

ATA AIRLINES, INC.

TAKEOFF CONFIGURATION WARNING SYSTEM TEST

PAGE 1 / 4

CHECK BEING PERFORMED: Custom

ZONES: 210
A/C NUMBER:
REV. DATE: 09/21/04
FREQUENCY: 1A

W/C NUMBER: 221M3102 DATE:
W/O:
JAC CODE:

REFERENCES

AMM 24-22-00, 27-41-00, 27-48-00, 27-51-00, 27-62-00, 27-81-00, 29-11-00,
31-41-00, 32-44-00

MECH INSP

TAKEOFF CONFIGURATION WARNING SYSTEM TEST

Alert SB 757-31A0102
Alert SB 757-31A0103

_____ XXXXX 1. PERFORM A TAKEOFF CONFIGURATION WARNING SYSTEM TEST.

- A. Apply electrical power to the airplane (AMM 24-22-00).
- B. In the flight compartment, at the P11 overhead panel,
 make sure these circuit breakers are closed.

- (1) B16 SPEAKER, AURAL WARN
- (2) B18 WARN ELEX B
- (3) H35 SPEAKER, AURAL WARN
- (4) J33 WARN ELEX A
- (5) J2 EICAS COMPTR LEFT
- (6) J3 EICAS UPPER IND
- (7) J29 EICAS COMPTR RIGHT
- (8) J30 EICAS LOWER IND
- (9) J31 EICAS DSPL SW
- (10) J32 EICAS DSPL SELECT

- C. Make sure the EICAS is serviceable (AMM 31-41-00).
- D. At the P10 control stand, make sure the Parking Brake
 Light is on (AMM 32-44-00).

REVISION DATE: 09/21/04

ATA AIRLINES, INC. B757 FLEET

W/C #: 221M3102

DATE WORK CARD COMPLETE ___/___/___

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3102 (continued)

MECH: INSP:

-
- E. If the Parking Brake Light is off, engage the parking brakes (AMM 32-44-00).

WARNING: KEEP PERSONS AND EQUIPMENT CLEAR OF THE FLAPS, SLATS AND SPOILERS DURING THIS TEST. THESE FLIGHT CONTROL COMPONENTS CAN MOVE SUDDENLY IF THERE IS HYDRAULIC POWER. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

- F. At the P10 control stand, make sure the Flap Lever is set at the FLAP UP position (AMM 27-51-00).
- G. At the P3 instrument panel, on the Flap/Slat Indicator, make sure the left and right flap and slat indicators are in the UP positions (AMM 27-51-00 and AMM 27-81-00).
- H. Do these steps if the flaps and slats are not in the up or retracted positions.
- (1) Pressurize the left, right and center hydraulic systems (AMM 29-11-00).
 - (2) At the P10 control stand, put the Flap/Slat control Lever in the UP position (AMM 27-51-00 and AMM 27-81-00).
 - (3) At the P3 instrument panel, on the Flap/Slat Indicator, make sure the left and right flap and slat indicators are in the UP position (AMM 27-51-00 and AMM 27-81-00).
- I. At the P10 control stand, put the Speed Brake Lever in the ARMED position (AMM 27-62-00).
- J. At the P10 control stand, on the Stabilizer Position Indicator, make sure the trim indicating tape is between the 8 and 14 units of trim (AMM 27-48-00).
- K. Do these steps if the trim indicating tape is not between the 8 and 14 units of trim.
- (1) Pressurize the left, right and center hydraulic systems if not pressurized (AMM 29-11-00).

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3102 (continued)

MECH: INSP:

-
- (2) At the pilot's control wheel, press the Stabilizer Trim Switch to move the stabilizers (AMM 27-41-00).
- (3) At the P10 control stand, on the Stabilizer Position Indicator, monitor the movement of the trim indicating tape (AMM 27-48-00).
- (4) At the pilot's control wheel, release the Stabilizer Trim Switch when the indicating tape is between 8 and 14 units of trim (AMM 27-48-00).
- L. At the P61 panel, on the EICAS maintenance panel, push the EICAS Test Switch (AMM 31-41-00).
- Note: This step initiates the EICAS self test which lasts approximately 5 to 7 seconds.
- M. At the P1 instrument panel, make sure the red CONFIG Light comes on (AMM 31-51-00).
- N. At the P7 glare shield panel, make sure the red Master Warning Lights come on (AMM 31-51-00).
- O. At the overhead speakers, make sure the siren aural warning comes on (AMM 31-51-00).
- P. When the siren aural warning, the red CONFIG and the Master Warning Lights came on, at the EICAS maintenance panel, push the EICAS Test Switch again (AMM 31-41-00).
- Note: This step returns the EICAS from the self test mode to the normal display mode. The EICAS warning messages may not come on if you wait more than approximately 10 seconds before you push the EICAS Test Switch.
- Q. At the main instrument panel, on the top EICAS display unit, make sure these four messages come on in red color:
- (1) SPOILERS
- (2) FLAPS

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3102 (continued)

MECH: INSP:

(3) PARKING BRAKE

(4) STABILIZER

- R. At the pilot's control wheel, press the Stabilizer Trim Switch to move the stabilizers to the initial position as necessary (AMM 27-41-00).
- S. Depressurize the left, right and center hydraulic systems if they are pressurized (AMM 29-11-00).
- T. At the P10 control stand, put the Speed Brake Lever in the DOWN position (AMM 27-62-00).
- U. Do the EICAS maintenance message erase procedure as necessary (AMM 31-41-00).
- V. Remove electrical power from the airplane (AMM 24-22-00), if no longer required.
- W. If the test result is satisfactory, ignore the subsequent step and continue on Step 2.
- X. If the test result is not satisfactory, generate logbook item or nonroutine to troubleshoot and repair the Takeoff Configuration Warning System.

(1) Do the takeoff warning test again.

_____ XXXXX 2. PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION.

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