



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

LH/RH COMPLEMENT CONSOLE - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the LH/RH complement console.
- 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
25-12-08-000-801-A	LH/RH COMPLEMENT CONSOLE - REMOVAL	ACFT MODEL(S) EMB-145
25-12-08-400-801-A	LH/RH COMPLEMENT CONSOLE - INSTALLATION	ACFT MODEL(S) EMB-145
25-12-08-000-802-A	LH/RH COMPLEMENT CONSOLE - REMOVAL	ACFT MODEL(S) EMB-145
25-12-08-400-802-A	LH/RH COMPLEMENT CONSOLE - INSTALLATION	ACFT MODEL(S) EMB-145



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-12-08-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. LH/RH COMPLEMENT CONSOLE - REMOVAL

A. General

- (1) This task gives the procedures to remove the LH/RH complement console.

B. Zones and Accesses

Not Applicable

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	Cockpit

H. Preparation

*SUBTASK 841-005-B*

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

- (a) INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1);
- (b) INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2);
- (c) INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).

- (2) Move laterally the pilot seats to improve the access to the LH/RH complement consoles.

NOTE: If you removed the pilot seats before, do not do the step above.

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

*SUBTASK 020-005-B*

- (1) Disconnect the headset jack plugs (HAND MIC, BOOM MIC and PHONE) from the pilot/copilot audio jack panel (2).
- (2) Release the two dzus fasteners (1) that attach the pilot/copilot audio jack panel (2).



## AIRCRAFT MAINTENANCE MANUAL

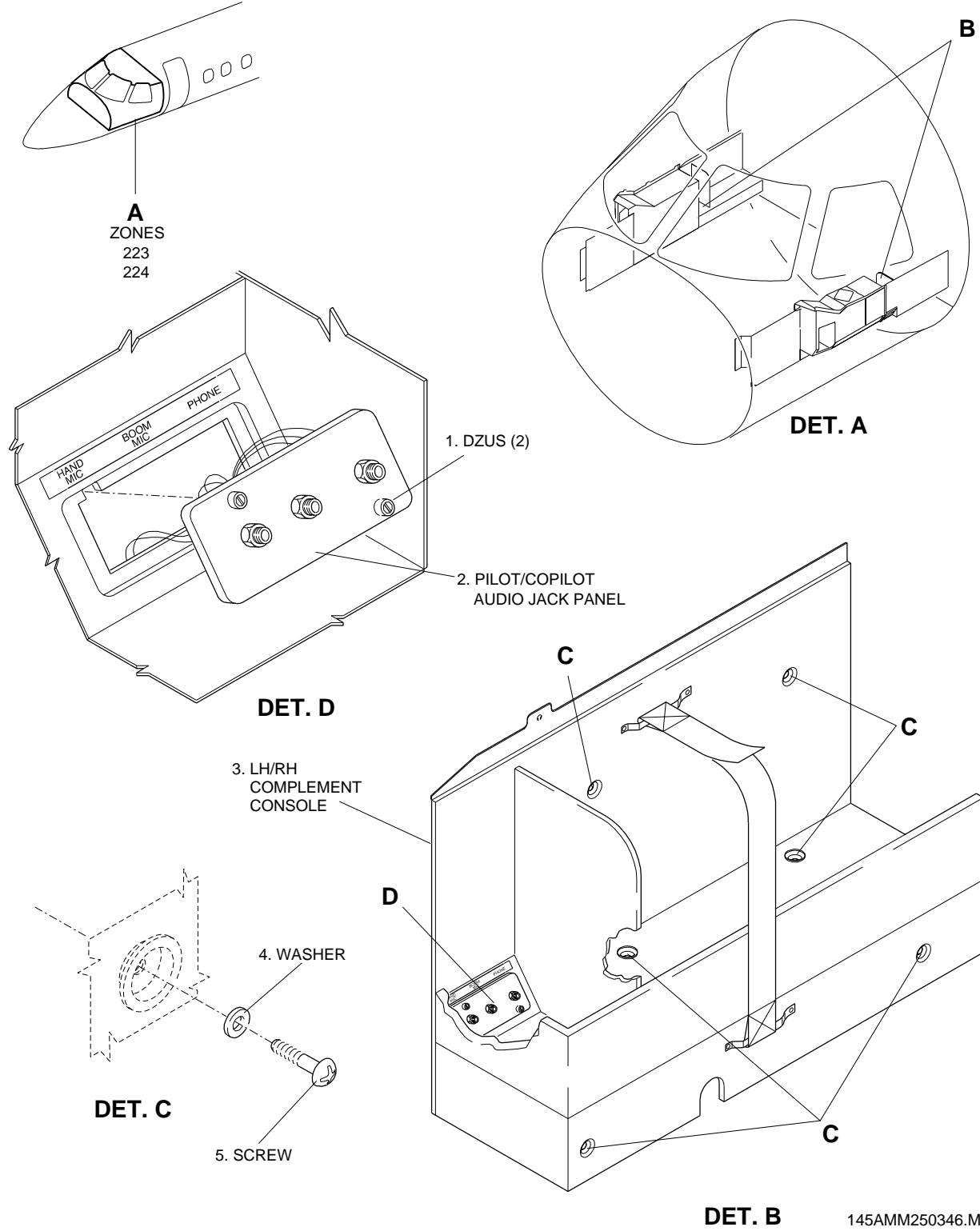
- (3) Pass the pilot/copilot audio jack panel (2) through the opening in the LH/RH complement console.

NOTE: Be careful not to cause damage to the attached wiring.

- (4) Loosen the screws (5) and washers (4) that attach the LH/RH complement console (3).

- (5) Remove the LH/RH complement console (3).

**EFFECTIVITY: ACFT MODEL(S) EMB-145**  
**LH/RH Complement Console - Removal/Installation**  
**Figure 401**



**DET. B**

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EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-12-08-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. LH/RH COMPLEMENT CONSOLE - INSTALLATION

## A. General

- (1) This task gives the procedures to install the LH/RH complement console.

## B. References

REFERENCE	DESIGNATION
AMM TASK 25-11-01-400-801-A/400	PILOT SEAT - INSTALLATION

## C. Zones and Accesses

Not Applicable

## D. Tools and Equipment

Not Applicable

## E. Auxiliary Items

Not Applicable

## F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
VF1112-1/2IN	PVC foam adhesive tape	AR

## G. Expandable Parts

Not Applicable

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

## I. Installation (Figure 401)

## SUBTASK 420-005-B

NOTE: If necessary replace the PVC foam adhesive tape.

- (1) Install the LH/RH complement console (3) with the screws (5) and washers (4).
- (2) Pass the pilot/copilot audio jack panel (2) through the opening in the LH/RH complement console.

NOTE: Be very careful not to cause damage to the attached wiring.
- (3) Install the pilot/copilot audio jack panel (2) with the dzus fasteners (1).
- (4) Connect the headset jack plugs (HAND MIC, BOOM MIC and PHONE) into the pilot/copilot audio jacks panel (2).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-005-B

- (1) Move laterally the pilot/copilot seat to its original position.

NOTE: If you removed one of the seats, install it again ([AMM TASK 25-11-01-400-801-A/400](#)).

- (2) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - (a) INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1);
  - (b) INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2);
  - (c) INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-12-08-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

4. LH/RH COMPLEMENT CONSOLE - REMOVAL

A. General

- (1) This task gives the procedures to remove the LH/RH complement console.

B. Zones and Accesses

Not Applicable

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	Cockpit

H. Preparation

*SUBTASK 841-006-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);
- INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).

- (2) Move laterally the pilot seats to improve the access to the LH/RH complement consoles.

NOTE: If you removed the pilot seats before, do not do the step above.

I. Removal (Figure 401)

*SUBTASK 020-006-A*

- Disconnect the headset jack plugs (HAND MIC, BOOM MIC and PHONE) from the pilot/copilot audio jack panel (2).
- Release the two dzus fasteners (1) that attach the pilot/copilot audio jack panel (2).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

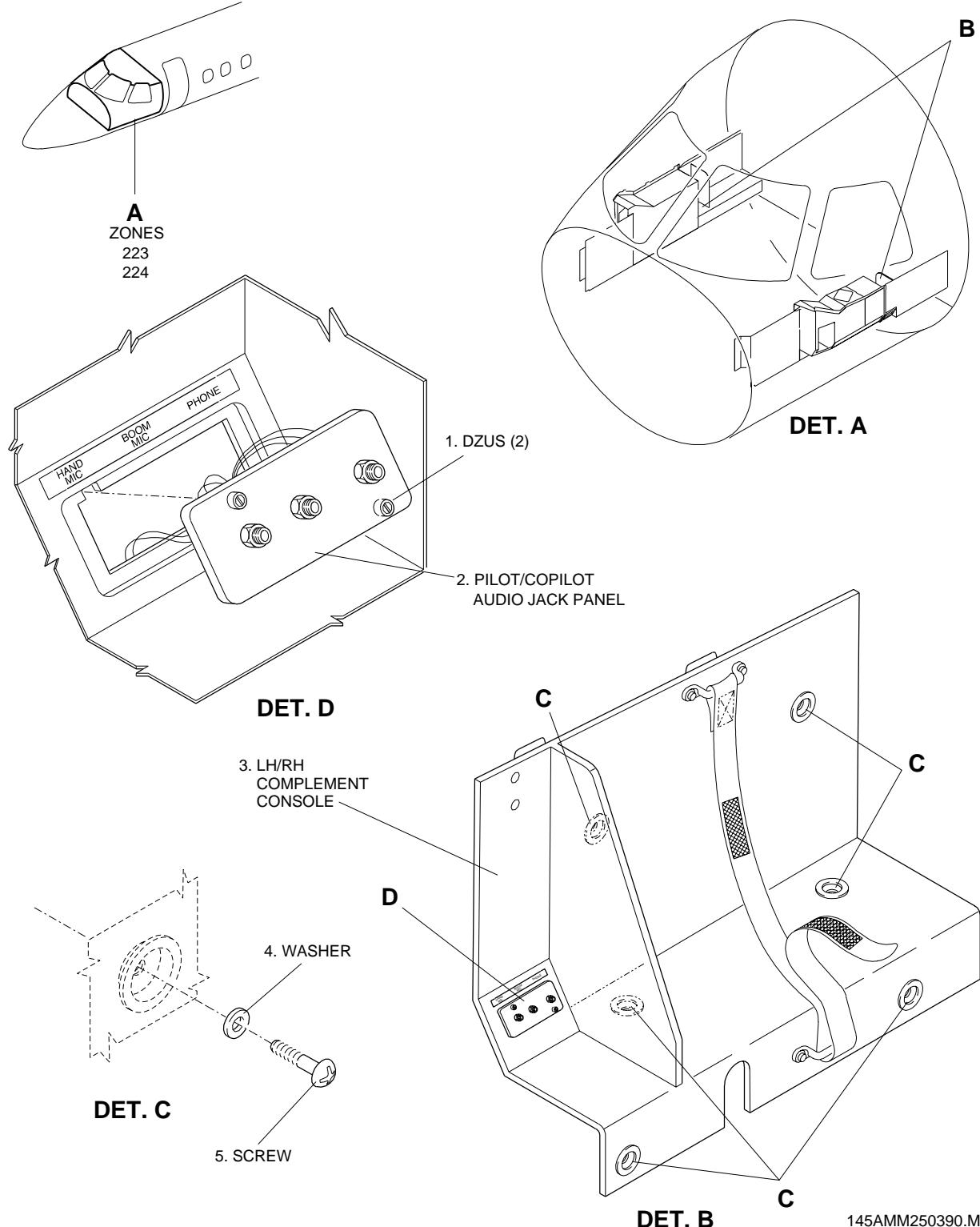
- (3) Pass the pilot/copilot audio jack panel (2) through the opening in the LH/RH complement console.

NOTE: Be careful not to cause damage to the attached wiring.

- (4) Loosen the screws (5) and washers (4) that attach the LH/RH complement console (3).

- (5) Remove the LH/RH complement console (3).

**EFFECTIVITY: ACFT MODEL(S) EMB-145**  
**LH/RH Complement Console - Removal/Installation**  
**Figure 402**



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EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-12-08-400-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

5. LH/RH COMPLEMENT CONSOLE - INSTALLATION

A. General

- (1) This task gives the procedures to install the LH/RH complement console.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-11-01-400-801-A/400	PILOT SEAT - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
VF 1112-1/2IN	PVC foam adhesive tape	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

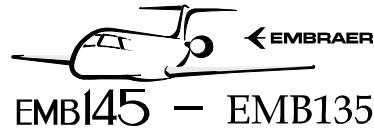
QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Installation (Figure 401)

*SUBTASK 420-006-A*

NOTE: If necessary replace the PVC foam adhesive tape.

- (1) Install the LH/RH complement console (3) with the screws (5) and washers (4).
- (2) Pass the pilot/copilot audio jack panel (2) through the opening in the LH/RH complement console.  
NOTE: Be very careful not to cause damage to the attached wiring.
- (3) Install the pilot/copilot audio jack panel (2) with the dzus fasteners (1).
- (4) Connect the headset jack plugs (HAND MIC, BOOM MIC and PHONE) into the pilot/copilot audio jacks panel (2).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-006-A

- (1) Move laterally the pilot/copilot seat to its original position.

NOTE: If you removed one of the seats, install it again ([AMM TASK 25-11-01-400-801-A/400](#)).

- (2) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - (a) INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1);
  - (b) INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2);
  - (c) INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).

