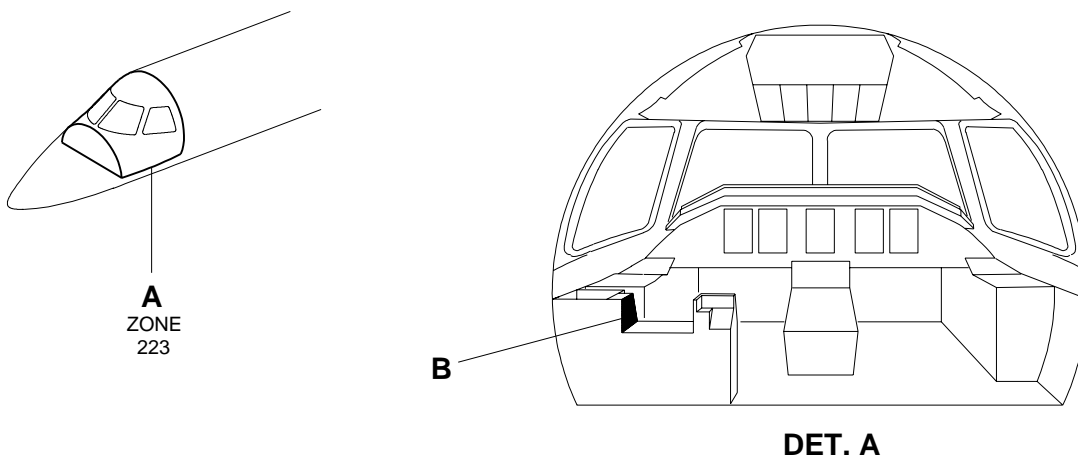
*SUBTASK 842-002-A*

- (1) Deenergize the aircraft ( [AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Close access door 223LZ ( [AMM MPP 06-41-03/100](#)).

EFFECTIVITY: ALL

Electrical Fuel Quantity Indicating System - Component Locations

Figure 501 - Sheet 1

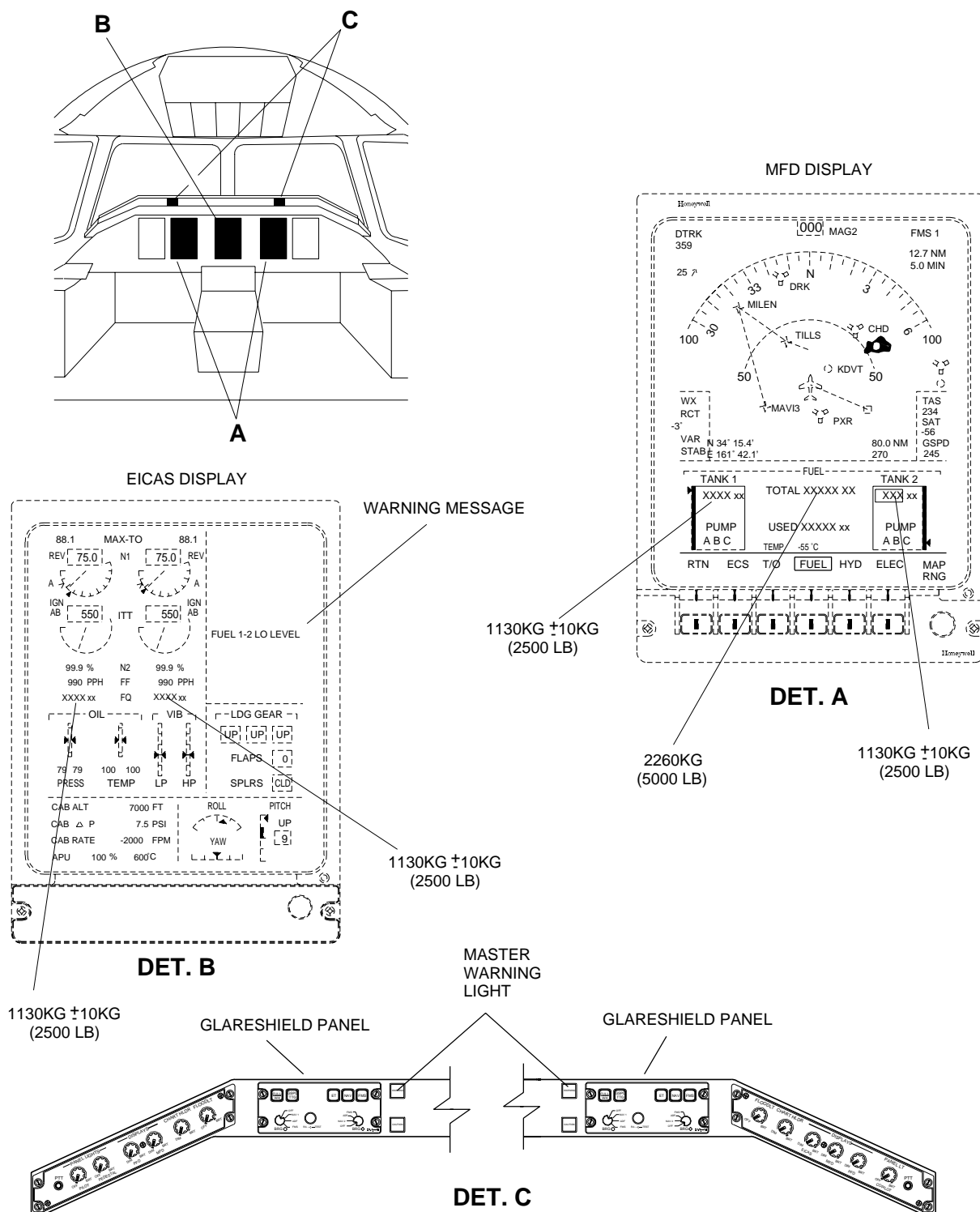


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**EFFECTIVITY: ALL**

**Electrical Fuel Quantity Indicating System - Component Locations**

**Figure 501 - Sheet 2**



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