

ZONES: 210  
 A/C NUMBER:  
 REV. DATE: 11/01/07  
 FREQUENCY: 1C

W/C NUMBER: 321Z3401      DATE:

MFR P/N	DESCRIPTION	QTY
Liqui-Nox	Detergent, Liquid	A/R
Cloth	Absorbent Wiper	A/R

TOOLS	DESCRIPTION	QTY
Vacuum	Cleaner, Vacuum	1

**REFERENCES**

Figure 1; AMM 24-22-00

**MECH      INSP**

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MPD Item: 34-999A

1. Remove FMCS Control Display Unit (CDU) as follows (Fig. 1):

\_\_\_\_\_ XXXXX      A. Open these circuit breakers and attach DO-NOT-CLOSE tags:

(1) 6D15 FMCS MCDU 2 on Circuit Breaker Panel P6-1.

(2) 18A7 FMCS MCDU 1 on Circuit Breaker Panel P18-2.

WARNING: MAKE SURE THAT THE GROUND LOCKS ARE INSTALLED IN ALL OF THE LANDING GEAR. IF THE GROUND LOCKS ARE NOT INSTALLED, THE LANDING GEAR CAN RETRACT AND CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

| \_\_\_\_\_ XXXXX      B. Make sure the ground locks are installed in the nose and main landing gear.

|                      C. Remove the CDU.

|                      (1) Loosen the six quick-release fasteners [2] on the front  
 |                      of the CDU [1].

|                      CAUTION: DO NOT LET THE CDU PUSH AGAINST OR FALL ON OTHER  
 |                      COMPONENTS ON THE AISLE STAND. THIS CAN OCCUR WHEN  
 |                      YOU DISCONNECT THE CONNECTOR FROM THE REAR OF THE  
 |                      CDU. DAMAGE TO EQUIPMENT CAN OCCUR.

|                      (2) Pull the CDU [1] out of the panel until you can get  
 |                      access to the electrical connector [3].

|                      CAUTION: DO NOT TOUCH THE CONDUCTOR PINS OR OTHER CONDUCTORS  
 |                      ON THE CDU. IF YOU TOUCH THESE CONDUCTORS,  
 |                      ELECTROSTATIC DISCHARGE CAN CAUSE DAMAGE TO THE  
 |                      CDU.

|                      (3) Disconnect the electrical connector [3].

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- | (4) Remove the CDU [1] from the panel.
- | (5) Put a protective cover on the electrical connector [3].
- | (6) Record accomplishment of steps 1.C.(1) thru 1.C.(5) for each CDU:

| \_\_\_\_\_ XXXXX (a) LH CDU

| \_\_\_\_\_ XXXXX (b) RH CDU

2. Clean the CDU as follows:

| A. Do these steps to clean the CDU grills:

- (1) Use a vacuum to remove blockage from the air inlet, outlet, and LCD backlight cooling vents.
- (2) Clean the grills with a paper towel or soft cloth moist with Liqui-Nox detergent and water.
- (3) Dry the grills with a clean, dry cloth.
- (4) Use a vacuum to remove blockage from the air outlet hole below the Pilot's Forward Electronic Panel (P9).

B. Do these steps to clean the CDU surfaces:

- (1) Remove dust and dirt with a vacuum.
- (2) Clean the surfaces with a paper towel or soft cloth moist with Liqui-Nox detergent and water.
- (3) Remove the remaining detergent with a clean cloth moist with water.

| C. Record CDU cleaning per steps 2.A. and 2.B. for each CDU:

| \_\_\_\_\_ XXXXX (1) LH CDU

| \_\_\_\_\_ XXXXX (2) RH CDU

3. Do these steps to install the FMCS CDU (Fig. 1):

CAUTION: DO NOT TOUCH THE CONDUCTOR PINS OR OTHER CONDUCTORS

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MECH: INSP:

ON THE CDU. IF YOU TOUCH THESE CONDUCTORS,  
ELECTROSTATIC DISCHARGE CAN CAUSE DAMAGE TO THE CDU.

- | A. Remove the protective cover from the electrical connector  
| [3] on the CDU.
- B. Examine the electrical connector [3] for bent or broken  
pins, dirt, and damage.
- C. Connect the electrical connector [3] to the CDU [1].
- D. Carefully lower the CDU [1] into the panel.
- E. Tighten the six quick-release fasteners [2].

| F. Record accomplishment of steps 3.A. thru 3.E. on each CDU:

| \_\_\_\_\_ (1) LH CDU

| \_\_\_\_\_ (2) RH CDU

| \_\_\_\_\_ XXXXX G. Close these circuit breakers and remove the DO-NOT-CLOSE  
tags:

(1) 6D15 FMCS MCDU 2 on Circuit Breaker Panel P6-1.

(2) 18A7 FMCS MCDU 1 on Circuit Breaker Panel P18-2.

4. Do an installation test of the CDU as follows:

| \_\_\_\_\_ XXXXX A. Make sure that the L/H and R/H CDU shows < FMC on the MENU  
| page.

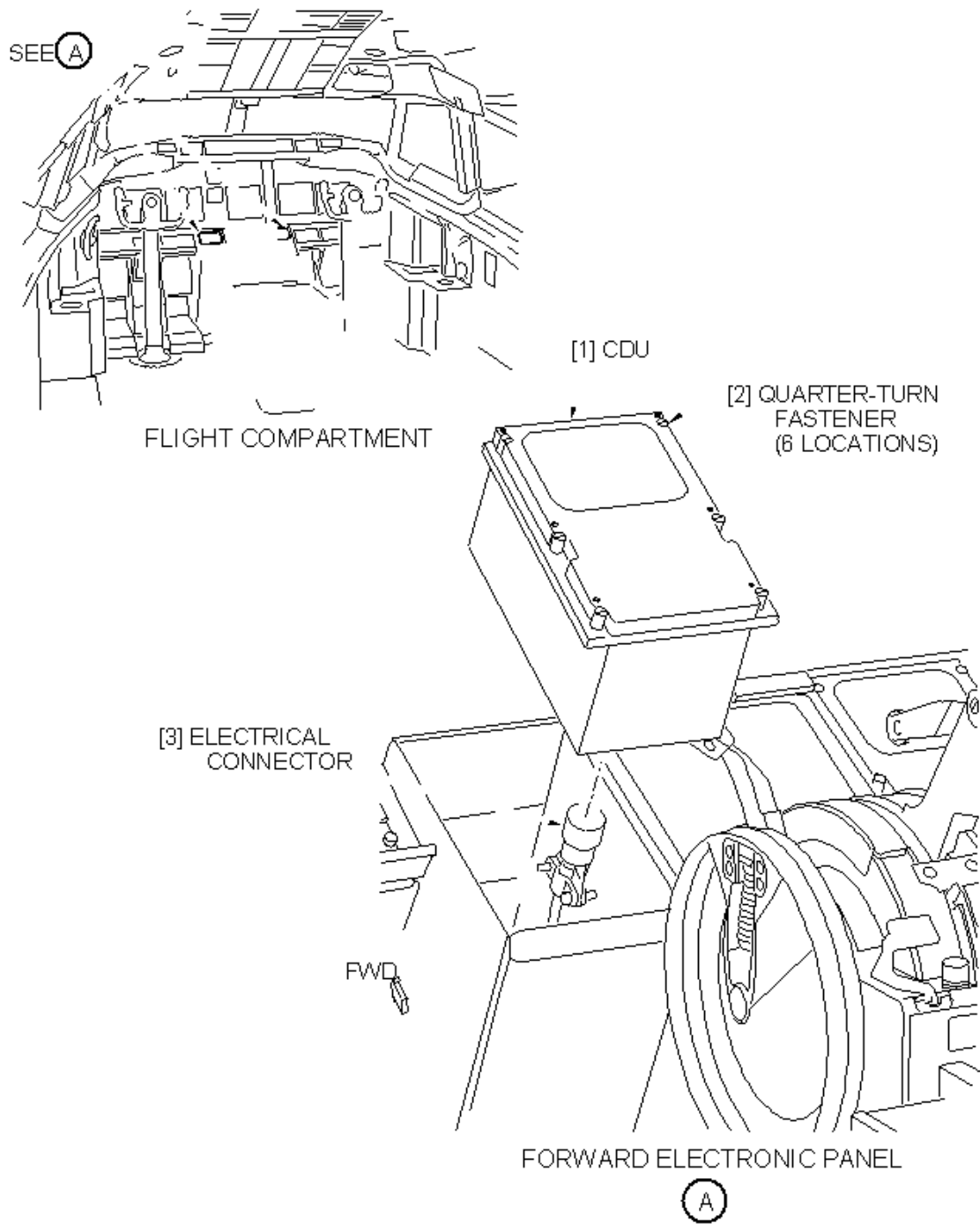
| \_\_\_\_\_ XXXXX B. Set the MASTER DIM and TEST switch to the TEST position.

| \_\_\_\_\_ XXXXX C. Make sure that the CALL, FAIL, MSG, OFST, and EXEC lights  
| on the L/H and R/H CDU are on.

| \_\_\_\_\_ XXXXX 5. Put the Airplane Back to Its Usual Condition.

A. Remove Electrical Power if no longer required (Ref. AMM TASK  
24-22-00-860-812 p201).

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



CDU Installation  
Figure 1