

ATA AIRLINES, INC.

OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM

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CHECK BEING PERFORMED: Custom

ZONES: 200 600
A/C NUMBER:
REV. DATE: 01/23/06
FREQUENCY: 1C

W/C NUMBER: 321F2801 DATE:

PANELS

621GB

REFERENCES

FIGURES 1 THROUGH 4, AMM 24-22-00, FIM 28-41-00

MECH INSP

MPD ITEM: 28-080-00

OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM.

1. Operational Test - Fuel Quantity Indicating System

_____ XXXXX A. Prepare for Checks

- (1) Do this task: Supply Electrical Power (AMM TASK 24-22-00-860-811 p201).

_____ XXXXX B. Check of the Load Select Indicators (Figures 1 and 2).

- (1) Open the Refuel Access Panel - Slat Station 143.27, 621GB.
- (2) Make sure the display on each load select indicator shows the quantity of fuel in each fuel tank.
- (3) Select and hold the FUELING INDICATION TEST SWITCH on the refuel control panel in the TEST GAGES position.
 - (a) Make sure all of the fueling quantity indicators operate correctly.

NOTE: The test blanks the fueling indicators display for two seconds, then all LED segments go on for two seconds. This sequence continues as long as you hold the TEST SWITCH. If you hold the TEST SWITCH for more than 20 seconds, the test mode will time out and the indicator will go back to its usual operating mode. If an internal fault is found during the test, the indicator will show Ind FAIL.

REVISION DATE: 01/23/06

ATA AIRLINES, INC. B737-800 FLEET

W/C #: 321F2801

DATE WORK CARD COMPLETE ___/___/___

- (b) Release the FUELING INDICATION TEST SWITCH.
- (4) Make sure the display on each load select indicator shows the quantity of fuel in each fuel tank.
- (5) Close the Refuel Access Panel - Slat Station 143.27, 621GB.

_____ XXXXX C. Fuel Quantity BITE Test Procedure (Figures 3 and 4).

- (1) Do the BITE procedure for the FQIS
 - (a) If you are not at the CDU Initial Reference Index (INIT/REF INDEX), or one of the FQIS BITE menus, then do these steps:
 - 1) Push the INIT REF function key.
 - 2) If the POS INIT display shows, then push the line select key next to the INDEX prompt.

NOTE: This makes the CDU Initial Reference Index (INIT/REF INDEX) show.
 - (b) On the Control Display Unit (CDU), push the line select key next to the MAINT prompt on the CDU Initial Reference Index.

NOTE: This brings you to the MAINT BITE INDEX.
 - (c) Push the line select key next to the FQIS prompt.
 - (d) Do these steps to look for maintenance messages in CURRENT STATUS:
 - 1) Push the line select key next to the CURRENT STATUS prompt.
 - 2) If there are faults shown, do the

the FQIS.

NOTE: If faults show in CURRENT STATUS, then keep a record of the faults for later fault isolation of intermittent faults. The corrective action given for each fault found in CURRENT FAULTS can also be used to correct intermittent faults that occur frequently.

4) If the display shows GROUND TEST COMPLETE FAIL, then do the corrective action for the faults shown (FIM 28-41 TASK 801).

a) If there is more than one page of faults in GROUND TEST FAULTS, then use the NEXT PAGE key and the PREV PAGE key to see all of the maintenance messages.

NOTE: The number of pages of faults in GROUND TEST FAULTS are shown in the upper right corner of the display.

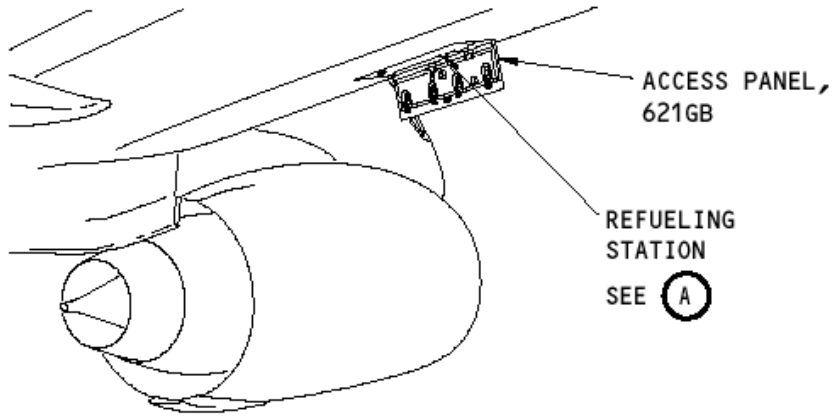
_____ XXXXX D. Put the Airplane Back to Its Usual Condition

(1) If electrical power is not necessary for other tasks, do this task:

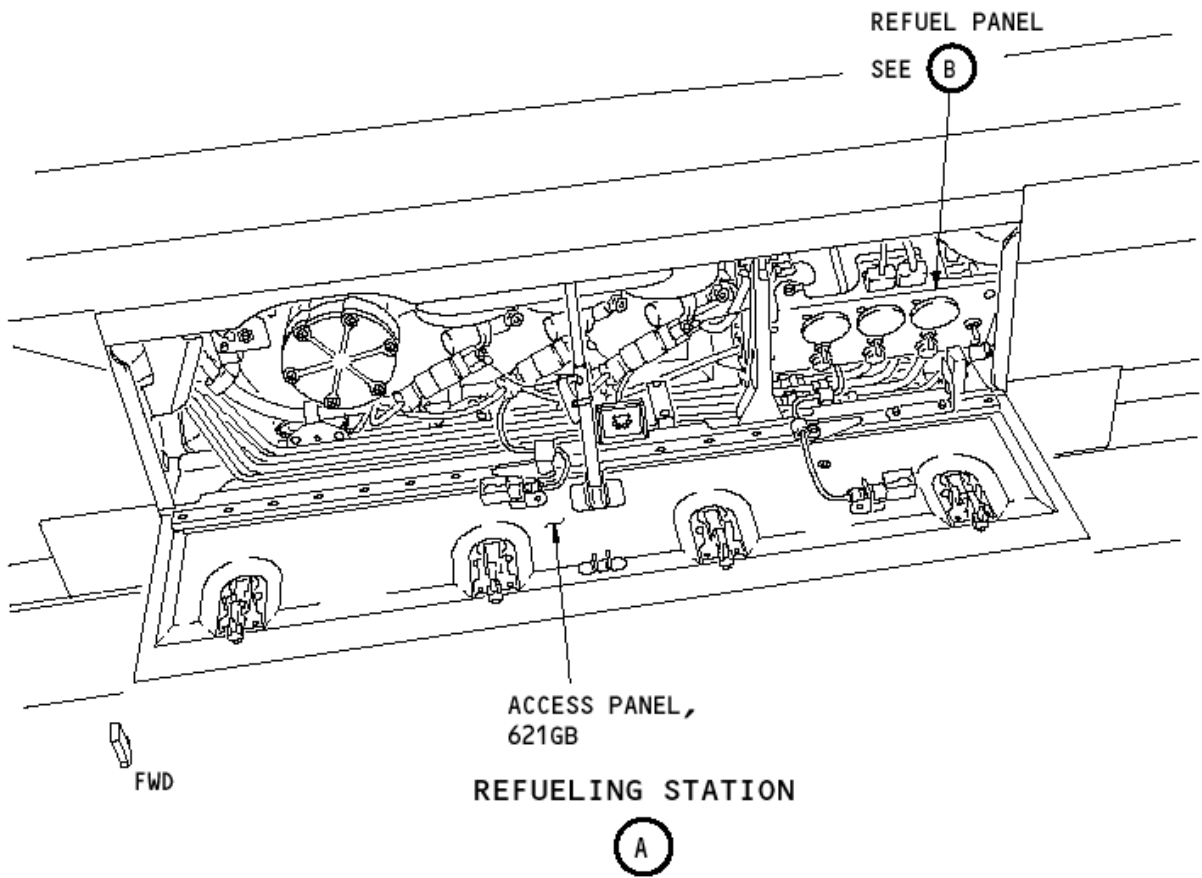
Remove Electrical Power

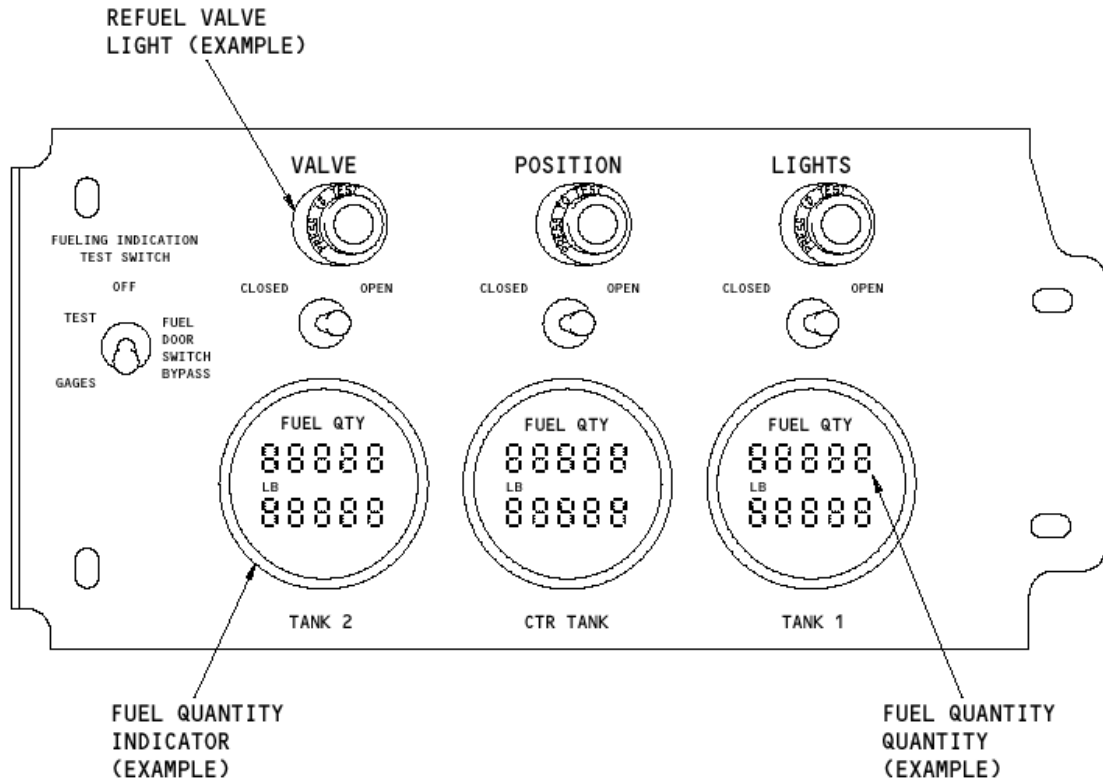
(AMM TASK 24-22-00-860-812 p201).

*****END OF WORKCARD*****



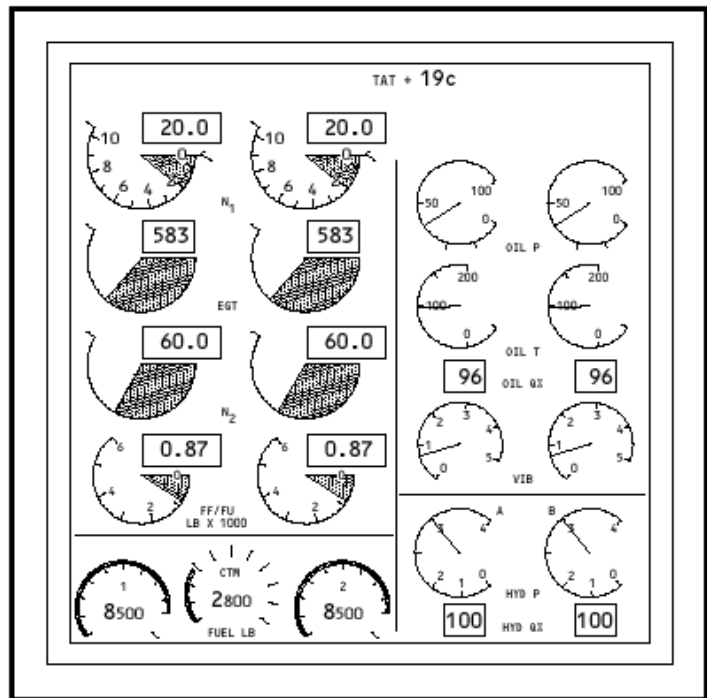
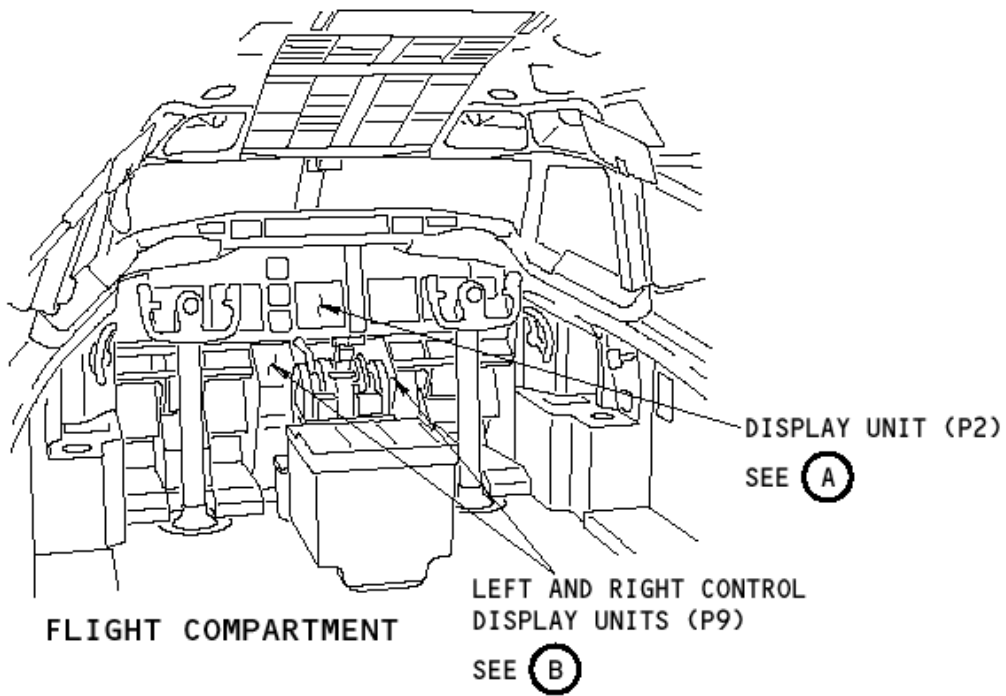
RIGHT WING





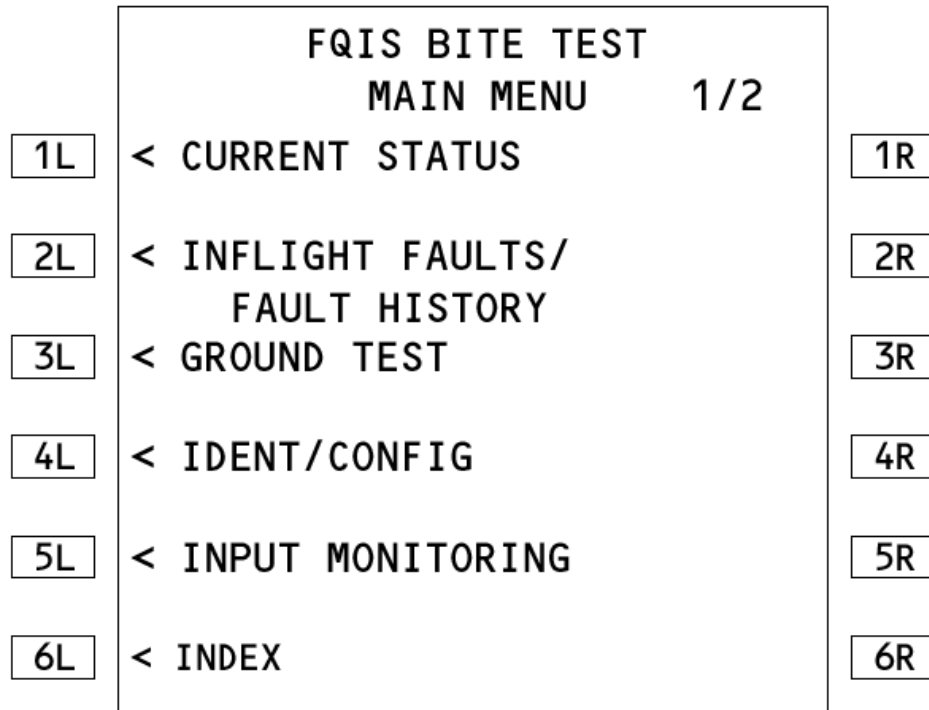
REFUEL PANEL

(B)



DISPLAY UNIT (P2)

(A)



NEXT PREV

CONTROL DISPLAY UNIT (P9)

