

# ATA AIRLINES, INC.

FMC CDU COOLING AIR INLET SCREEN

PAGE 1 / 4

CHECK BEING PERFORMED: Custom

ZONES: 211 212  
A/C NUMBER:  
REV. DATE: 03/18/04  
FREQUENCY: 3A

W/C NUMBER: 221M3405      DATE:  
W/O:  
JAC CODE:

## REFERENCES

1

MECH      INSP

---

CHECK THE COOLING AIR INLET SCREEN ON THE CONTROL DISPLAY UNIT FOR THE FLIGHT MANAGEMENT COMPUTER FOR CONTAMINATION. CLEAN AS REQUIRED.

1. Remove the FMCS Control Display Unit.

A. References.

(1) 20-41-01/201, ELeCtrostatic Sensitive Devices.

B. Access.

(1) Location Zones.

(a) 211-212 Flight Compartment.

C. Prepare for Removal.

\_\_\_\_\_      XXXXX

(1) Open these circuit breakers on the overhead circuit breaker panel, P11, and attach DO-NOT-CLOSE tags:

(a) 11E9, FMCS CMPTR LEFT.

(b) 11E8, FMCS CDU LEFT.

(c) 11E30, FMCS CMPTR RIGHT.

(d) 11E29, FMCS CDU RIGHT.

(e) 11N1, INSTRUMENT & PANEL AISLE STAND.

D. Remove the CDU (Fig. 1).

CAUTION: DO NOT TOUCH THE FMC CDU BEFORE YOU DO THE PROCEDURE FOR ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (REF 20-41-01). ELECTROSTATIC DISCHARGE CAN CAUSE DAMAGE TO THE FMC CDU.

---

REVISION DATE: 03/18/04

ATA AIRLINES, INC. B757 FLEET

W/C #: 221M3405

DATE WORK CARD COMPLETE \_\_\_/\_\_\_/\_\_\_

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3405 (continued)

MECH: INSP:

- 
- \_\_\_\_\_ XXXXX (1) Do the procedure for electrostatic discharge sensitive devices (Ref 20-41-01).
  - \_\_\_\_\_ XXXXX (2) Loosen the six quick-release fasteners on the front panel of the CDU.
  - \_\_\_\_\_ XXXXX (3) Lift the handle and pull the CDU out of the P9 panel until you can disconnect the cable attached to the rear of the CDU.
  - \_\_\_\_\_ XXXXX (4) Disconnect the cable from the CDU.
  - \_\_\_\_\_ XXXXX (5) Install the dust cover.
  - \_\_\_\_\_ XXXXX (6) Remove the unit from the control stand.

2. Install FMCS Control Display Unit.

A. References.

- (1) 20-41-01/201, Electrostatic Sensitive Devices.

B. Access.

- (1) Location Zones.
  - (a) 211/212 Flight Control.

C. Procedure.

- \_\_\_\_\_ XXXXX (1) Open these circuit breakers on the P11 panel and attach DO-NOT-CLOSE tags:
  - (a) 11E9, FMCS CMPTR LEFT.
  - (b) 11E8, FMCS CDU LEFT.
  - (c) 11E30, FMCS CMPTR RIGHT.
  - (d) 11E29, FMCS CDU RIGHT.
  - (e) 11N1, INSTRUMENT & PANEL AISLE STAND.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3405 (continued)

MECH: INSP:

CAUTION: DO NOT TOUCH THE FMC CDU BEFORE YOU DO THE PROCEDURE FOR ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (REF 20-41-01). ELECTROSTATIC DISCHARGE CAN CAUSE DAMAGE TO THE FMC CDU.

- \_\_\_\_\_ XXXXX (2) Do the procedure for electrostatic discharge sensitive devices (Ref 20-41-01).
  - \_\_\_\_\_ XXXXX (3) Make sure the air inlet screen for the CDU is clean. Clean inlet screen if necessary.
  - \_\_\_\_\_ XXXXX (4) Remove dust covers on the rear of the CDU.
  - \_\_\_\_\_ XXXXX (5) Connect cable to rear of CDU.
  - \_\_\_\_\_ XXXXX (6) Carefully lower CDU into the P9 panel.
  - \_\_\_\_\_ XXXXX (7) Push down the CDU handle.
  - \_\_\_\_\_ XXXXX (8) Tighten the six quick-release fasteners.
3. Test FMCS Control Display Unit.
- A. References.
    - (1) 24-22-00/201, Electrical Power - Control.
  - B. Access.
    - (1) Location Zones.
      - (a) 211/212 Flight Compartment.
  - C. Prepare for Test.
    - \_\_\_\_\_ XXXXX (1) Supply electrical power (Ref 24-22-00).
    - \_\_\_\_\_ XXXXX (2) Remove the DO-NOT-CLOSE tags and close these circuit breakers on the P11 panel.
      - (a) 11N1, AISLE STAND INSTRUMENT & PANEL.
    - \_\_\_\_\_ XXXXX (3) Set the FMC Source Select switches on the P1 and P3

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221M3405 (continued)

MECH: INSP:

panels are to the normal position.

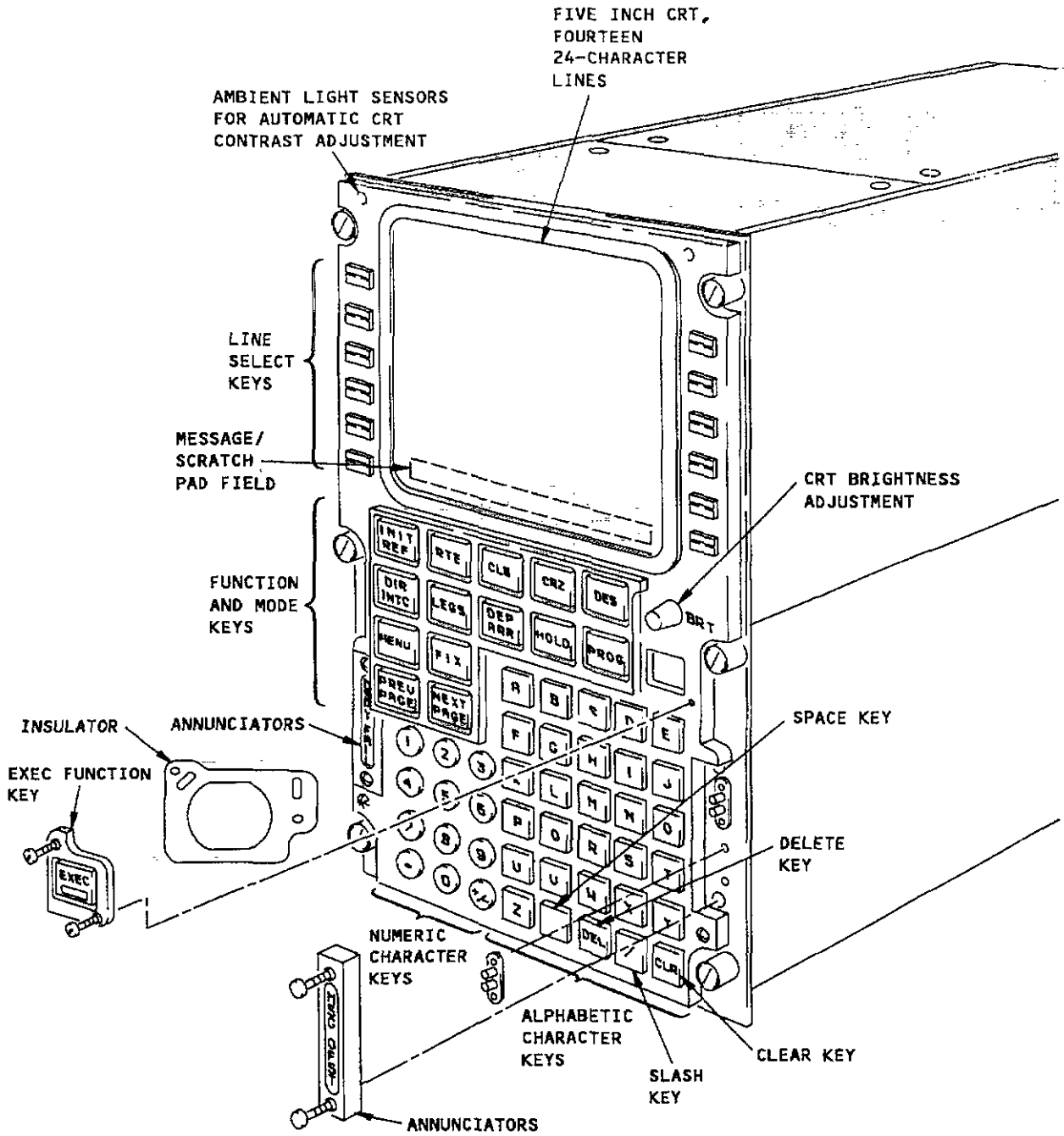
D. Test the CDU.

- \_\_\_\_\_ XXXXX (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers on the P11 panel:
  - (a) 11E8, FMCS CDU LEFT.
  - (b) 11E29, FMCS CDU RIGHT.
- \_\_\_\_\_ XXXXX (2) Make sure the FAIL indicator is on for both CDUs.
- \_\_\_\_\_ XXXXX (3) Remove the DO-NOT-CLOSE tags and close these circuit breakers on the P11 panel:
  - (a) 11E9, FMCS CMPTR LEFT.
  - (b) 11E30, FMCS CMPTR RIGHT.
- \_\_\_\_\_ XXXXX (4) Make sure the FAIL indicators are not on and the title line on the CDU display is IDENT.
- \_\_\_\_\_ XXXXX (5) Push the line select button adjacent to the POS INT prompt on replaced CDU.
- \_\_\_\_\_ XXXXX (6) Make sure the title line on the CDU display is POS INIT.

E. Put the Airplane Back to Its Usual Condition.

- \_\_\_\_\_ XXXXX (1) Remove electrical power if it is not necessary (Ref 24-22-00).

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



FMCS Control Display Unit