



## OBSERVER HOT MIC PTT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

### 1. General

- A. This section gives the procedures to remove and install the Hot Mic PTT switch.
- B. The Hot Mic PTT switch is installed on the observer audio panel.
- C. 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
23-51-09-000-801-A	OBSERVER HOT MIC PTT SWITCH - RE- MOVAL	ALL
23-51-09-400-801-A	OBSERVER HOT MIC PTT SWITCH - IN- STALLATION	ALL



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-51-09-000-801-A

EFFECTIVITY: ALL

2. OBSERVER HOT MIC PTT SWITCH - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the Hot Mic PTT switch.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-51-06-000-801-A/400	OBSERVER-AUDIO JACK PANEL - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
224		Cockpit - RH side

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Soldering Iron	To remove the solder and release the wires	

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, RH side, behind the copilot seat

I. Preparation

*SUBTASK 841-002-A*

- (1) Remove the Observer Audio Jack Panel ( [AMM TASK 23-51-06-000-801-A/400](#)).

J. Removal ([Figure 401](#)) ([Figure 402](#))

*SUBTASK 020-002-A*

- (1) Remove the four screws (1) and washers (2).
- (2) Remove the acrylic panel (3).
- (3) Unsolder the wires.



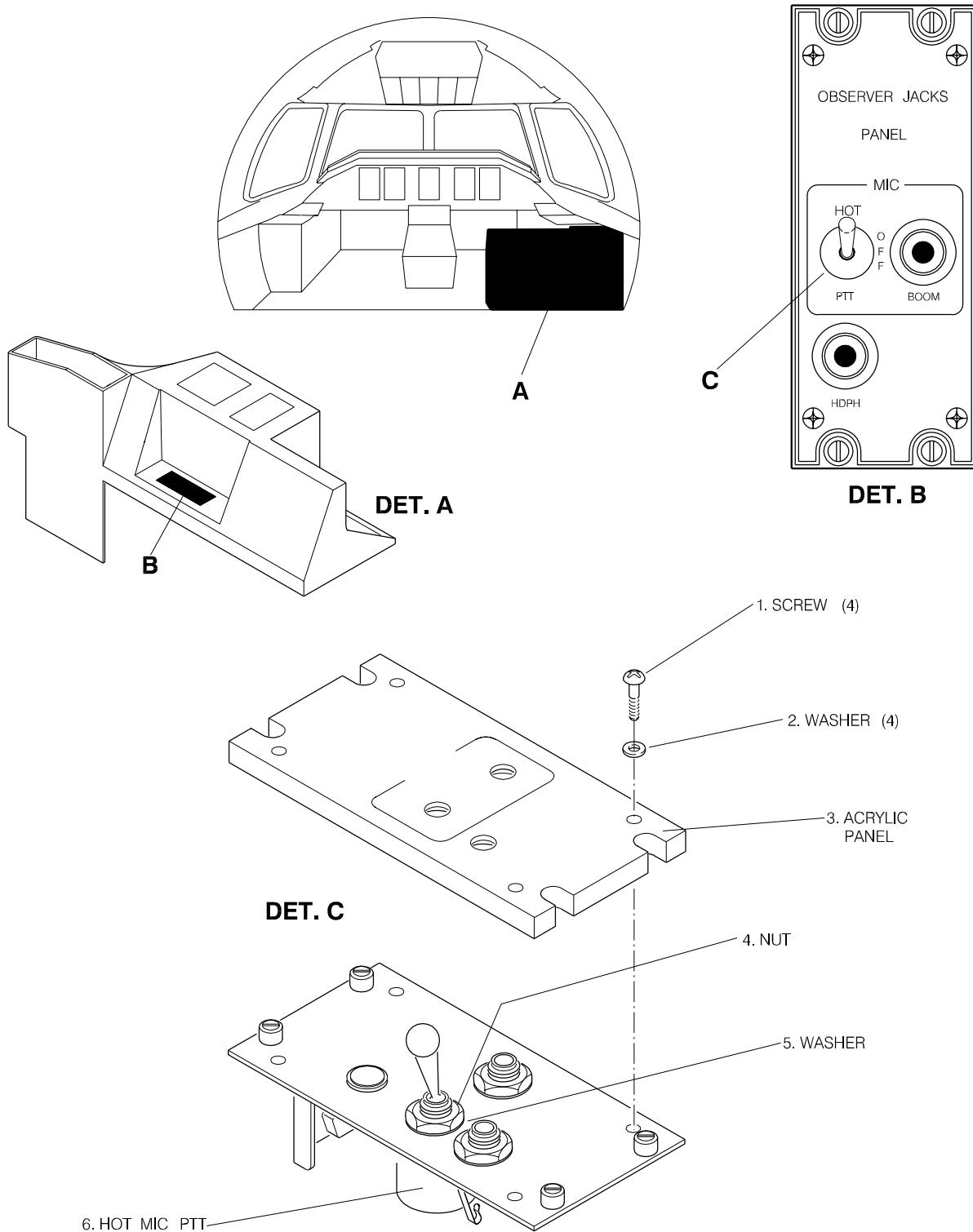
AIRCRAFT  
MAINTENANCE MANUAL

- (4) Remove the nut (4) and washer (5).
- (5) Remove the Hot Mic PTT switch (6).

**EFFECTIVITY: AIRCRAFT WITHOUT ACTIVE NOISE REDUCTION HEADSET**

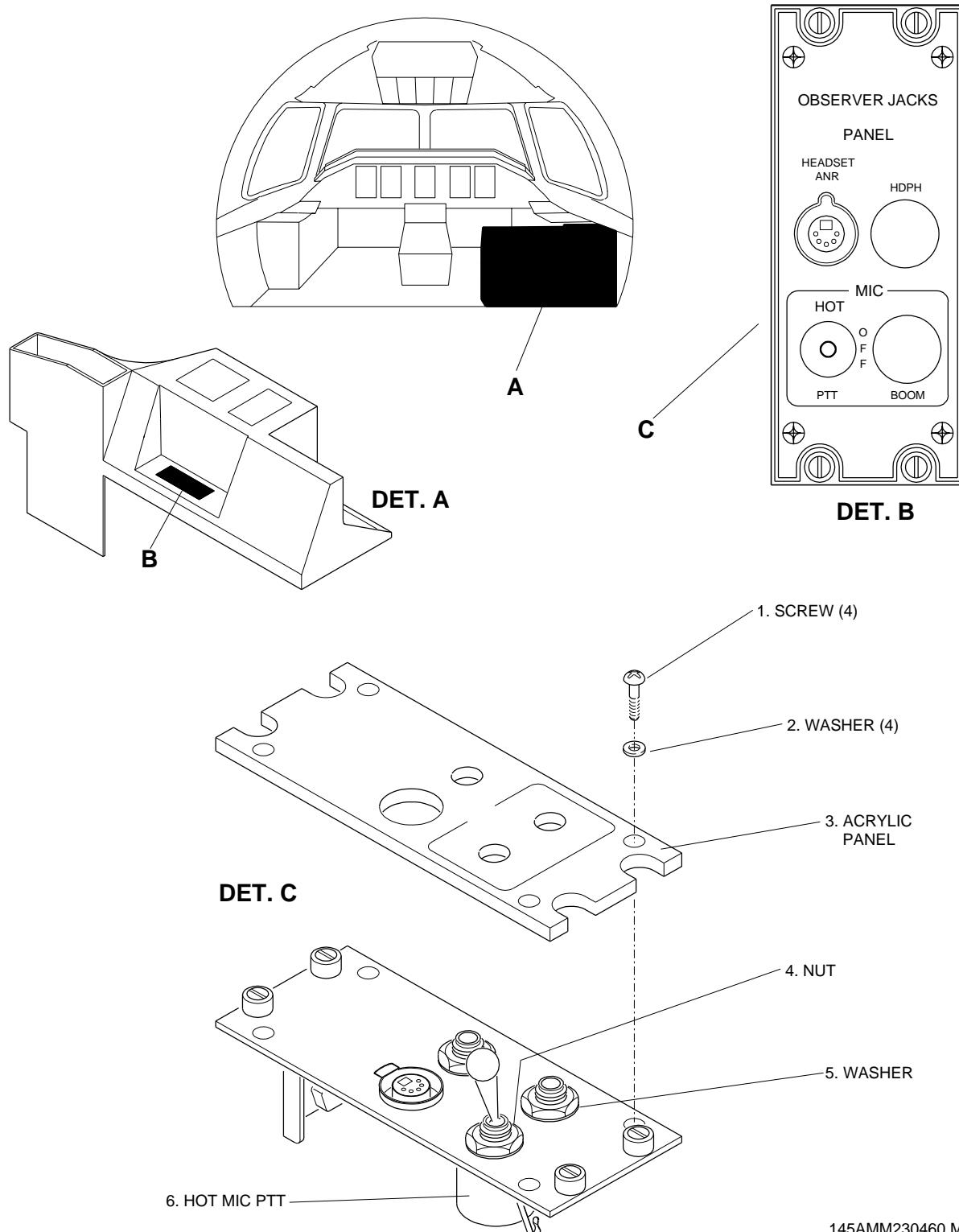
Observer Hot Mic PTT switch - Removal/Installation

Figure 401



MM23140.MCE A

**EFFECTIVITY: AIRCRAFT WITH ACTIVE NOISE REDUCTION HEADSET**  
 Observer Hot Mic PTT switch - Removal/Installation  
 Figure 402



145AMM230460.MCE



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TASK 23-51-09-400-801-A

EFFECTIVITY: ALL

3. OBSERVER HOT MIC PTT SWITCH - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the Hot Mic PTT switch.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-51-00-700-802-A/500	AUDIO SYSTEM - OPERATIONAL TEST
AMM TASK 23-51-06-400-801-A/400	OBSERVER-AUDIO JACK PANEL - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
224		Cockpit - RH side

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Soldering Iron	To solder the wires	

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, RH side, behind the copilot seat

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) Install the Hot Mic PTT switch (6).
- (2) Install the washer (5) and nut (4).
- (3) Solder the wires.
- (4) Install the acrylic panel (3).



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- (5) Install the four washers (2) and screws (1).

### J. Follow-on

#### SUBTASK 842-002-A

- (1) Install the Observer Audio Jack Panel ( [AMM TASK 23-51-06-400-801-A/400](#)).
- (2) Do the Audio System Operational Test ( [AMM TASK 23-51-00-700-802-A/500](#)).

