

# ATA AIRLINES, INC.

WING/BODY DUCT LEAK DETECTION SYSTEM

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CHECK BEING PERFORMED: Custom

ZONES: 212  
A/C NUMBER:  
REV. DATE: 09/24/04  
FREQUENCY: 1A

W/C NUMBER: 221M2601      DATE:  
W/O:  
JAC CODE:

## REFERENCES

1

MECH      INSP

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OPERATIONALLY CHECK WING AND BODY DUCT LEAK DETECTION SYSTEM WITH TEST SWITCH.

1. Operational Test - Wing and Body Duct Leak Detection (Fig. 1).

A. References.

- (1) 24-22-00/201, Electrical Power - Control.
- (2) 31-41-00/501, EICAS.

B. Access.

- (1) Location Zone.
  - (a) 100 Lower Half of Fuselage.
  - (b) 120 Main Equipment Center (Right).
  - (c) 212 Control Cabin (Right).
  - (d) 530/630 Wing Area (right & Left).
- (2) Access Panel.
  - (a) 119BL Main Equipment Center.

C. Test Wing and Body Duct Leak Detection System (Fig. 1).

- \_\_\_\_\_ XXXXX (1) Supply electrical power to BUS R and BUS L AC bus and BUS R 28V DC (Ref 24-22-00).
- \_\_\_\_\_ XXXXX (2) Make sure these circuit breakers on the overhead circuit breaker panel, P11, are closed.
  - (a) 11Q26, DUCT LEAK CONT.

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REVISION DATE: 09/24/04

ATA AIRLINES, INC. B757 FLEET

W/C #: 221M2601

DATE WORK CARD COMPLETE \_\_\_/\_\_\_/\_\_\_

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M2601 (continued)

MECH: INSP:

(b) 11Q17, DUCT LEAK LEFT.

(c) 11Q25, DUCT LEAK RIGHT.

|\_\_\_\_\_ XXXXX (3) Do the engine shutdown input removal procedure (Ref 31-41-00).

NOTE: Master CAUTION, cowl aural, and a number of engine messages are inhibited when engines do not operate.

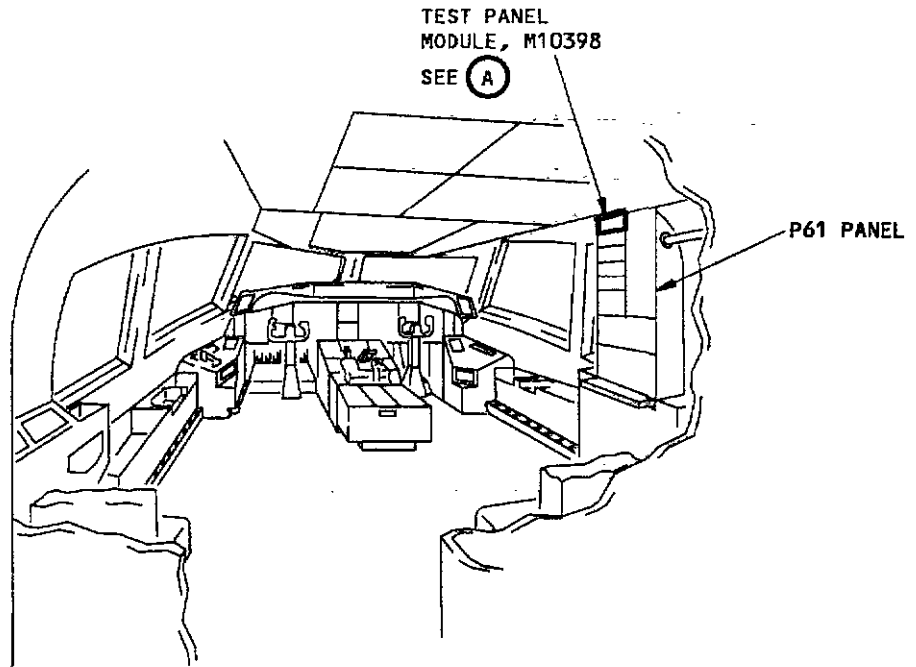
\_\_\_\_\_ XXXXX (4) Hold the DUCT LEAK/FUEL QTY switch on the miscellaneous test panel on the P61 panel in the DUCT LEAK position.

\_\_\_\_\_ XXXXX (5) Make sure these warnings occur:  
(a) The yellow DUCT LEAK lights on the bleed air supply panel on the P5 panel come on (2 places).  
(b) The yellow L and R BLD DUCT LEAK messages are shown on the EICAS displays.  
(c) The yellow master CAUTION lights on the P7 panel come on.  
(d) The cowl aural warning is heard.

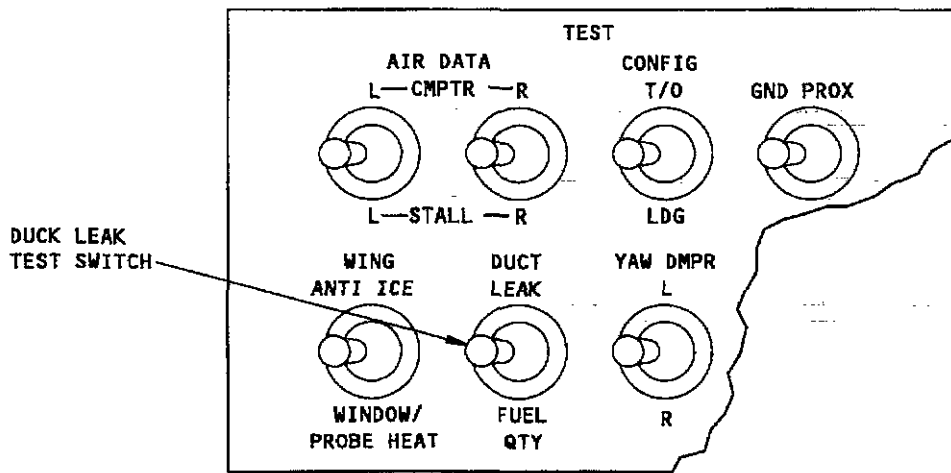
\_\_\_\_\_ XXXXX (6) Release the switch and make sure the warnings go off.

\_\_\_\_\_ XXXXX (7) Remove electrical power if it is not necessary (Ref 24-22-00).

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



FLIGHT COMPARTMENT



TEST PANEL MODULE, M10398

(A)

Duct Leak Detection - Component Location