

ATA AIRLINES, INC.

SPEEDBRAKE EXTENDED LIGHT

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CHECK BEING PERFORMED: Custom

ZONES: 100 200
A/C NUMBER:
REV. DATE: 01/23/06
FREQUENCY: 1C

W/C NUMBER: 321F2711 DATE:

PANELS

117A

REFERENCES

AMM 24-22-00, 27-51-00, 27-62-00, 32-09-00

MECH INSP

MPD Item: 27-190-00

OPERATIONALLY CHECK THE SPEEDBRAKES EXTENDED LIGHT.

1. Speed Brake Extended Light Test

_____ XXXXX A. Prepare for the Test

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

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

- (2) Do this task: Speed Brake Hydraulic Systems A and B Pressurization (AMM TASK 27-62-00-800-801 p201).

- (3) Open these circuit breakers and attach DO-NOT-CLOSE tags:

(a) Circuit Breaker Panel, P6-2:

- 1) 6A15 HYDRAULIC SYSTEM PTU VALVE CONT 1
- 2) 6A16 HYDRAULIC SYSTEM PTU VALVE CONT 2
- 3) 6B3 AFCS SYS B FCC DC
- 4) 6B9 FLIGHT CONTROL AUTO SPEED BRAKE

(b) Circuit Breaker Panel, P18-1:

- 1) 18D2 AFCS SYS A FCC DC

REVISION DATE: 01/23/06

ATA AIRLINES, INC. B737-800 FLEET

W/C #: 321F2711

DATE WORK CARD COMPLETE ___/___/___

- (4) Simulate air mode with the PSEU BITE. To simulate, do this task: Put the Airplane in the Air Mode (AMM TASK 32-09-00-860-801 p201).

_____ XXXXX B. Speed Brakes Extended Light Test

- (1) Move the flaps to the 15 unit position.
- (2) Move the speed brake lever to the ARMED position.

NOTE: The spoilers can move up during this step.

- (3) Make sure the SPEEDBRAKES EXTENDED light is off.
- (4) Move the speed brake lever 0.6 inch (15.2 mm) aft from the ARMED detent.

NOTE: The spoilers can move up during this step.

- (5) Make sure the SPEEDBRAKES EXTENDED light turns on.
- (6) Do this task: Retract the Trailing Edge Flaps (AMM TASK 27-51-00-860-804 p201).
- (7) Make sure the SPEEDBRAKES EXTENDED light is off.
- (8) Move the flaps to the 15 unit position.
- (9) Make sure the SPEEDBRAKES EXTENDED light turns on.
- (10) Do this task: Return the Airplane to the Ground Mode (AMM TASK 32-09-00-860-802 p201).
- (11) Make sure the SPEEDBRAKES EXTENDED light turns off.
- (12) Simulate air mode with the PSEU BITE. To simulate, do this task:
Put the Airplane in the Air Mode
(AMM TASK 32-09-00-860-801 p201).
- (13) Make sure the SPEEDBRAKES EXTENDED light turns on.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 321F2711 (continued)

MECH: INSP:

- (14) Move the speed brake lever to the ARMED position.
- (15) Make sure the SPEEDBRAKES EXTENDED light turns off.
- (16) Move the speed brake lever to the DOWN position.

NOTE: The spoilers can move down during this step.

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

- (1) Do this task: Retract the Trailing Edge Flaps (AMM TASK 27-51-00-860-804 p201).
- (2) Do this task: Return the Airplane to the Ground Mode (AMM TASK 32-09-00-860-802 p201)
- (3) Do this task: Put the Speed Brake Hydraulic systems A and B Back to the Condition Before the Pressurization (AMM TASK 27-62-00-840-801 p201).
- (4) Remove the DO-NOT-CLOSE tags and close these circuit breakers:

(a) Circuit Breaker Panel, P6-2:

- 1) 6A15 HYDRAULIC SYSTEM PTU VALVE CONT 1
- 2) 6A16 HYDRAULIC SYSTEM PTU VALVE CONT 2
- 3) 6B3 AFCS SYS B FCC DC
- 4) 6B9 FLIGHT CONTROL AUTO SPEED BRAKE

(b) Circuit Breaker Panel, P18-1:

- 1) 18D2 AFCS SYS A FCC DC

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