

ZONES: 211 212
 A/C NUMBER:
 REV. DATE: 11/15/07
 FREQUENCY: 4C

W/C NUMBER: 321F2716 DATE:

TOOLS	DESCRIPTION	QTY
C27060-1	Control Wheel Adapter	1

REFERENCES

AMM 27-31-00

MECH INSP

MPD ITEM: 27-084-00

FUNCTIONALLY CHECK THE FORCE NECESSARY TO BREAKOUT THE ELEVATOR CONTROL COLUMN OVERRIDE ASSEMBLY.

1. Functional Test - Elevator Control Column Override

_____ XXXXX A. Procedure

WARNING: MAKE SURE THAT PERSONS AND EQUIPMENT ARE CLEAR OF ALL CONTROL SURFACES BEFORE YOU SUPPLY HYDRAULIC POWER. AILERONS, RUDDERS, ELEVATORS, FLAPS, SPOILERS, SLATS, AND THRUST REVERSERS CAN MOVE QUICKLY WHEN YOU SUPPLY HYDRAULIC POWER. THIS CAN CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

- (1) Do this task: Elevator Hydraulic System A and B Pressurization (AMM TASK 27-31-00-800-801 p201).
- (2) Do functional test of the elevator control column override:
 - (a) Do this task: Null Procedure - Mach Trim Actuator (AMM TASK 27-31-00-700-801 p201).
 - 1) Put a 6-inch strip of adhesive tape vertically on the right elevator index plate.
 - 2) Make a mark on the tape where the upper surface of the right elevator trailing edge would extend to the tape.
 - 3) Attach the force gage and equipment, C27060-1 to the captain's control column.

NOTE: The force gage is a push-pull scale for measuring control column loads.

 - 4) Block the first officer's control wheel in the neutral position.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F2716 (continued)

MECH: INSP:

NOTE: One mechanic can hold the first officer's control wheel steady in the neutral position.

5) Slowly pull the captain's control column aft and hold at a minimum right elevator position of 1.9 - 2.0 inches (3.15 degrees).

6) Make sure that the captain's control column force is between 40 - 100 pounds.

7) Release the captain's control column slowly to center the system.

(b) Push the captains's control column slowly forward and hold at a minimum right elevator position of 1.9 - 2.0 inches (3.15 degrees).

(c) Make sure that the captain's control column force is between 32 - 102 pounds.

_____ XXXXX B. Put the Airplane Back to its Usual Condition.

(1) Do this task: Put the Elevator Hydraulic systems A and B Back to the Condition Before the Pressurization (AMM TASK 27-31-00-840-801 p201).

(2) Remove the force gage and equipment, C27060-1 from the captain's control column.

(3) Remove the adhesive tape that was placed on the right elevator index plate.

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