



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

LH/RH COCKPIT LINING - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the LH/RH cockpit lining.
- 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
25-12-09-000-801-A	LH/RH COCKPIT LINING - REMOVAL	ALL
25-12-09-400-801-A	LH/RH COCKPIT LINING - INSTALLATION	ALL



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TASK 25-12-09-000-801-A

EFFECTIVITY: ALL

2. LH/RH COCKPIT LINING - REMOVAL

A. General

- (1) This task gives the procedures to remove the LH/RH cockpit lining.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-12-08-000-801-A/400	-
SRM 51-20-01	-

C. Zones and Accesses

Not Applicable

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	Cockpit

I. Removal ([Figure 401](#)) ([Figure 402](#)) ([Figure 403](#))

SUBTASK 020-002-A

- (1) Remove the LH cockpit lining ([Figure 401](#)) ([Figure 403](#)) as follows:
- At the front vertical lining panel (6), pull the trim cap (13). Refer to DET. C.
 - At the front vertical lining panel (6), remove the screws (11) and washers (12) that attach the handle (10) to the structure.
 - Remove the screws (4) and washers (5) that attach the front vertical lining panel (6).
 - Remove the screws (7) and washers (8) that attach the rear vertical lining panel (9). Refer to DET. D.
 - Remove the LH complement console AMM TASK 25-12-08-000-801-A/400.



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- (f) Remove the sealant from around the horizontal lining panel (3) (SRM 51-20-01), if applicable. Refer to DET. B.

- (g) Remove the screws (1) and washers (2) that attach the horizontal lining panel (3).

CAUTION: TO MAKE THE INSTALLATION EASIER, DO NOT REMOVE THE HOSE (15) TOGETHER WITH THE HORIZONTAL LINING PANEL (3). THE HOSE (15) MUST STAY INSTALLED AT THE FUSELAGE.

- (h) Carefully, lift the horizontal lining panel (3) to release the tie down strap (14) from the hose (15). Refer to VIEW E.

- (i) Remove the horizontal lining panel (3).

- (j) Make sure that hoses (15) are not damaged.

- (k) **NOTE:** Remove the hose (15) only if it is damaged.

If the hose (15) is damaged, carefully pull the hose (15) to remove it.

- (2) Remove the RH cockpit lining ([Figure 402](#)) ([Figure 403](#)) as follows:

- (a) At the front vertical lining panel (6), pull the trim cap (13). Refer to DET. C.

- (b) At the front vertical lining panel (6), remove the screws (11) and washers (12) that attach the handle (10) to the structure.

- (c) Remove the screws (4) and washers (5) that attach the front vertical lining panel (6).

- (d) Remove the screws (7) and washers (8) that attach the rear vertical lining panel (9). Refer to DET. D.

- (e) Remove the RH complement console AMM TASK 25-12-08-000-801-A/400.

- (f) Remove the sealant from around the horizontal lining panel (3) (SRM 51-20-01), if applicable. Refer to DET. B.

- (g) Remove the screws (1) and washers (2) that attach the horizontal lining panel (3).

CAUTION: TO MAKE THE INSTALLATION EASIER, DO NOT REMOVE THE HOSE (15) TOGETHER WITH THE HORIZONTAL LINING PANEL (3). THE HOSE (15) MUST STAY INSTALLED AT THE FUSELAGE.

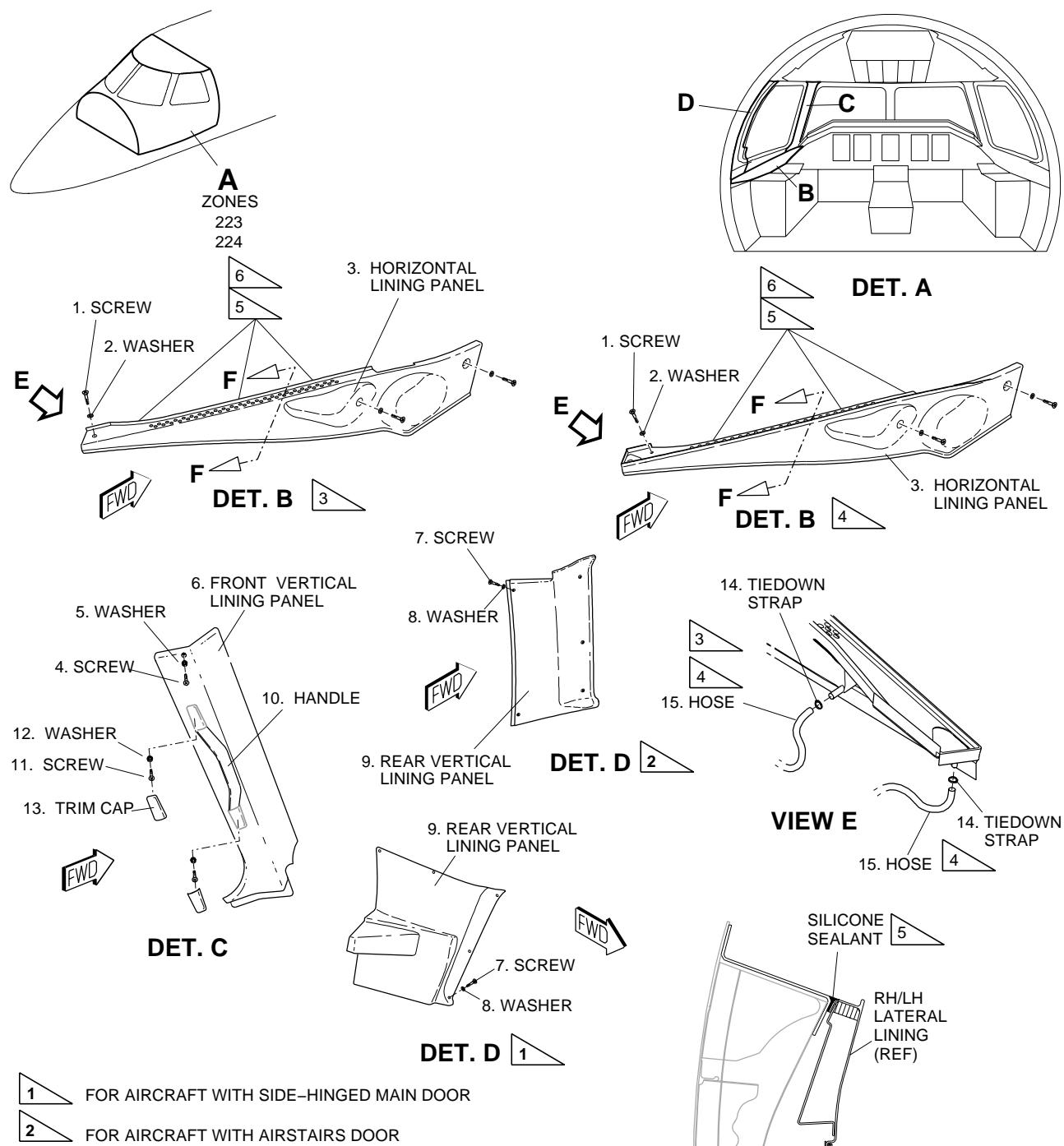
- (h) Carefully, lift the horizontal lining panel (3) to release the tie down strap (14) from the hose (15). Refer to VIEW E.

- (i) Remove the horizontal lining panel (3).

- (j) Make sure that hoses (15) are not damaged.

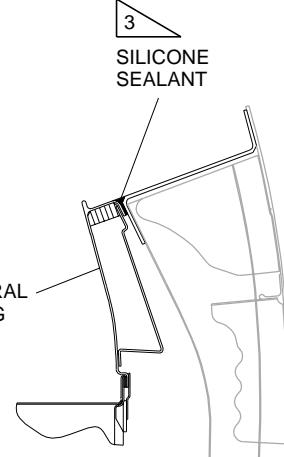
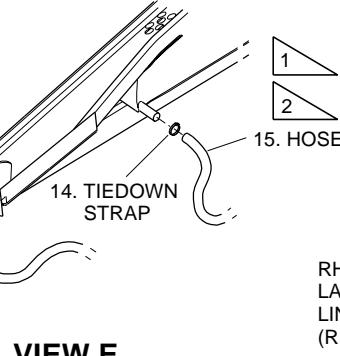
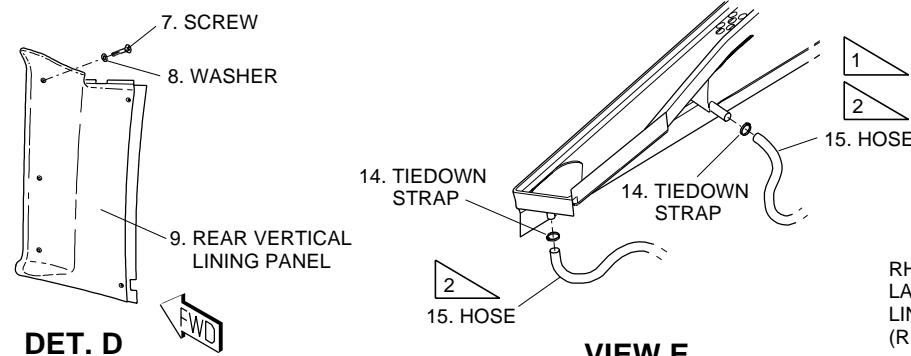
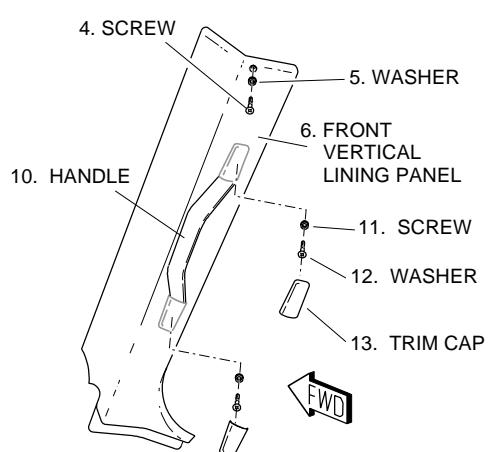
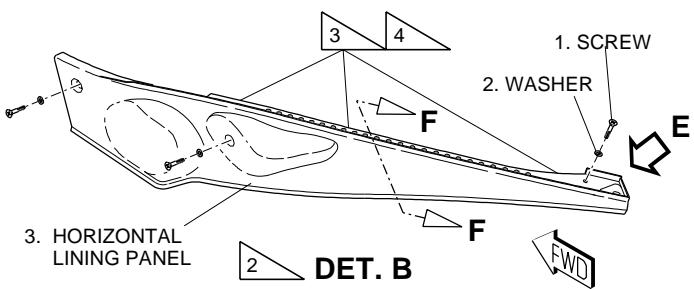
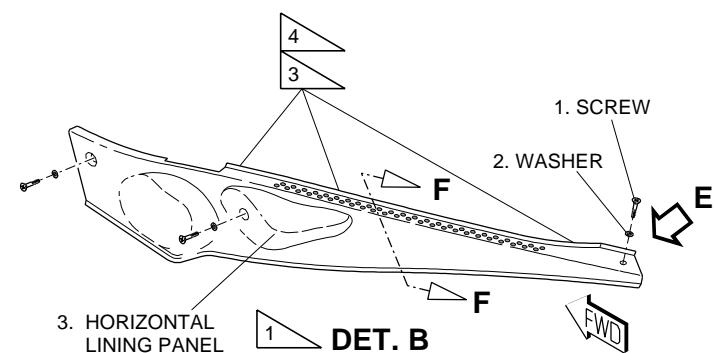
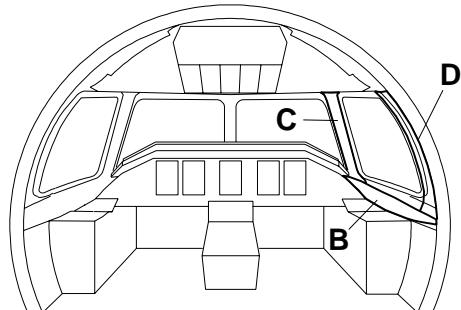
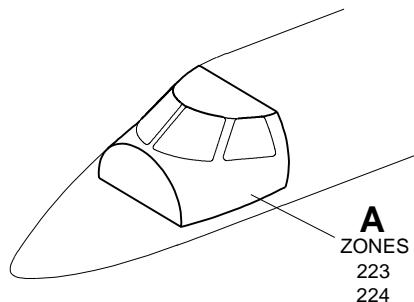
- (k) **NOTE:** Remove the hose (15) only if it is damaged.

If the hose (15) is damaged, carefully pull the hose (15) to remove it.

EFFECTIVITY: ALL
LH Cockpit Lining - Removal/Installation
Figure 401


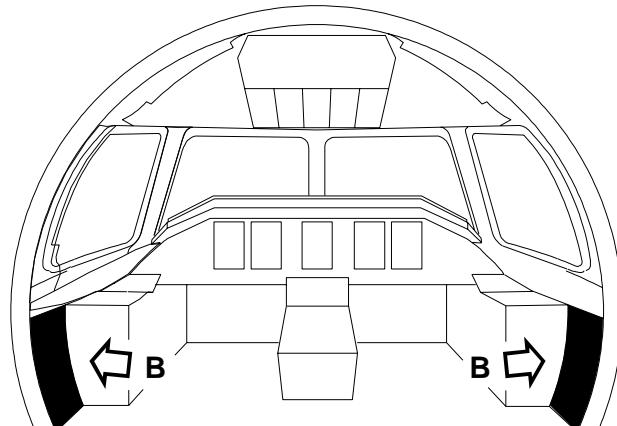
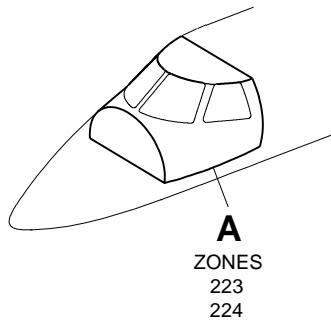
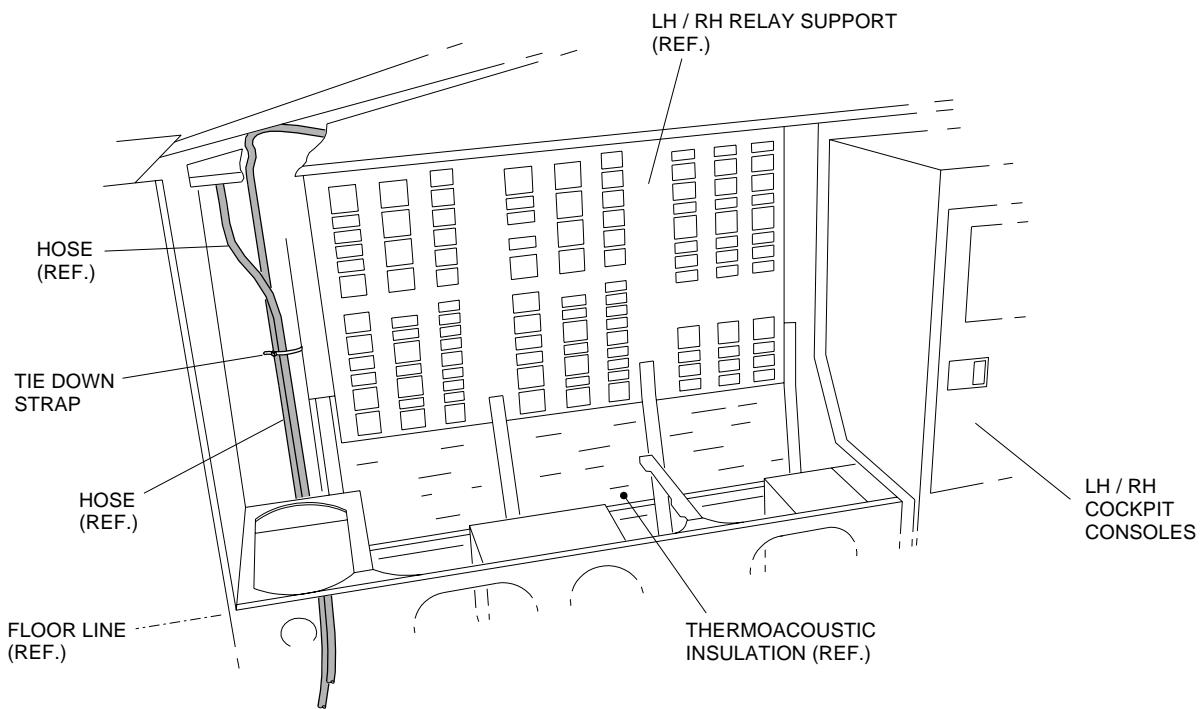
EFFECTIVITY: ALL

RH Cockpit Lining - Removal/Installation
Figure 402



- 1** PRE-MOD S.B. 145-25-0211
- 2** POST-MOD S.B. 145-25-0211
- 3** SEALANT RTV 157
- 4** POLYURETHANE PAINT

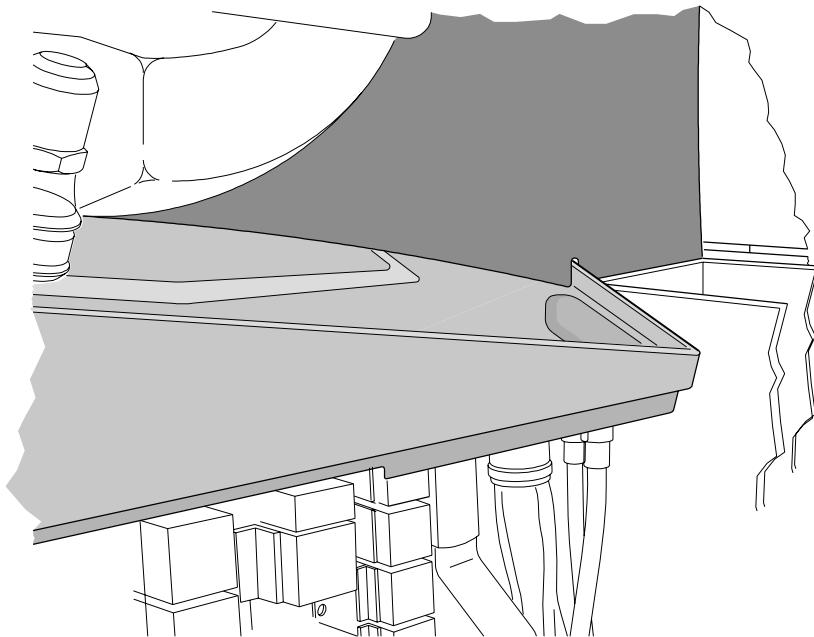
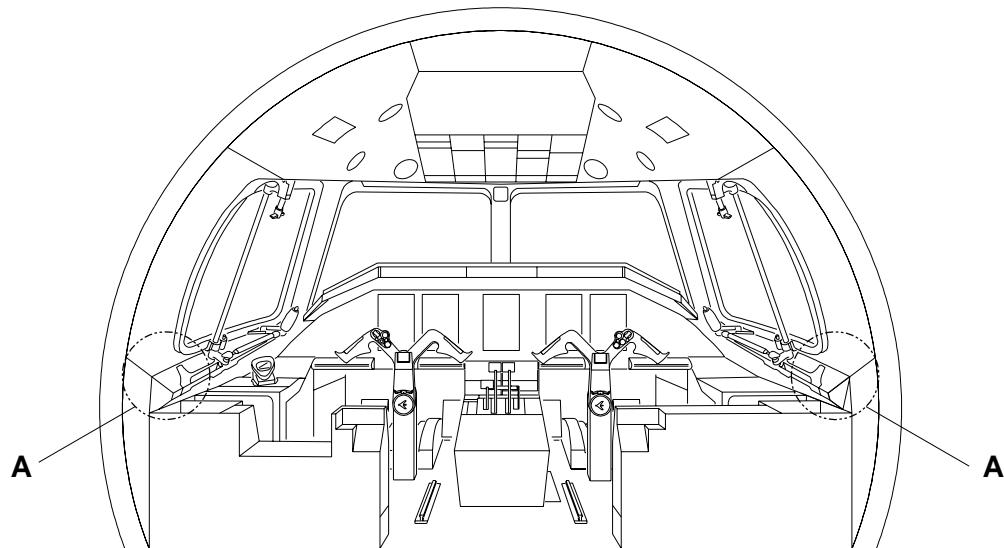
EM145AMM250385D.DGN

EFFECTIVITY: ALL
LH/RH Cockpit Lining - Routing of Drain Hose
Figure 403

DET. A

VIEW B
EM145AMM252427A.DGN

EFFECTIVITY: FOR AIRCRAFT POST MOD S.B. 145-25-0211

Fitting of Rear Vertical and Horizontal Lining Panels

Figure 404



DET. A

145AMM252617.MCE



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TASK 25-12-09-400-801-A

EFFECTIVITY: ALL

3. LH/RH COCKPIT LINING - INSTALLATION

A. General

(1) This task gives the procedures to install the LH/RH cockpit lining.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-12-08-400-801-A/400	-
IPC 25-12-03	COCKPIT SIDEWALL FAIRING
S.B.145-25-0211	-
SRM 51-20-01	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
RTV 157	Sealant	AR
MEP 10-069	Polyurethane Paint	AR
VF1112-1/2 IN	PVC foam adhesive tape	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Tiedown Strap	IPC 25-12-03	AR

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Installation (Figure 401) (Figure 402) (Figure 403) (Figure 404)

SUBTASK 420-002-A

(1) Install the LH cockpit lining (Figure 401) (Figure 403) (Figure 404) as follows:

NOTE: If necessary replace the PVC foam adhesive tape.

- (a) If you removed a damaged hose (15), install a new one.

CAUTION: MAKE SURE THAT THE HOSE (15) IS ROUTED CORRECTLY. THE HOSE (15) MUST BE POSITIONED BESIDE THE LH/RH RELAY SUPPORT. THE END OF THE HOSE (15) MUST BE POSITIONED BELOW THE FLOOR LINE. AN INCORRECT POSITION OF THE HOSE (15) CAN CAUSE DAMAGE TO THE AIRCRAFT. REFER TO FIG. 403, VIEW B.

- (b) Use new tie down strap (14) to attach the hose (15) to the horizontal lining panel (3) and to attach the hose (15) to the structure. Refer to Figure 401, VIEW E and Figure 403, VIEW B.
- (c) Install the horizontal lining panel (3) with the screws (1) and washers (2). Refer to Figure 401, DET. B.
- (d) If the sealant was removed from the horizontal lining panel (3), do the steps bellow:
- 1 Apply a bead of silicone sealant in the existing gap between the horizontal lining panel (3) and the console panels (SRM 51-20-01). Refer to Figure 401, DET. F.
 - 2 Apply gray opaque polyurethane coating on the sealant to finish the surface.
- (e) Install the LH complement console AMM TASK 25-12-08-400-801-A/400.
- (f) For aircraft POST MOD [S.B.145-25-0211](#), rework the rear vertical lining panel, if necessary, to fit to the horizontal lining panel. Refer to Figure 404, DET. A.

CAUTION: MAKE SURE THAT THE REAR VERTICAL LINING PANEL IS CORRECTLY POSITIONED OVER THE HORIZONTAL LINING PANEL.

- (g) Install the rear vertical lining panel (9) with the screws (7) and washers (8). Refer to Figure 401, DET. D.
- NOTE:** Make sure that the gap between rear vertical lining panel and bulkhead must be at maximum 10 mm (0.39 in).
- (h) Install the front vertical lining panel (6) with the screws (4) and washers (5). Refer to DET. C.
- (i) At the front vertical lining panel (6), install the handle (10) to the structure with the screws (11) and washers (12).
- (j) At the front vertical lining panel (6), push the trim cap (13).
- (2) Install the RH cockpit lining (Figure 402) (Figure 403) (Figure 404) as follows:
- NOTE:** If necessary replace the PVC foam adhesive tape.
- (a) If you removed a damaged hose (15), install a new one.

CAUTION: MAKE SURE THAT THE HOSE (15) IS ROUTED CORRECTLY. THE HOSE (15) MUST BE POSITIONED BESIDE THE LH/RH RELAY SUPPORT. THE END OF THE HOSE (15) MUST BE POSITIONED BELOW THE FLOOR LINE. AN INCORRECT POSITION OF THE HOSE (15) CAN CAUSE DAMAGE TO THE AIRCRAFT. REFER TO FIG. 403, VIEW B.

- (b) Use new tie down strap (14) to attach the hose (15) to the horizontal lining panel (3) and to attach the hose (15) to the structure. Refer to Figure 402, VIEW E and Figure 403, VIEW B.
- (c) Install the horizontal lining panel (3) with the screws (1) and washers (2). Refer to Figure 402, DET. B.
- (d) If the sealant was removed from the horizontal lining panel (3), do the steps bellow:
 - 1 Apply a bead of silicone sealant in the existing gap between the horizontal lining panel (3) and the console panels (SRM 51-20-01). Refer to Figure 402, DET. F.
 - 2 Apply gray opaque polyurethane coating on the sealant to finish the surface.
- (e) Install the RH complement console AMM TASK 25-12-08-400-801-A/400.
- (f) For aircraft POST MOD [S.B.145-25-0211](#), rework the rear vertical lining panel, if necessary, to fit to the horizontal lining panel. Refer to Figure 404, DET. A.

CAUTION: MAKE SURE THAT THE REAR VERTICAL LINING PANEL IS CORRECTLY POSITIONED OVER THE HORIZONTAL LINING PANEL.

- (g) Install the rear vertical lining panel (9) with the screws (7) and washers (8). Refer to Figure 402, DET. D.

NOTE: Make sure that the gap between rear vertical lining panel and bulkhead must be at maximum 10 mm (0.39 in).
- (h) Install the front vertical lining panel (6) with the screws (4) and washers (5). Refer to DET. C.
- (i) At the front vertical lining panel (6), install the handle (10) to the structure with the screws (11) and washers (12).
- (j) At the front vertical lining panel (6), push the trim cap (13).