



AIRCRAFT MAINTENANCE MANUAL

HF CONTROL PANEL - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH HF SYSTEM

1. General

- A. This section gives the procedures to remove and install the HF Control Panel.
- 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
23-11-01-000-801-A	HF CONTROL PANEL - REMOVAL	AIRCRAFT WITH HF-230 SYSTEM
23-11-01-400-801-A	HF CONTROL PANEL - INSTALLATION	AIRCRAFT WITH HF-230 SYSTEM
23-11-01-000-802-A	HF CONTROL PANEL - REMOVAL	AIRCRAFT WITH KHF-950 SYSTEM
23-11-01-400-802-A	HF CONTROL PANEL - INSTALLATION	AIRCRAFT WITH KHF-950 SYSTEM



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 23-11-01-000-801-A

EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM

2. HF CONTROL PANEL - REMOVAL

A. General

- (1) This task gives the procedures to remove the HF Control Panel.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Main instrument panel

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	In the cockpit, on the main instrument panel

H. Preparation

SUBTASK 841-002-A

EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM

- (1) On the circuit breaker panel, open the HF circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: DC BUS 2/COMM/HF).

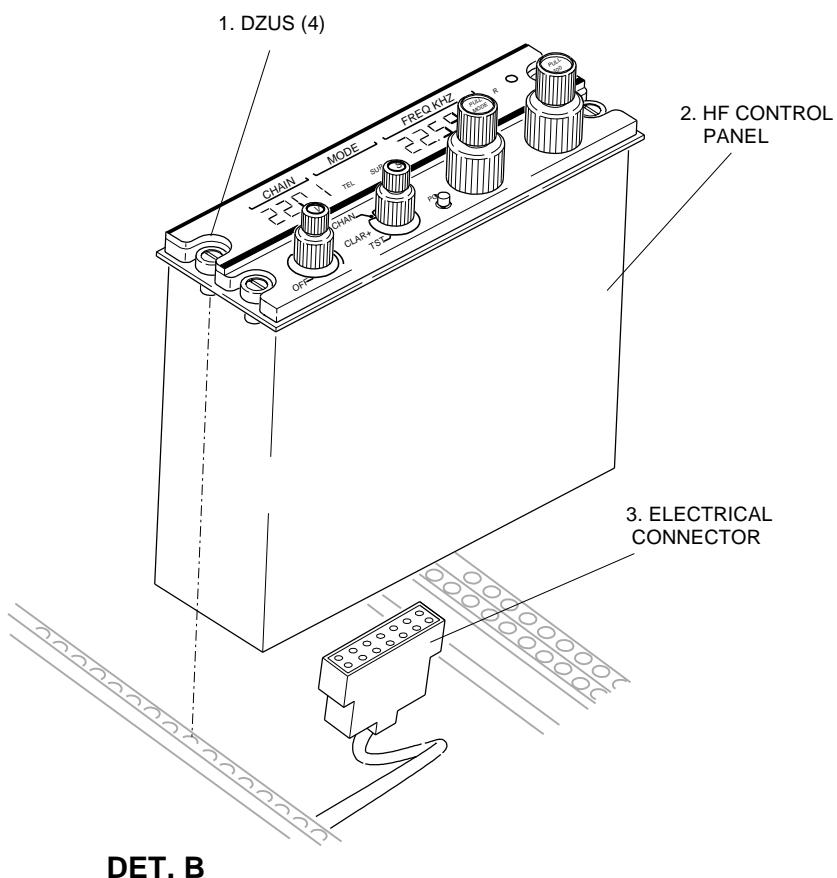
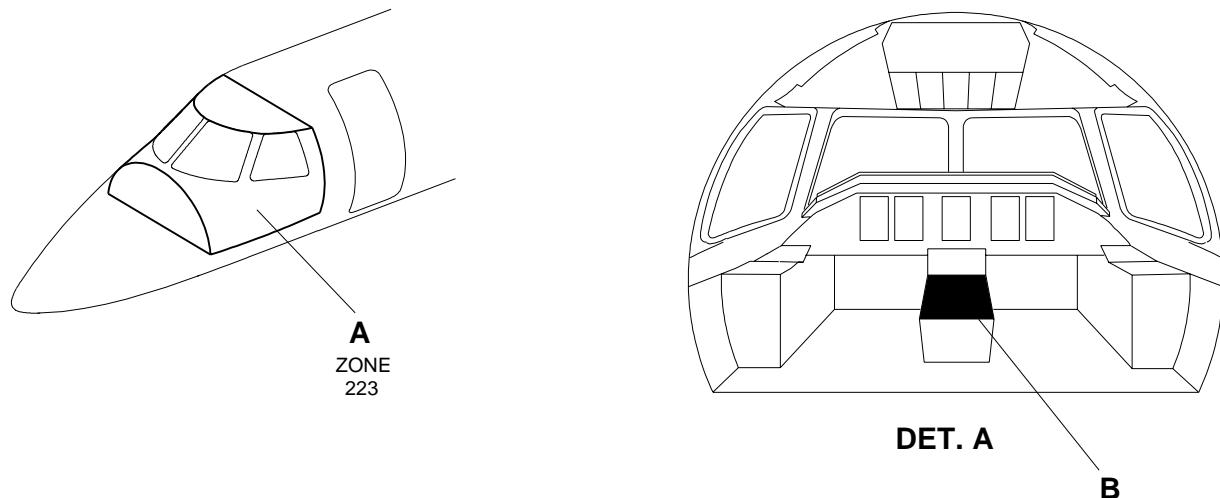
I. Removal ([Figure 401](#))

SUBTASK 020-002-A

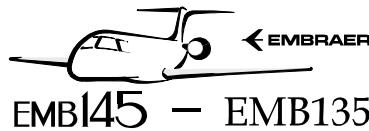
EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM

- (1) Release the four Dzus fasteners (1).
- (2) Carefully pull the HF Control Panel (2).
- (3) Disconnect the electrical connector (3).
- (4) Remove the HF Control Panel (2).

EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM
HF Control Panel - Removal/Installation
Figure 401



EM145AMM230123C.DGN



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 23-11-01-400-801-A

EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM

3. HF CONTROL PANEL - INSTALLATION

A. General

- (1) This task gives the procedures to install the HF Control Panel.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-11-00-700-801-A/500	HF SYSTEM - FUNCTIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Main instrument panel

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	In the cockpit, on the main instrument panel

I. Installation (Figure 401)

SUBTASK 420-002-A

EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM

- (1) Connect the electrical connector (3).
- (2) Install the HF Control Panel (2) in its installation position.
- (3) Attach the four Dzus fasteners (1).

J. Follow-on

SUBTASK 842-002-A

EFFECTIVITY: AIRCRAFT WITH HF-230 SYSTEM

- (1) On the circuit breaker panel, close the HF circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: DC BUS 2/COMM/HF).



AIRCRAFT
MAINTENANCE MANUAL

-
- (2) Do the HF system functional test ([AMM TASK 23-11-00-700-801-A/500](#)).



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 23-11-01-000-802-A

EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

4. HF CONTROL PANEL - REMOVAL

A. General

- (1) This task gives the procedures to remove the HF Control Panel.
- (2) To do this task, refer to the figure of HF Control Panel KCU-951.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Control pedestal

C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Screwdriver (or similar)	To remove the Dzus that attach the HF Control Panel to the Control Pedestal	1

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	In the cockpit, on the control pedestal

H. Preparation

SUBTASK 841-003-A

EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

- (1) On the circuit breaker panel, open the HF circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: DC BUS 2/COMM/HF).

I. Removal

SUBTASK 020-003-A

EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

- (1) Release the Dzus fasteners (1).
- (2) Carefully pull the HF Control Panel (2) .
- (3) Disconnect the electrical connector (3).



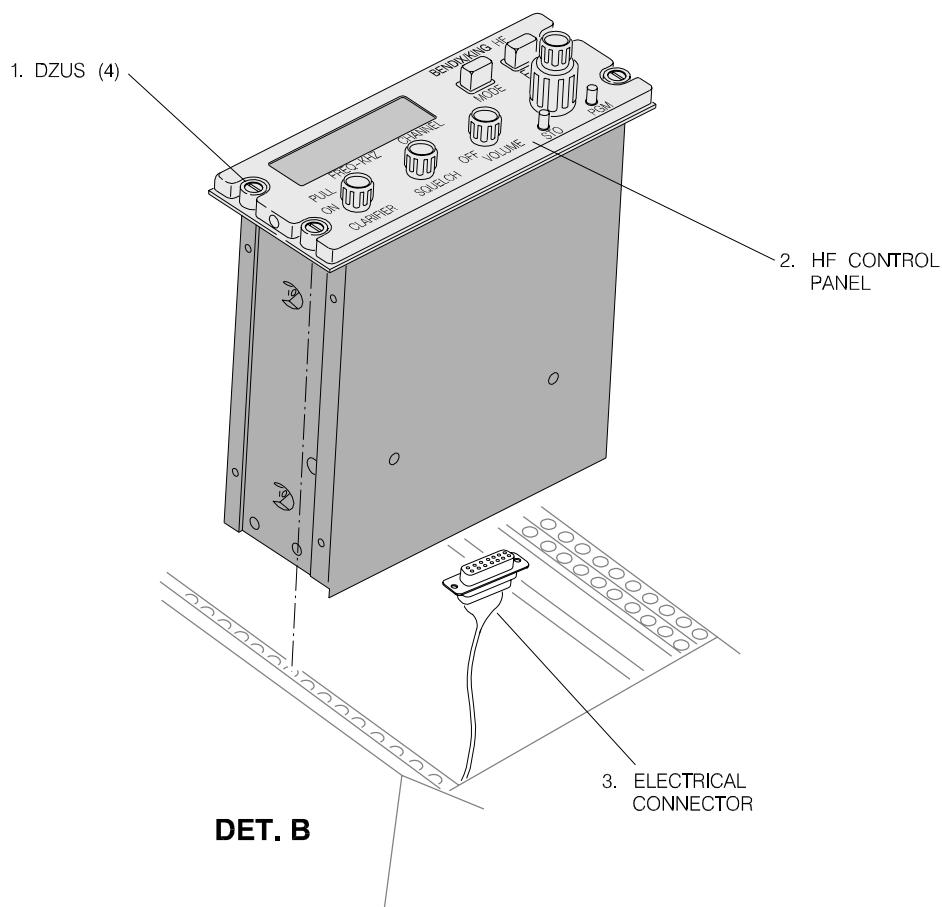
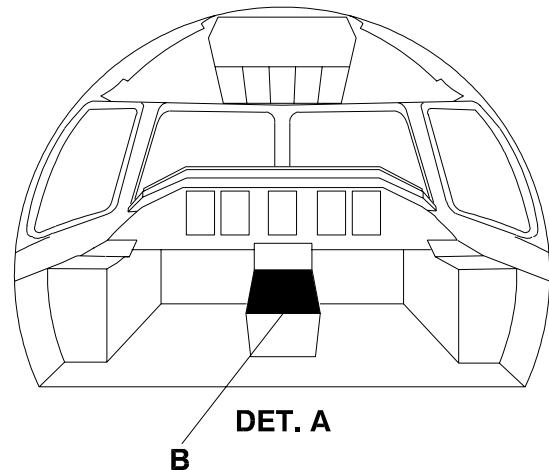
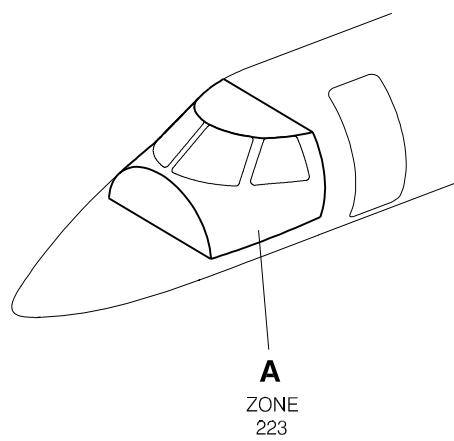
AIRCRAFT
MAINTENANCE MANUAL

- (4) Remove the HF Control Panel (2).
- (5) Install the protection caps on the electrical connector (3).

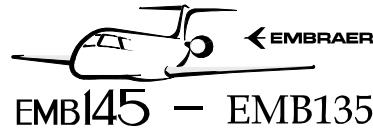
EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

HF Control Panel KCU-951 - Removal/Installation

Figure 402



AMM230355.MCE



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 23-11-01-400-802-A

EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

5. HF CONTROL PANEL - INSTALLATION

A. General

- (1) This task gives the procedures to install the HF Control Panel.
- (2) To do this task, refer to the figure of HF Control Panel KCU-951.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-11-00-700-802-A/500	HF SYSTEM - FUNCTIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Control pedestal

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Screwdriver (or similar)	To install the Dzus that attach the HF Control Panel to the Control Pedestal	

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	In the cockpit, on the control pedestal

I. Installation

SUBTASK 420-003-A

EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

- (1) Remove the protection caps from the electrical connector (3).
- (2) Connect the electrical connector (3).
- (3) Install the HF Control Panel (2) in its installation position.
- (4) Attach the Dzus fasteners (1).



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-003-A

EFFECTIVITY: AIRCRAFT WITH KHF-950 SYSTEM

- (1) On the circuit breaker panel, close the HF circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: DC BUS 2/COMM/HF).
- (2) Do the HF Functional Test ([AMM TASK 23-11-00-700-802-A/500](#)).