



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

RADIO MANAGEMENT UNIT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the Radio Management Unit.
- 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
23-81-01-000-801-A	RADIO MANAGEMENT UNIT - REMOVAL	ALL
23-81-01-400-801-A	RADIO MANAGEMENT UNIT - INSTALLA- TION	ALL



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-81-01-000-801-A

EFFECTIVITY: ALL

2. RADIO MANAGEMENT UNIT - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the Radio Management Unit.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit - LH side
224		Cockpit - RH side

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

H. Preparation

SUBTASK 841-002-A

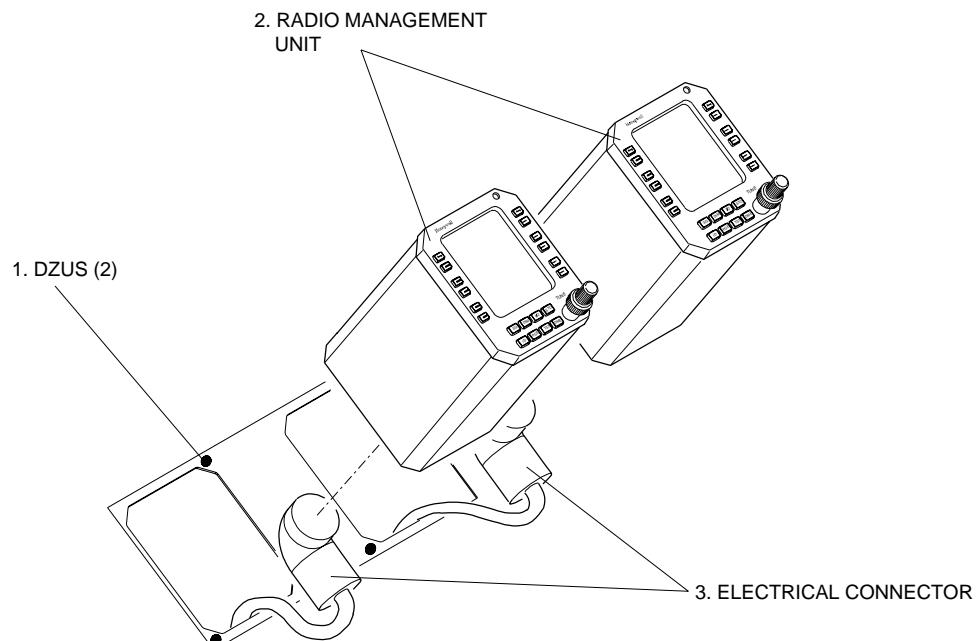
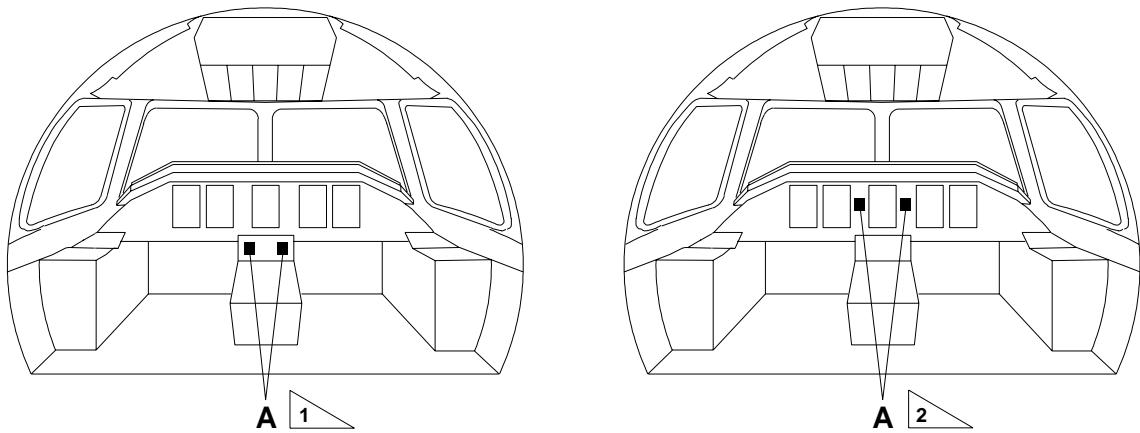
- (1) On the circuit breaker panel, open the RMU 1 and RMU 2 circuit breakers and attach a DO-NOT-CLOSE tag to them.

I. Removal (Figure 401)

SUBTASK 020-002-A

- (1) Release the two dzus fasteners (1).
- (2) Carefully pull the Radio Management Unit (2).
- (3) Disconnect the electrical connector (3).
- (4) Remove the Radio Management Unit (2).

**EFFECTIVITY: ALL**

 Radio Management Unit - Removal/Installation  
 Figure 401


**1** AIRCRAFT WITH RMU INSTALLED ON CONTROL PEDESTAL

**2** AIRCRAFT WITH RMU INSTALLED ON MAIN INSTRUMENT PANEL

145AMM230126.MCE B



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-81-01-400-801-A

EFFECTIVITY: ALL

3. RADIO MANAGEMENT UNIT - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the Radio Management Unit.

B. References

REFERENCE	DESIGNATION
AMM SDS 23-81-00/1	
AMM TASK 23-81-00-700-801-A/500	RADIO MANAGEMENT SYSTEM - OPERATIONAL TEST
TASK 23-81-01-212-801-A	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit - LH side
224		Cockpit - RH side

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

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Connect the electrical connector (3).
- (2) Put the Radio Management Unit (2) in its installation position.
- (3) Attach the two dzus fasteners (1).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the RMU 1 and RMU 2 circuit breakers and remove the DO-NOT-CLOSE tag from them.
- (2) Enter the RMU Setup page to verify if the parameters are in accordance with the airplane configuration and default operation ([AMM SDS 23-81-00/1](#)). If necessary configure them (TASK 23-81-01-212-801-A).
- (3) Do the Radio-Management-Unit operational test ( [AMM TASK 23-81-00-700-801-A/500](#)).

