

ATA AIRLINES, INC.

LEADING EDGE UNCOMMANDED MOTION PROTECTION

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CHECK BEING PERFORMED: Custom

ZONES: 200
A/C NUMBER:
REV. DATE: 03/17/05
FREQUENCY: 2A

W/C NUMBER: 321F2701 DATE:

REFERENCES

FIGURE 1, AMM 24-22-00, 29-11-00

MECH INSP

MPD Item: 27-224-00

OPERATIONALLY CHECK THE LEADING EDGE DEVICES UNCOMMANDED MOTION PROTECTION USING THE STANDBY HYDRAULIC SYSTEM.

NOTE: PRESSURIZE STANDBY HYDRAULIC SYSTEM AND OBSERVE LEADING EDGE FOR UNCOMMANDED MOVEMENT.

1. Standby Hydraulic System Leading Edge Uncommanded Motion Test (Figure 1).

XXXXX A. Prepare for the test

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

WARNING: BE CAREFUL WHEN YOU ACCESS CIRCUIT BREAKERS INSIDE THE P91 AND P92 PANELS AND POWER IS SUPPLIED TO THE PANELS. THERE IS A POTENTIAL FOR ELECTRIC SHOCK HAZARD. POSSIBLE INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT CAN OCCUR.

(2) Make sure that these circuit breakers are closed:

(a) Circuit Breaker Panel, P6-2:

- 1) 6A8 FLIGHT CONTROL FSEU DC 1
- 2) 6A9 FLIGHT CONTROL FSEU DC 2
- 3) 6A11 FC TE FLAP POS/SKEW SNSR & IND RIGHT
- 4) 6A12 FC TE FLAP POS/SKEW SNSR & IND LEFT
- 5) 6C11 FLIGHT CONT SHUTOFF VALVES STBY RUD

(b) Power Distribution Panel Number 2, P92:

- 1) 92F2 STANDBY HYDRAULIC PUMP

REVISION DATE: 03/17/05

ATA AIRLINES, INC. B737-800 FLEET

W/C #: 321F2701

DATE WORK CARD COMPLETE ___/___/___

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F2701 (continued)

MECH: INSP:

- (3) Make sure the leading edge flaps and slats and the trailing edge flaps are in the retracted position:

WARNING: KEEP PERSONS AND EQUIPMENT CLEAR OF THE FLIGHT CONTROL SURFACES, THE THRUST REVERSERS, AND THE LANDING GEAR. THESE COMPONENTS CAN MOVE SUDDENLY WHEN YOU SUPPLY HYDRAULIC POWER. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

- (a) Supply system B hydraulic power, do this task: Hydraulic System A or B Pressurization (AMM TASK 29-11-00-860-801 p201).
- (b) Move the flap control lever to the UP position to move the leading edge flaps and slats and the trailing edge flaps to the retracted position.
- (c) Remove system B hydraulic power, do this task: Hydraulic System A or B Power Removal (AMM TASK 29-11-00-860-805 p201).

|_____ XXXXX B. Standby Hydraulic System Leading Edge Uncommanded Motion
| Test

- (1) Pressurize the standby hydraulic system:
 - (a) Set the ALTERNATE FLAPS on the forward overhead panel P5 to the ARM position.

NOTE: This will start the standby hydraulic pump.
 - (b) Make sure the STANDBY HYD LOW PRESSURE light on the P5 panel comes on and quickly goes out.

NOTE: This makes sure that the standby system is pressurized.
- (2) Observe the leading edges on both the left and right wings:

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F2701 (continued)

MECH: INSP:

(a) Make sure that the leading edges do not move when you pressurize the standby hydraulic system.

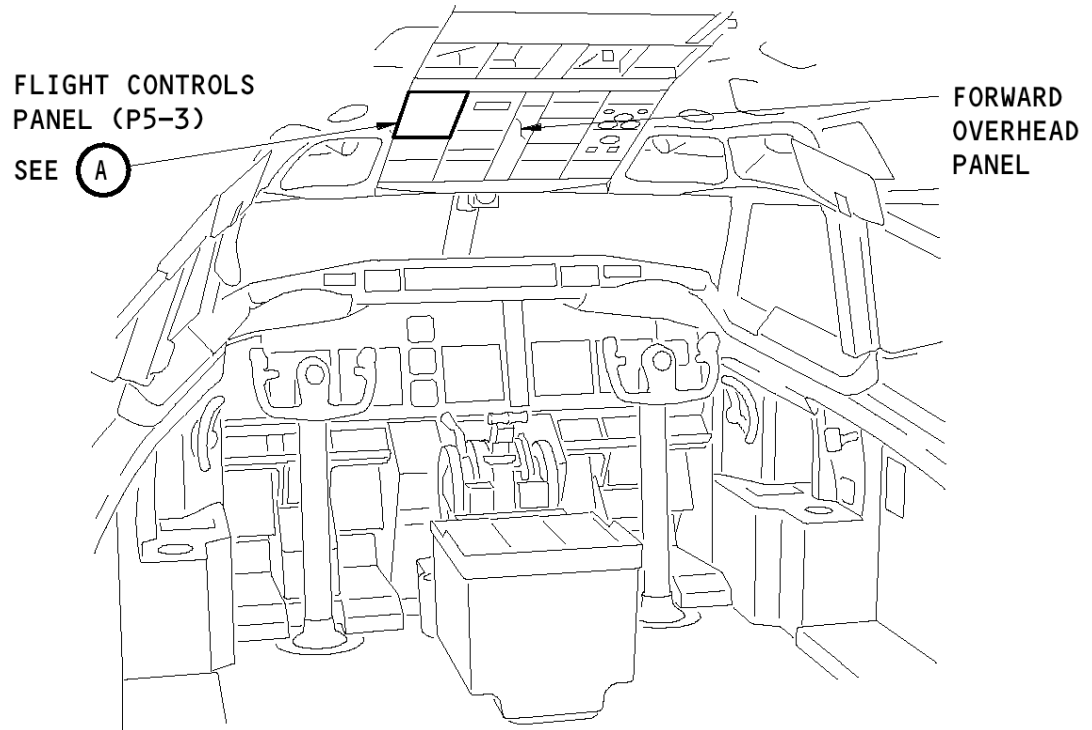
_____ XXXXX C. Put the Airplane Back to Its Usual Condition

(1) Move the ALTERNATE FLAPS ARM switch on the forward overhead panel to the OFF position.

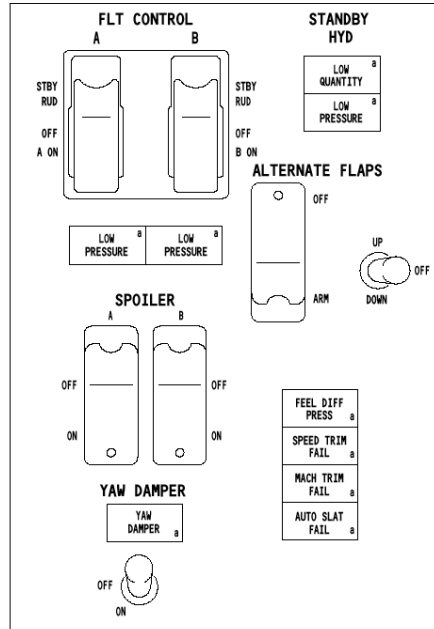
NOTE: This will turn off the standby hydraulic system.

(2) Remove electrical power as required (AMM TASK 24-22-00-860-812 p201).

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



FLIGHT COMPARTMENT



FLIGHT CONTROLS PANEL (P5-3)

(A)