



AIRCRAFT MAINTENANCE MANUAL

FMS (HONEYWELL) CONTROL DISPLAY UNIT - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

1. General

- A. This section gives the procedures to remove and install the control display unit (CDU) of FMS1 and/or FMS2.
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
34-61-02-000-801-A	CONTROL DISPLAY UNIT (CDU) - REMOVAL	AIRCRAFT WITH FMS HONEYWELL
34-61-02-400-801-A	CONTROL DISPLAY UNIT (CDU) - INSTALLATION	AIRCRAFT WITH FMS HONEYWELL



EMB145 - EMB135

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TASK 34-61-02-000-801-A

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

2. CONTROL DISPLAY UNIT (CDU) - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the control display unit (CDU) of FMS1 and/or FMS2.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit
224		Cockpit

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

H. Preparation

SUBTASK 841-002-A

- (1) (Aircraft with single FMS) On the circuit breaker panel, open the CDU (Location tip: DC BUS 1/NAV/CDU) circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) (Aircraft with dual FMS) On the circuit breaker panel, open the CDU1 (Location tip: DC BUS 1/NAV/CDU1) and/or CDU2 (Location tip: DC BUS 2/NAV/CDU2) circuit breaker(s) and attach a DO-NOT-CLOSE tag to it (them).

I. Removal ([Figure 401](#))

SUBTASK 020-002-A

- (1) Unlock the four Dzus fasteners (4) which attach the control display unit (CDU) (1) to the control pedestal (3).
- (2) Carefully pull the control display unit (CDU) (1) to get access to the electrical connector (2).
- (3) Disconnect the three electrical connectors (2).



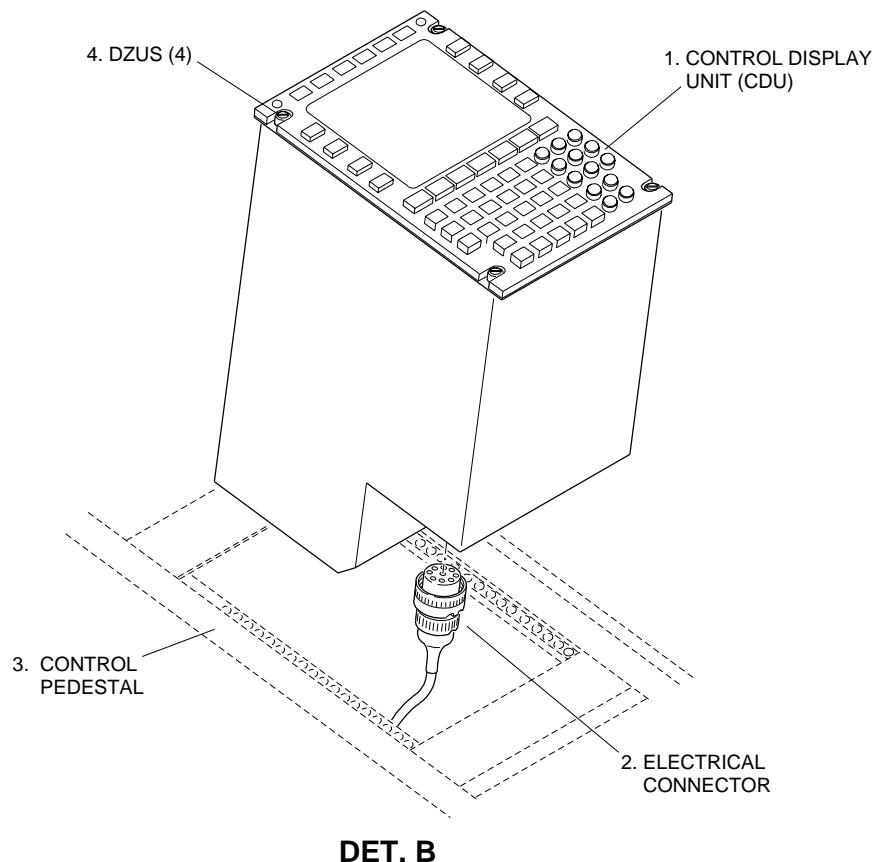
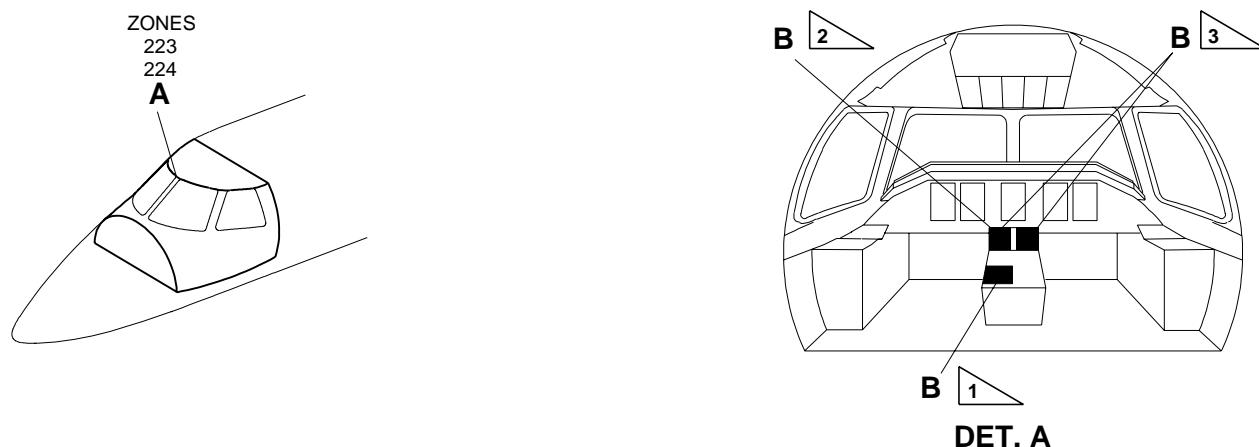
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-
- (4) Remove the control display unit (CDU) (1).

EFFECTIVITY: AIRCRAFT WITH CD-810 CONTROL DISPLAY UNIT

Control Display Unit (CDU) - Installation

Figure 401



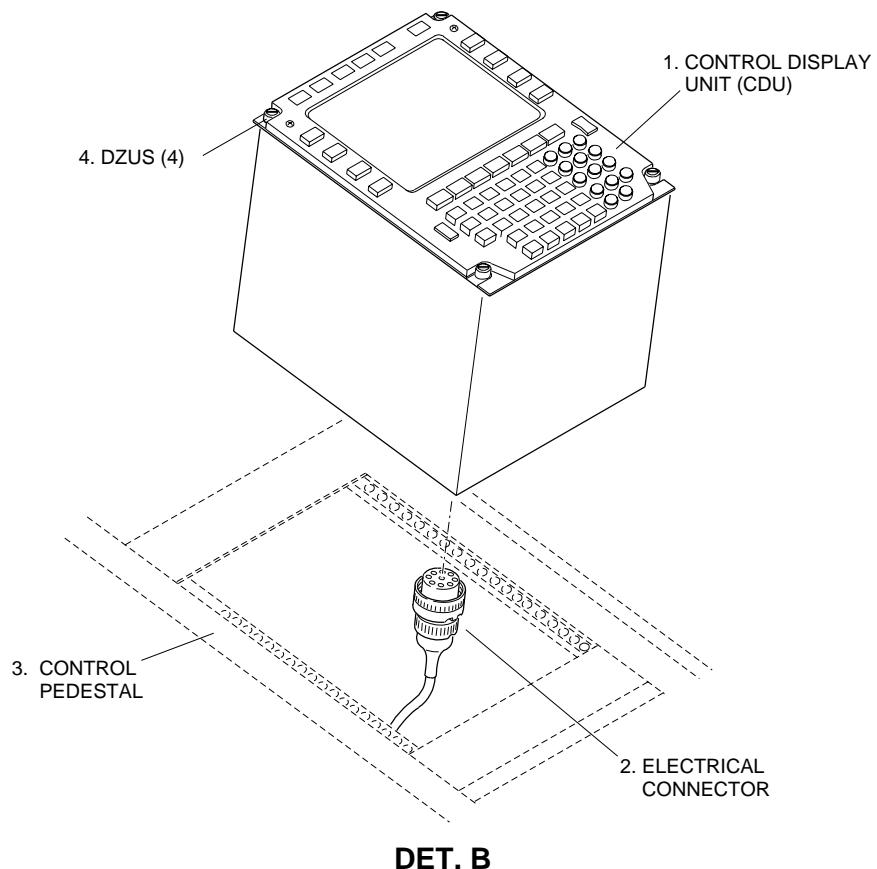
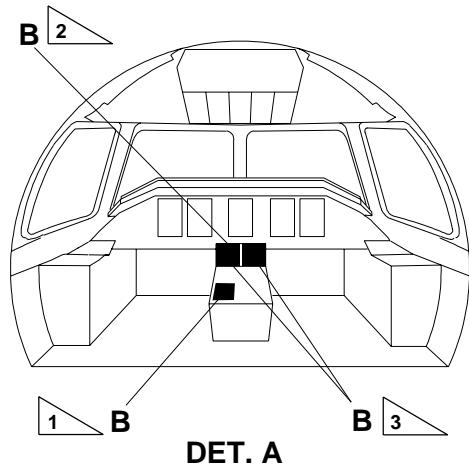
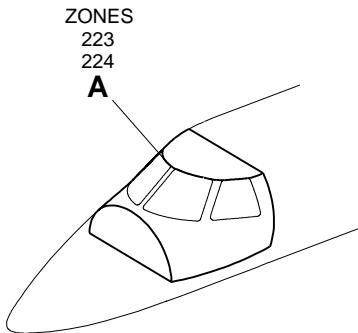
1 AIRCRAFT WITH SINGLE FMS INSTALLED ON CONTROL PEDESTAL AFT PANEL

2 AIRCRAFT WITH SINGLE FMS INSTALLED ON CONTROL PEDESTAL FORWARD PANEL

3 AIRCRAFT WITH DUAL FMS.

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EFFECTIVITY: AIRCRAFT WITH CD-820 CONTROL DISPLAY UNIT
 Control Display Unit (CDU) - Installation
 Figure 402



1 AIRCRAFT WITH SINGLE FMS INSTALLED ON CONTROL PEDESTAL AFT PANEL.

2 AIRCRAFT WITH SINGLE FMS INSTALLED ON CONTROL PEDESTAL FORWARD PANEL.

3 AIRCRAFT WITH DUAL FMS.

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TASK 34-61-02-400-801-A

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

3. CONTROL DISPLAY UNIT (CDU) - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the control display unit (CDU) of FMS1 and/or FMS2.

B. References

REFERENCE	DESIGNATION
AMM TASK 34-61-00-700-801-A/500	FLIGHT MANAGEMENT SYSTEM (FMS) - OPERATIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit
224		Cockpit

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) Connect the electrical connector (2) to the control display unit (CDU) (1).
- (2) Put the control display unit (CDU) (1) in the control pedestal (3).
- (3) Lock the four Dzus fasteners (4).

J. Follow-on

SUBTASK 842-002-A

- (1) (Aircraft with single FMS) On the circuit breaker panel, close the CDU (Location tip: DC BUS 1/NAV/CDU) circuit breaker and remove the DO-NOT-CLOSE tag from it.



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- (2) (Aircraft with dual FMS) On the circuit breaker panel, close the CDU1 (Location tip: DC BUS 1/NAV/CDU1) and/or CDU2 (Location tip: DC BUS 2/NAV/CDU2) circuit breaker(s) and remove the DO-NOT-CLOSE tag from it (them).
- (3) Do the FMS Operational Test ([AMM TASK 34-61-00-700-801-A/500](#)).

