

## 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

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](#) ).

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

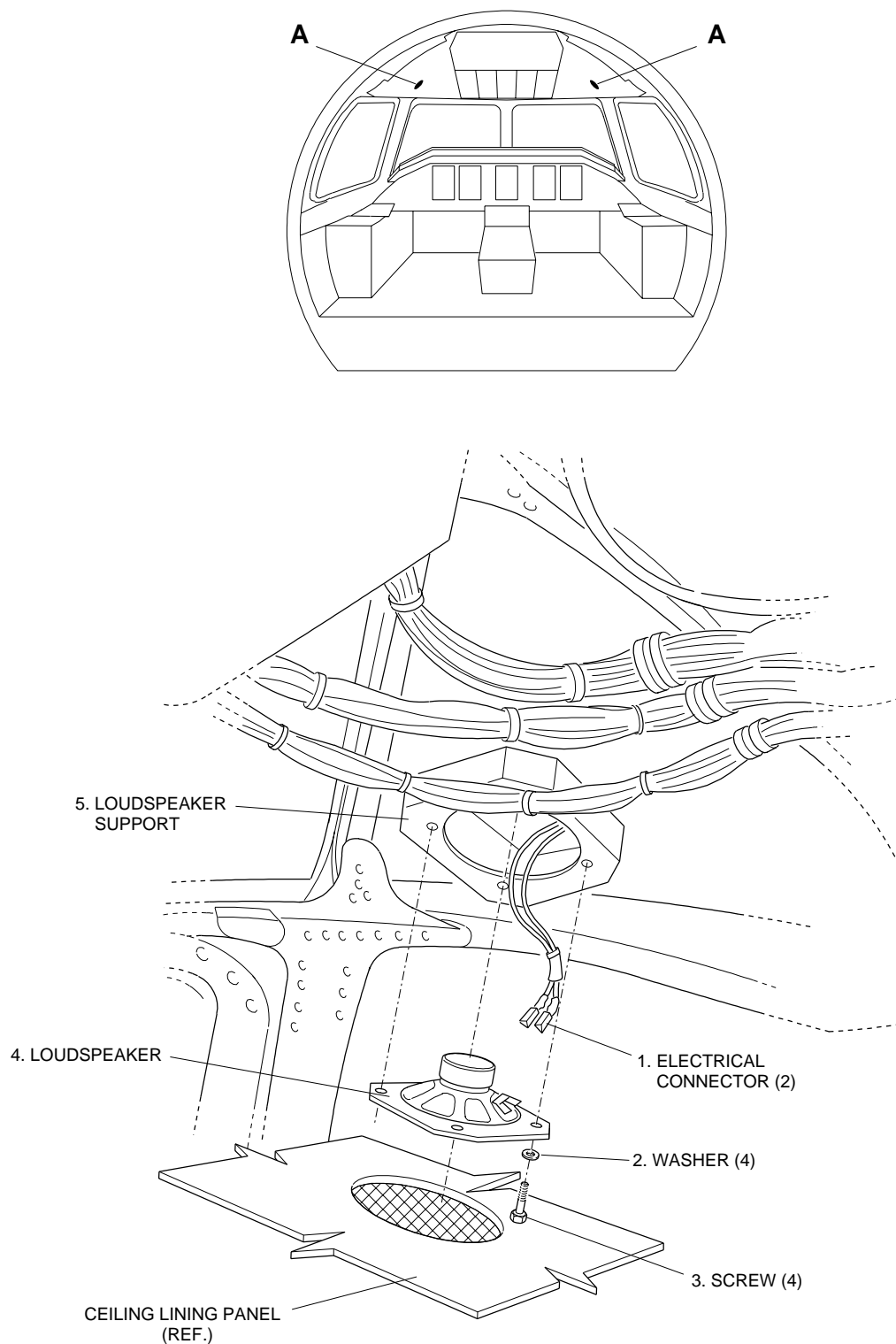
*SUBTASK 020-002-A*

- (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



DET. A

145AMM230201.MCE A

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 - OPERATION- AL 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).

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](#)).