

FUEL LOW LEVEL WARNING - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the check of the fuel low level warning system.
- 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 |
|----------------------|---|-------------|
| 28-44-00-700-801-A ◆ | FUEL LOW LEVEL WARNING SYSTEM - FUNCTIONAL CHECK | ALL |

TASK 28-44-00-700-801-A

EFFECTIVITY: ALL

2. FUEL LOW LEVEL WARNING SYSTEM - FUNCTIONAL CHECK

A. General

(1) This task is applicable to the LH and RH fuel tanks.

B. References

| REFERENCE | DESIGNATION |
|---|--|
| AMM TASK 08-20-00-500-801-A/200 | AIRCRAFT LEVELING IN THE PASSENGER CABIN |
| AMM TASK 12-11-01-600-801-A/300 | FUEL-TANK PRESSURE REFUELING - SERVICING |
| AMM TASK 12-11-01-600-802-A/300 | FUEL-TANK PRESSURE DEFUELING - SERVICING |
| AMM TASK 20-40-01-860-801-A/200 | ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE |
| AMM TASK 28-10-00-910-801-A/200 | WING-TO-WING FUEL TRANSFER |

C. Zones and Accesses

Not Applicable

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) Level the aircraft ([AMM TASK 08-20-00-500-801-A/200](#)).

NOTE: It is not necessary to do this step if the aircraft is laterally leveled with roll angles between -1° to +1° and pitch angles between -2° to +2°.

(2) Energize the aircraft with External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Functionally Check Low Level Warning System ([Figure 501](#))

SUBTASK 720-002-A

- (1) Defuel the applicable fuel tank (wing 1 or wing 2) ([AMM TASK 12-11-01-600-802-A/300](#)) until the fuel quantity reaches 300 kg (660 lb).
- (a) Do a wing-to-wing fuel transfer ([AMM TASK 28-10-00-910-801-A/200](#)) in 30-second interval steps of 10 kg (20 lb) until the FUEL LO LEVEL 1 (2) warning message comes into view on the EICAS.

Result:

- 1 The fuel quantity shows in the MFD display at fuel page should be 240 kg \pm 30 kg (530 lb \pm 70 lb).
 - 2 The master warning lights blink.
 - 3 Aural warning sounds (Bell).
- (2) Press one off the master warning lights to cancel the lights blink.

K. Follow-on

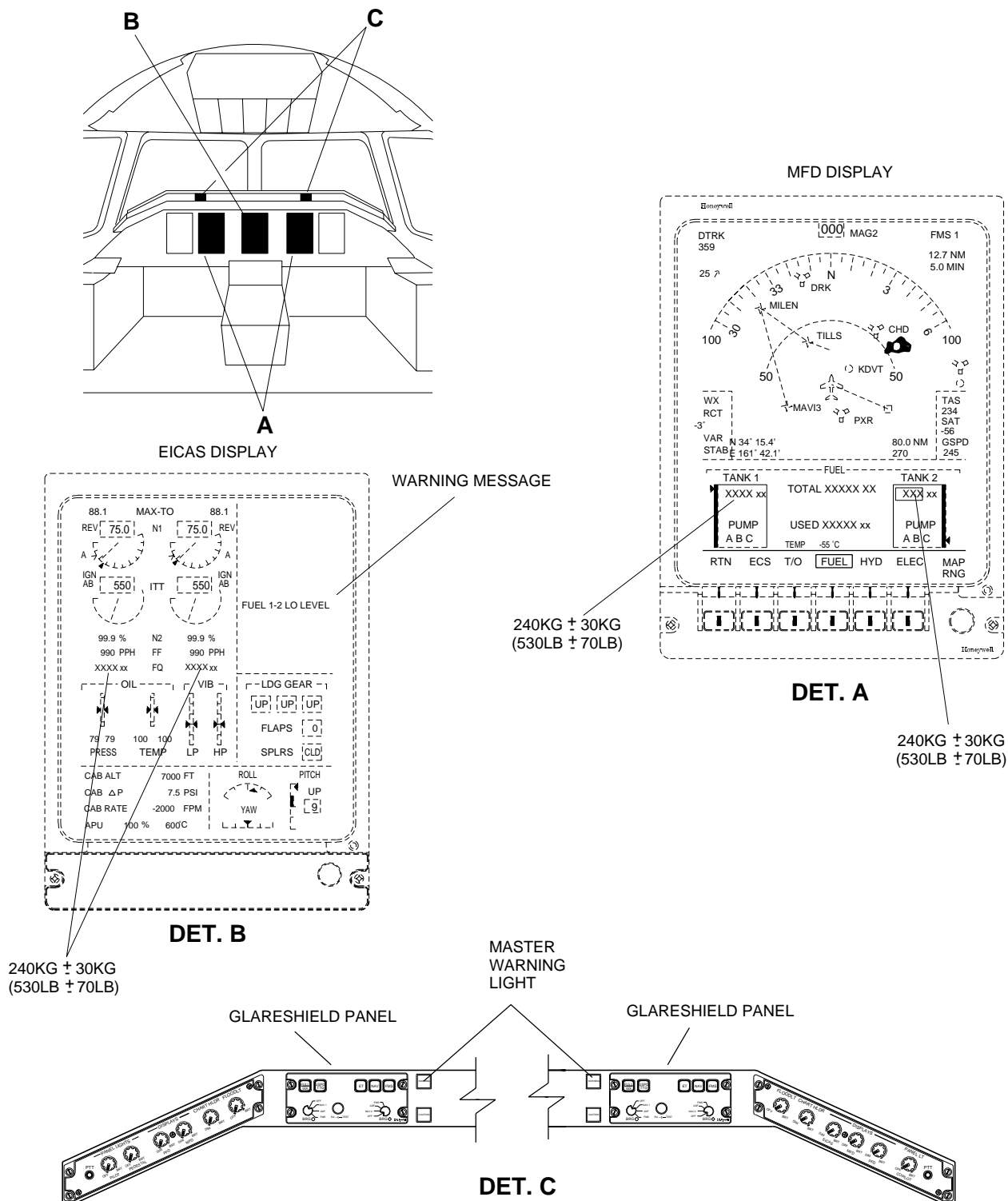
SUBTASK 842-002-A

- (1) Refuel the tanks ([AMM TASK 12-11-01-600-801-A/300](#)) as applicable.
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

Fuel Low Level Warning System - Indication

Figure 501



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