



AIRCRAFT MAINTENANCE MANUAL

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



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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

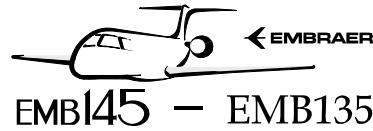
I. Preparation

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 $+1^{\circ}$ and pitch angles between -2° to $+2^{\circ}$.

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



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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 ± 30 kg (530 lb ± 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

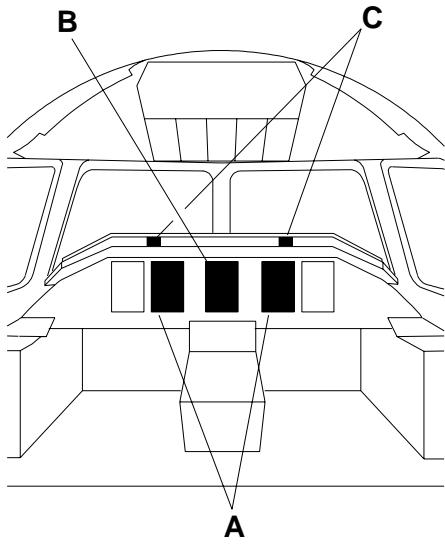
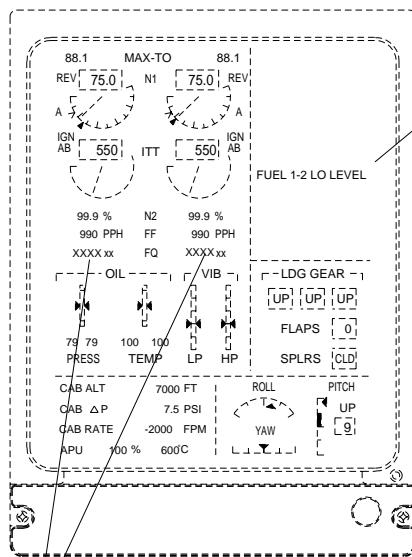
SUBTASK 842-002-A

- (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

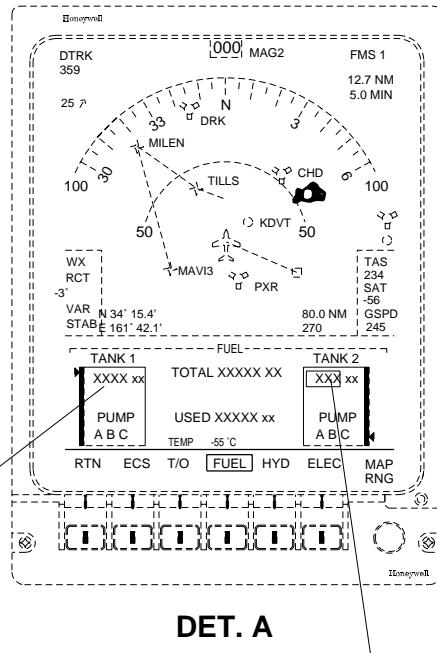
Figure 501

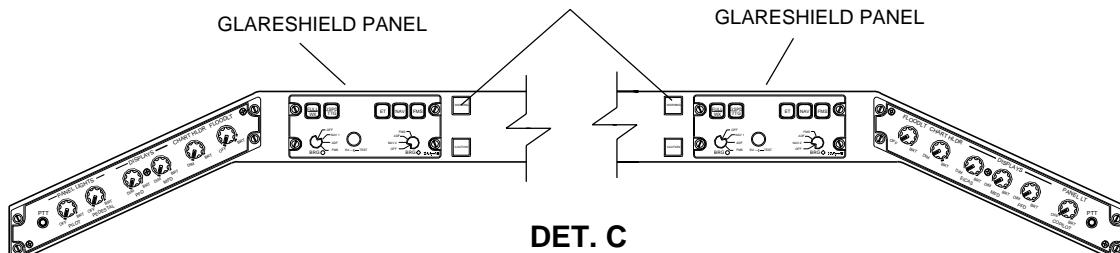

EICAS DISPLAY

DET. B

 240KG ± 30KG
 (530LB ± 70LB)

WARNING MESSAGE

 240KG ± 30KG
 (530LB ± 70LB)

MFD DISPLAY

 240KG ± 30KG
 (530LB ± 70LB)

**MASTER
WARNING
LIGHT**

DET. C