



AIRCRAFT
MAINTENANCE MANUAL

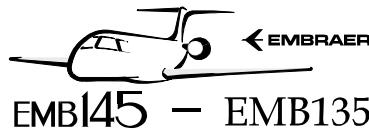
COCKPIT LOUDSPEAKER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the cockpit loudspeakers.
- B. There are two cockpit loudspeakers installed on the aircraft. They are installed on the cockpit ceiling, on the 225ALC (pilot) and 226ARC (copilot) panels. The removal/installation procedures of this section are the same for them.
- C. The cockpit loudspeaker permits audio to come to the cockpit crew.
- D. 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
23-51-04-000-801-A	COCKPIT LOUDSPEAKER - REMOVAL	ALL
23-51-04-400-801-A	COCKPIT LOUDSPEAKER - INSTALLATION	ALL



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TASK 23-51-04-000-801-A

EFFECTIVITY: ALL

2. COCKPIT LOUDSPEAKER - REMOVAL

A. General

- (1) This task gives the procedures to remove the cockpit loudspeaker.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
225	225ALC	Cockpit ceiling - LH side
226	226ARC	Cockpit ceiling - 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, LH and RH sides

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
 - INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1).
 - INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2).
- (2) Remove ceiling lining panels 225ALC or 226ARC (as applicable), from the cockpit ceiling ([AMM MPP 06-41-03/100](#)).



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

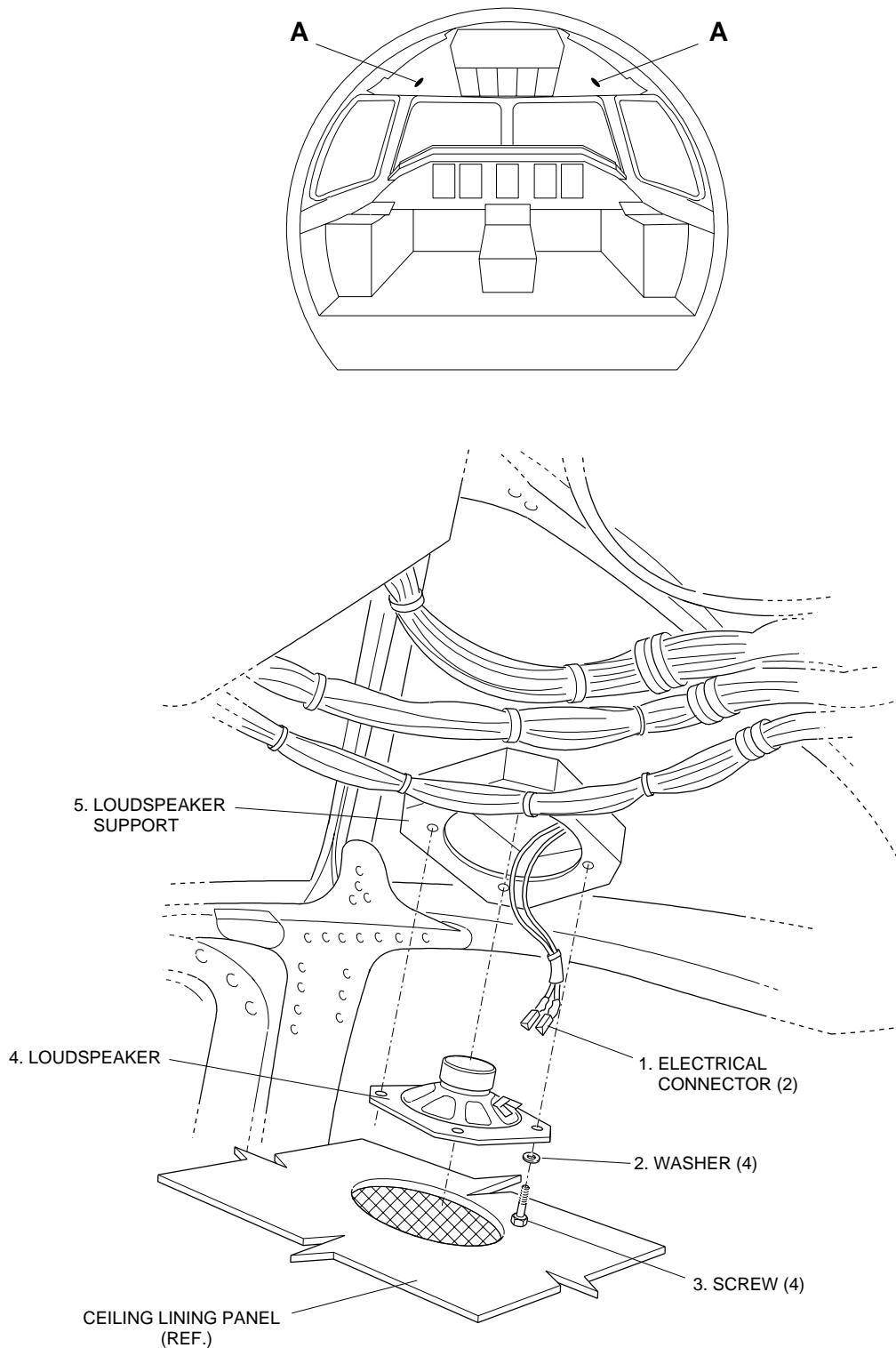
SUBTASK 020-002-A

- (1) Remove the four screws (3) and washers (2) that attach the loudspeaker (4) to the loudspeaker support (5).
- (2) Disconnect the electrical connector (1).
- (3) Remove the loudspeaker (4).

EFFECTIVITY: ALL

Cockpit Loudspeaker - Removal/Installation

Figure 401



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TASK 23-51-04-400-801-A

EFFECTIVITY: ALL

3. COCKPIT LOUDSPEAKER - INSTALLATION

A. General

- (1) This task gives the procedures to install the cockpit loudspeaker.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 23-51-00-700-801-A/500	AUDIO SYSTEM EMERGENCY MODE - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
225	225ALC	Cockpit ceiling - LH side
226	226ARC	Cockpit ceiling - 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, LH and RH sides

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Connect the electrical connector (1) to the loudspeaker (4).
- (2) Put the loudspeaker (4) in position.
- (3) Install the washers (2) and screws (3) to attach the loudspeaker (4) to the support (5).



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J. Follow-on

SUBTASK 842-002-A

- (1) Install ceiling lining panels 225ALC or 226ARC (as applicable) to the cockpit ceiling ([AMM MPP 06-41-03/100](#)).
- (2) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
 - INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1).
 - INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2).
- (3) Do the Audio System Operational Test ([AMM TASK 23-51-00-700-801-A/500](#)).