



## AIRCRAFT MAINTENANCE MANUAL

### COMMUNICATION MANAGEMENT UNIT (CMU) - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH CMU

#### 1. General

- A. This section gives the procedures to remove and install the Communication Management Unit (CMU).
- 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
23-24-01-000-801-A	COMMUNICATION MANAGEMENT UNIT (CMU) - REMOVAL	AIRCRAFT WITH CMU
23-24-01-400-801-A	COMMUNICATION MANAGEMENT UNIT (CMU) - INSTALLATION	AIRCRAFT WITH CMU



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-24-01-000-801-A

EFFECTIVITY: AIRCRAFT WITH CMU

2. COMMUNICATION MANAGEMENT UNIT (CMU) - REMOVAL

A. General

- (1) This task gives the instructions to remove the CMU.

B. References

REFERENCE	DESIGNATION
AMM 06-42-01/101	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
213	113CZ	Forward electronic compartment

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	At the forward electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the Aircraft is deenergized ( [AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Open access door 113CZ (AMM 06-42-01/101).

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

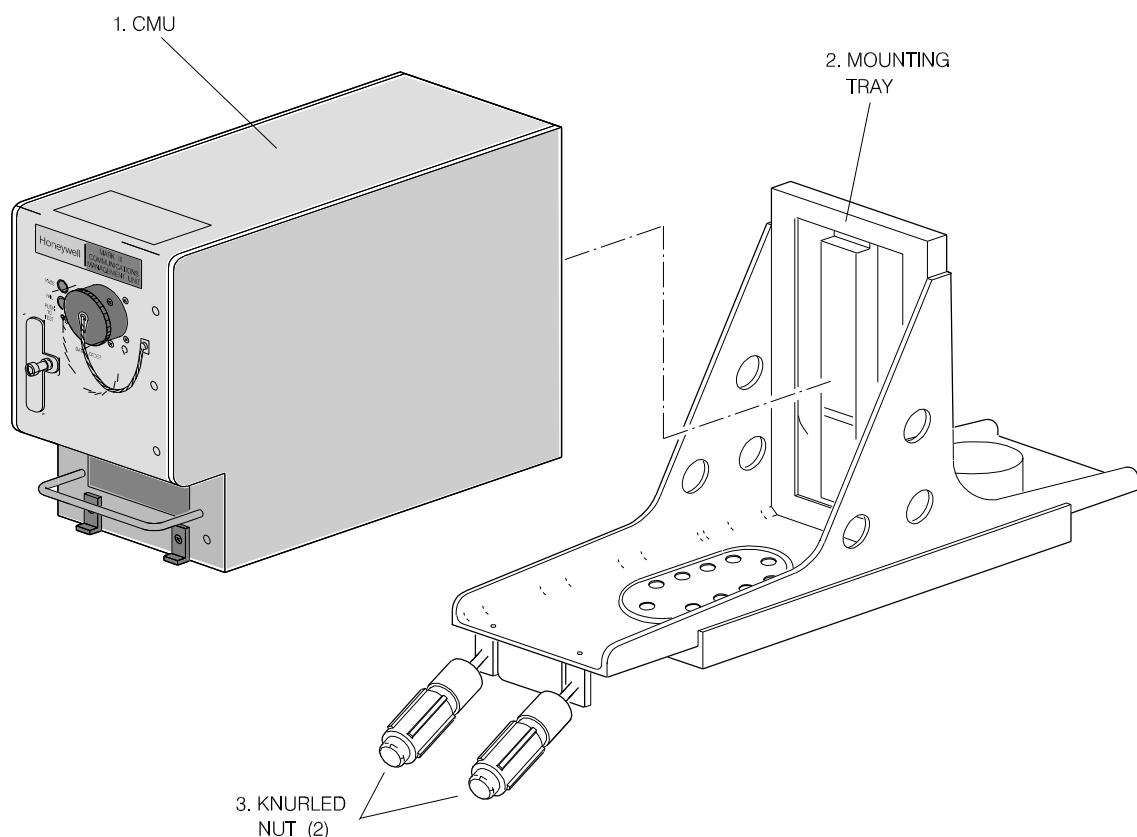
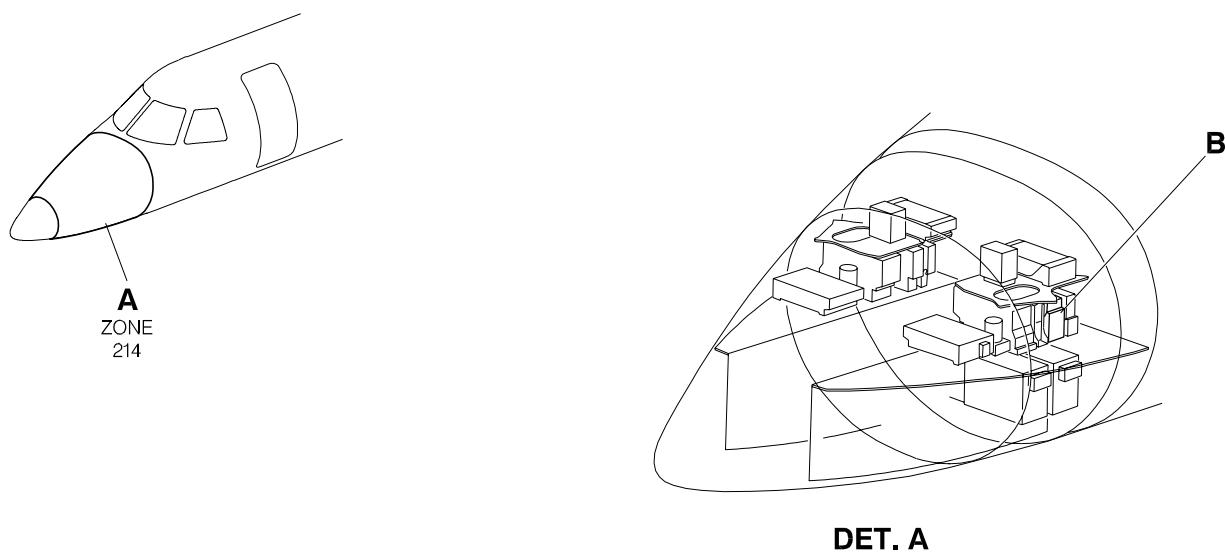
SUBTASK 020-002-A

- (1) Loosen the knurled nuts (3) which attach the CMU (1) to the mounting tray.
- (2) Carefully remove the CMU (1) from the mounting tray (2).
- (3) Install protection caps to the electric connectors.

**EFFECTIVITY: AIRCRAFT WITH CMU**

Communication Management Unit (CMU) - Removal/Installation

Figure 401



AMM230372.MCE



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-24-01-400-801-A

EFFECTIVITY: AIRCRAFT WITH CMU

3. COMMUNICATION MANAGEMENT UNIT (CMU) - INSTALLATION

A. General

- (1) This task gives the instructions to install the CMU.

B. References

REFERENCE	DESIGNATION
AMM 06-42-01/101	-
AMM TASK 23-24-00-700-801-A/500	CMU - FUNCTIONAL TEST WITH A PORTABLE ACARS TEST STATION (PATS)
AMM TASK 23-24-00-700-802-A/500	CMU - FUNCTIONAL TEST WITH AN ACARS GROUND STATION
AMM TASK 23-24-01-470-801-A/200	CMU SOFTWARE - UPLOADING
AMM TASK 23-24-01-750-801-A/200	CMU SOFTWARE VERSION - CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
213	113CZ	Forward electronic compartment

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	At the forward electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Remove the protection caps from the electric connectors.
- (2) Carefully install the CMU (1) onto the mounting tray (2).
- (3) Tighten the knurled nuts (3) to attach the CMU to the mounting tray (2).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-002-A

- (1) If it is a new unit, load the applicable software for the CMU. Refer to [AMM TASK 23-24-01-470-801-A/200](#).
- (2) Do the check of the CMU Software Version ([AMM TASK 23-24-01-750-801-A/200](#)).
- (3) Do the CMU operational test ([AMM TASK 23-24-00-700-801-A/500](#) or [AMM TASK 23-24-00-700-802-A/500](#)).
- (4) Close access door 113CZ (AMM 06-42-01/101).

