

ATA AIRLINES, INC.

ALTERNATE STAB TRIM SYSTEM

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CHECK BEING PERFORMED: Custom

ZONES: 211
A/C NUMBER:
REV. DATE: 04/21/99
FREQUENCY: 1C

W/C NUMBER: 221M2708 DATE:
W/O:
JAC CODE:

REFERENCES

1

MECH INSP

OPERATIONALLY CHECK THE HORIZONTAL STABILIZER ALTERNATE ELECTRIC TRIM CONTROL SYSTEM.

NOTE: APPLICABLE TO AIRPLANES WITH ALTERNATE ELECTRICAL HORIZONTAL STABILIZER TRIM SYSTEM (LINE NO. 326 & ON)

1 AIRPLANES WITH ALTERNATE STAB TRIM SWITCHES ON THE CONTROL STAND;

NOTE: Horizontal Stabilizer Alternate Electric Trim System - Operational Check

A General

1 The operational check of the stabilizer alternate electric trim system is done without the use of ground support equipment. The test lets you monitor stabilizer alternate electric trim operation and makes sure the stabilizer has smooth and free movement.

B References

1 24-22-00/201, Electrical Power - Control
2 29-11-00/201, Main (Left, Right, and Center) Hydraulic Systems

C Access

1 Location Zones
211/212 Control Cabin

D Alternate-Electrical Operation Test

_____ XXXXX 1 Supply electrical power (Ref 24-22-00/201).

WARNING: KEEP PERSONS AND EQUIPMENT AWAY FROM ALL CONTROL SURFACES WHEN HYDRAULIC POWER IS SUPPLIED.

REVISION DATE: 04/21/99

ATA AIRLINES, INC. B757 FLEET

W/C #: 221M2708

DATE WORK CARD COMPLETE ___/___/___

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MECH: INSP:

AILERONS, ELEVATORS, RUDDER, FLAPS, SLATS, SPOILERS, AND STABILIZER ARE FULLY POWERED SURFACES. INJURY TO PERSONS OR DAMAGE TO EQUIPMENT CAN OCCUR WHEN HYDRAULIC POWER IS SUPPLIED.

- _____ XXXXX 2 Pressurize the right and center hydraulic systems (Ref 29-11-00/201).

- _____ XXXXX 3 Make sure that the L, R, and C FLT CONTROL SHUTOFF switches on the right side panel, P61, are ON.

- _____ XXXXX 4 Put the CENTER STAB TRIM SHUTOFF switch on the P10 panel to the CUTOUT position.

- _____ XXXXX 5 Make sure that the RIGHT STAB TRIM SHUTOFF switch on the P10 panel is at the NORM position.

- _____ XXXXX 6 Make sure this circuit breaker on the P11 panel is closed:
 - a 11B19, ALT STAB TRIM

- _____ XXXXX 7 Move the alternate stab trim switches forward (airplane nose down).
 - a Make sure the stabilizer moves in the airplane nose down direction (stabilizer leading edge up).

- _____ XXXXX 8 Put the RIGHT STAB TRIM SHUTOFF switch on the P10 panel to CUTOUT while the stabilizer moves.
 - a Make sure the stabilizer stops in one second.

- _____ XXXXX 9 Put the RIGHT STAB TRIM SHUTOFF switch on the P10 panel to the NORM position.
 - a Make sure the stabilizer starts to move in one second.

- _____ XXXXX 10 Release the alternate stab trim switches.

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-
- a Make sure the stabilizer stops.
- _____ XXXXX 11 Put the RIGHT STAB TRIM SHUTOFF switch on the P10 panel to the CUTOFF position.
- _____ XXXXX 12 Put the CENTER STAB TRIM SHUTOFF switch on the P10 panel to the NORM position.
- _____ XXXXX 13 Move the alternate stab trim switches aft (airplane nose up).
- a Make sure the stabilizer moves in the airplane nose up direction (stabilizer leading edge down).
- _____ XXXXX 14 Put the CENTER STAB TRIM SHUTOFF switch on the P10 panel to the CUTOFF position while the stabilizer moves.
- a Make sure the stabilizer stops in one second.
- _____ XXXXX 15 Put the CENTER STAB TRIM SHUTOFF switch on the P10 panel to the NORM position.
- a Make sure the stabilizer starts to move in one second.
- _____ XXXXX 16 Release the alternate stab trim switches.
- a Make sure the stabilizer stops.
- _____ XXXXX 17 Put the RIGHT STAB TRIM SHUTOFF switch on the P10 panel to the NORM position.
- _____ XXXXX 18 Move one of the two alternate stab trim switches forward while you keep the other switch in the neutral position.
- a Make sure the stabilizer does not move.
- _____ XXXXX 19 Move one of the two alternate stab trim switches aft while you keep the other switch in the neutral position.
- a Make sure the stabilizer does not move.
- _____ XXXXX 20 Move the two alternate stab trim switches in the opposite directions (one airplane nose up and the other

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airplane nose down).

_____ XXXXX 21 Move the two alternate stab trim switches to the opposite position. (one airplane nose down and the other airplane nose up).

a Make sure that the stabilizer does not move.

E Put the Airplane Back to its Usual Condition.

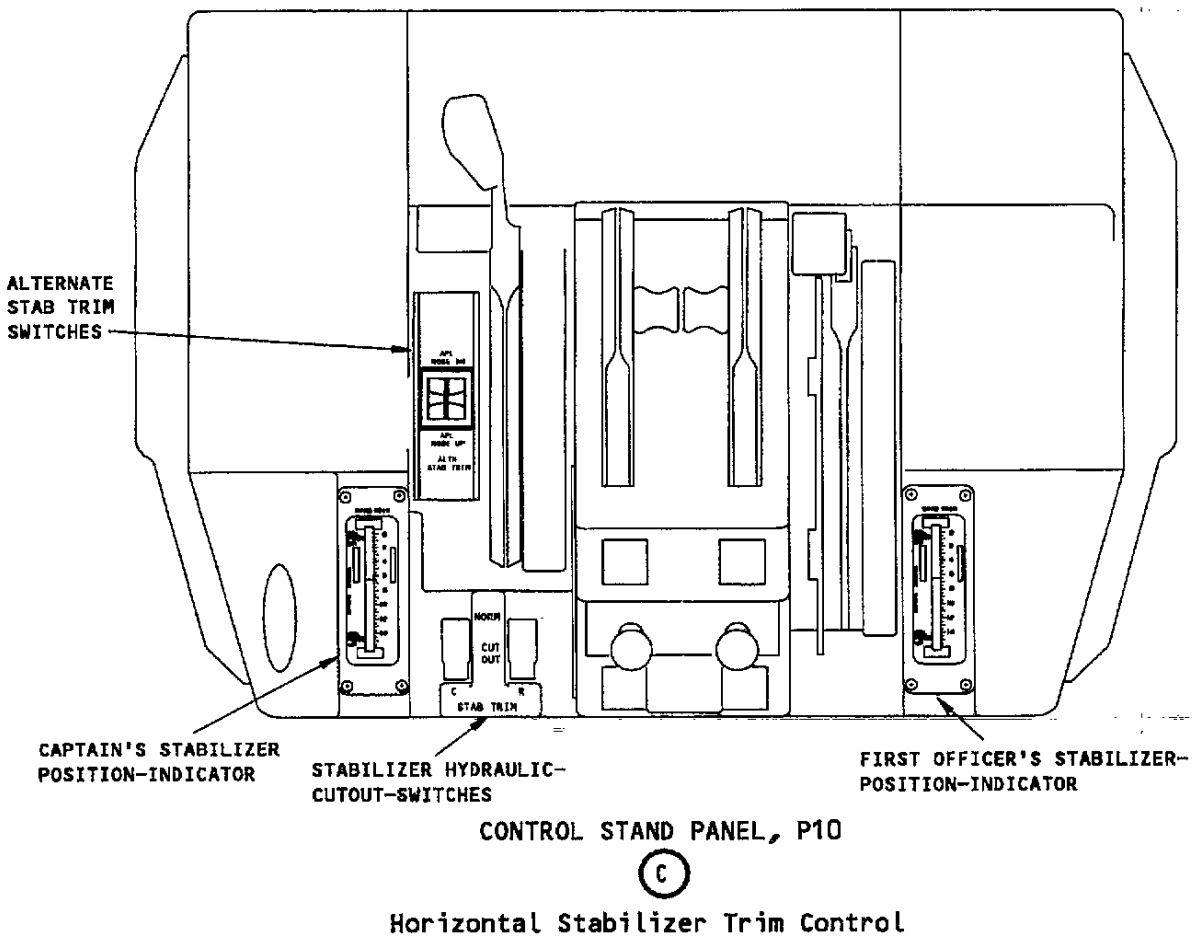
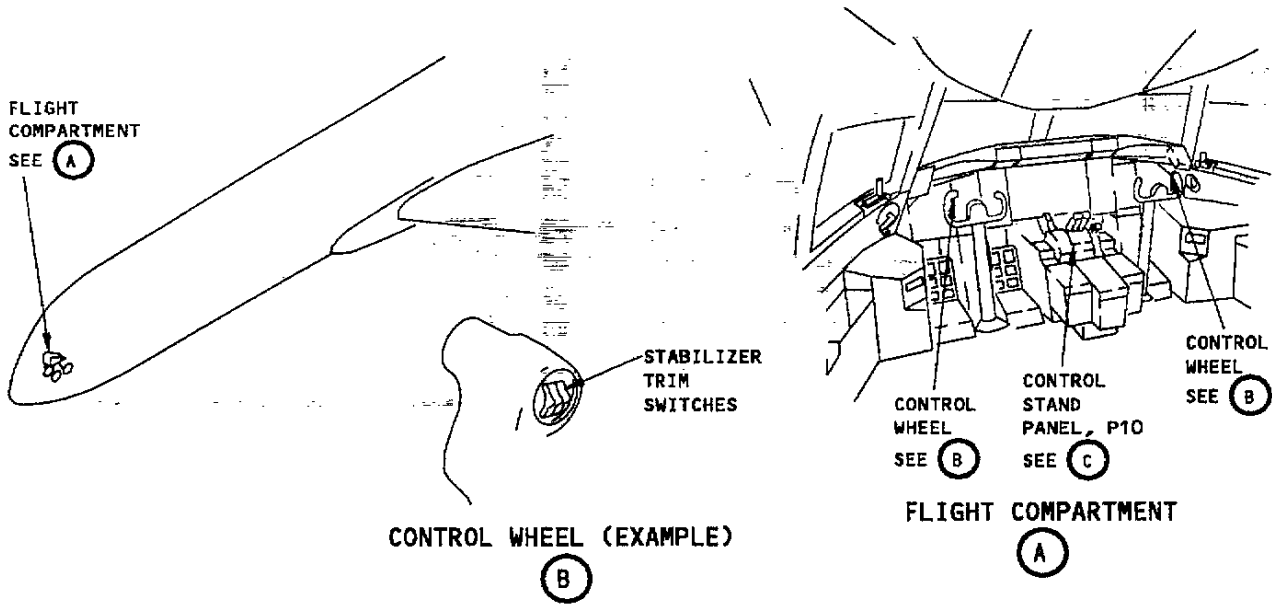
_____ XXXXX 1 Put the RIGHT and CENTER STAB TRIM SHUTOFF switches on the P10 panel to NORM.

_____ XXXXX 2 Remove electrical power if it is not necessary (Ref 24-22-00/201).

_____ XXXXX 3 Remove the power from the right and center hydraulic systems (Ref 29-11-00/201).

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

221M2708



ELEVATOR TRIM CONTROL

FIGURE 1

08/06/1998