



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

SIDEWALL LINING PANELS - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the sidewall lining panels.
- 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
25-23-01-000-801-A	SIDEWALL LINING PANELS - REMOVAL	ACFT MODEL(S) EMB-145
25-23-01-400-801-A	SIDEWALL LINING PANELS - INSTALLA- TION	ACFT MODEL(S) EMB-145



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TASK 25-23-01-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. SIDEWALL LINING PANELS - REMOVAL

A. General

- (1) This task gives the procedures to remove the sidewall lining panels.
- (2) The sidewall lining panels are installed along the length of the passenger cabin, at zones 231, 232, 241, 242, 251, 252, 261, and 262.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-21-01-000-801-A/400	-
AMM TASK 25-26-03-000-801-A/400	-
AMM TASK 25-26-04-000-801-A/400	-
ITEM GSE 369	CATCH RELEASE TOOL, WINDOW REVEAL

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 369	Catch Release Tool, Window Reveal	To aid the window reveal assembly removal from the sidewall lining panel	

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	Passenger cabin

I. Preparation

SUBTASK 841-023-A

- (1) Remove the passenger seats (AMM TASK 25-21-01-000-801-A/400), as applicable.
- (2) Remove the emergency equipment stowage unit (AMM TASK 25-26-03-000-801-A/400), if applicable.
- (3) Remove the LH wardrobe (AMM TASK 25-26-04-000-801-A/400), if applicable.



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

SUBTASK 020-026-A

- (1) Remove the sidewall lining panels as follows:

NOTE: You must use this procedure for all types of sidewall lining panels.

- (a) Pull down and remove the trim strips (4).

NOTE: • If necessary, you can use a pin in the hole (3) to help you pull down the trim strip (4).

• The RH/LH forward sidewall lining panels (Figure 401, DET. D) have only one trim strip.

- (b) Remove the screws (5) and washers (6).

- (c) Remove the sidewall lining panel (2).

NOTE: If necessary, remove the window reveal assembly (1) before or after the removal of the sidewall lining panel (2).

- (2) For aircraft with window reveal fastened with turnlock fastener, remove the window reveal assembly (1) as follows (see DET. G):

- (a) Turn the lateral locks (3) until they are released from the sidewall lining panel.

- (b) Push the striker latch (2) to release the window reveal assembly (1).

- (c) Remove the window reveal assembly (1).

- (3) For aircraft with window reveal fastened with spring-action catch, remove the window reveal assembly (1) as follows (see DET. G):

- (a) Open the shade (7).

- (b) Insert a pin in the hole on the bottom of the window to release the center clamp (9).

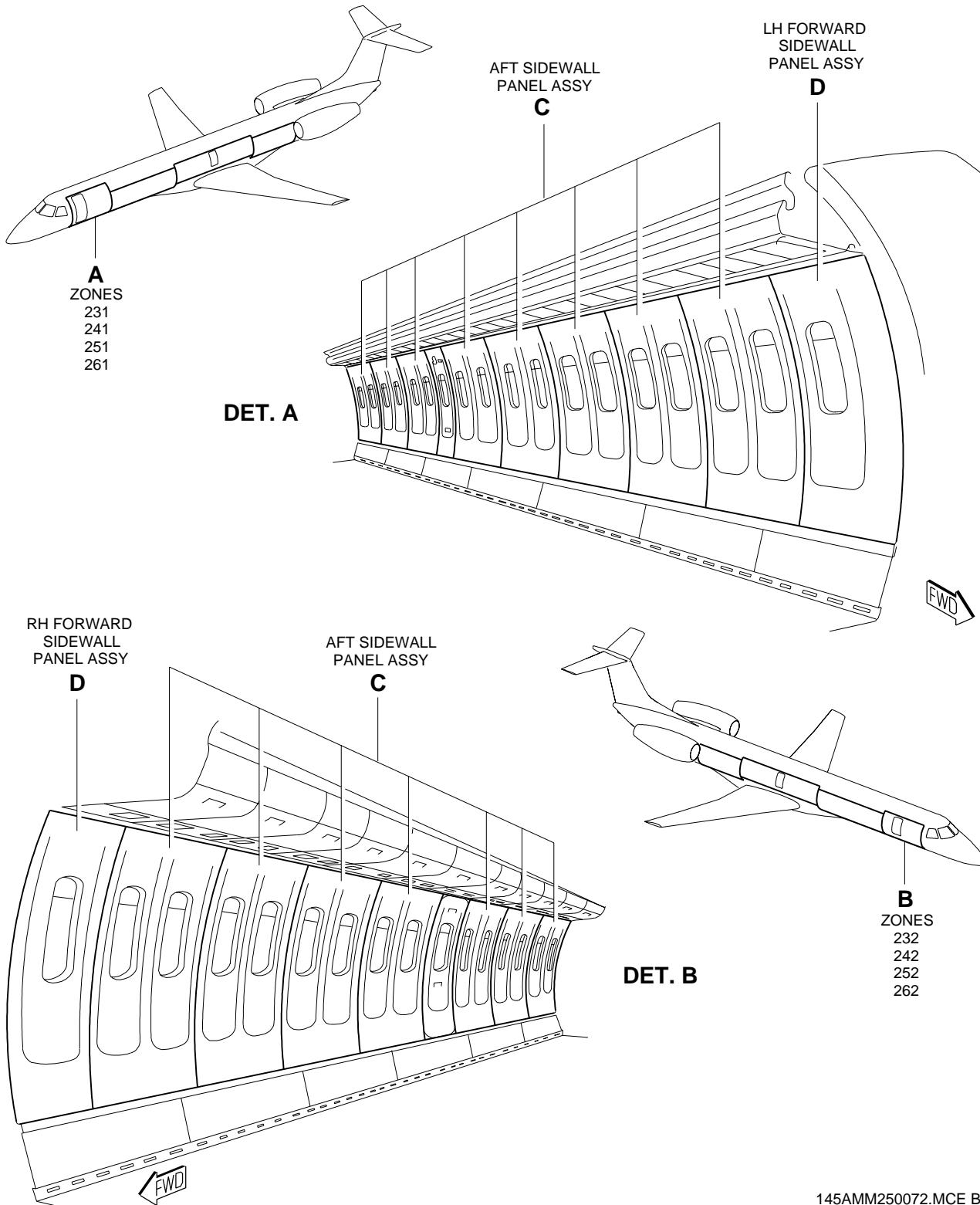
- (c) Insert the window reveal catch release tool ([ITEM GSE 369](#)) between the sidewall and the window inner reveal to disengage the side clips (8).

- (d) Pull the window reveal assembly (1) off.

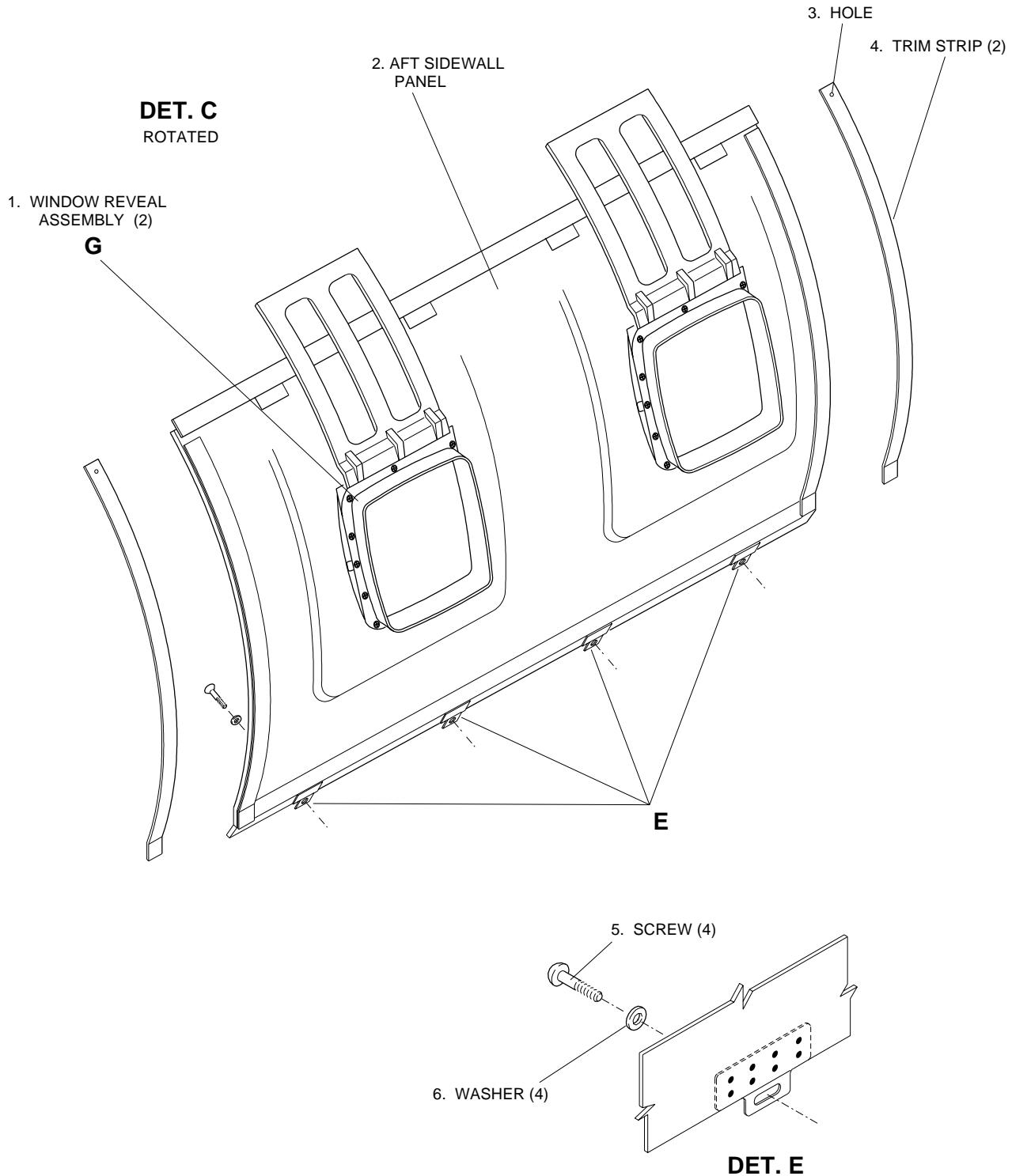
- (e) Close the shade (7) down.

- (f) Pull out its bottom and remove the window.

EFFECTIVITY: ACFT MODEL(S) EMB-145
 Sidewall Lining Panels - Removal/Installation
 Figure 401 - Sheet 1

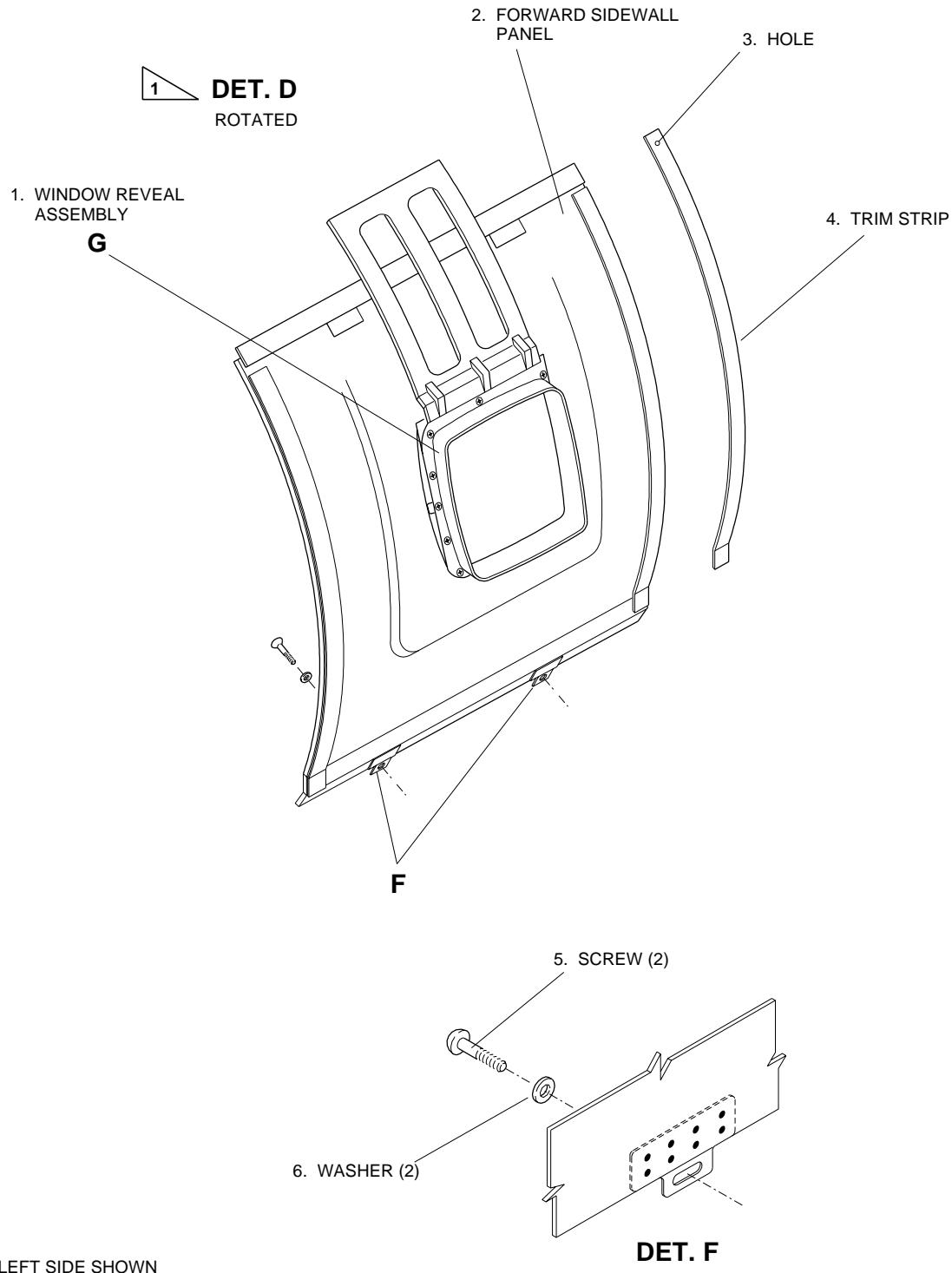


EFFECTIVITY: ACFT MODEL(S) EMB-145
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 2



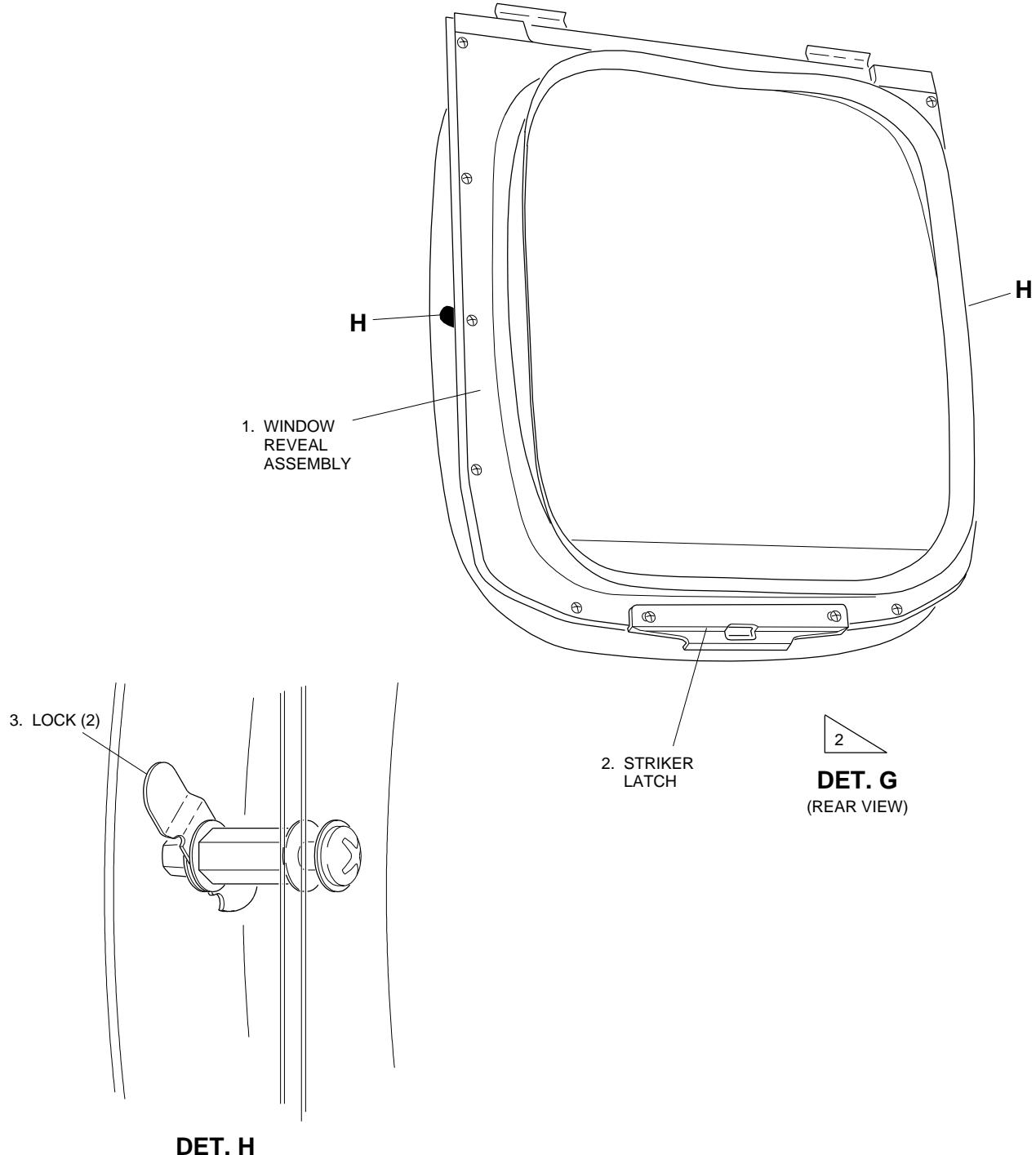
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EFFECTIVITY: ACFT MODEL(S) EMB-145
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 3



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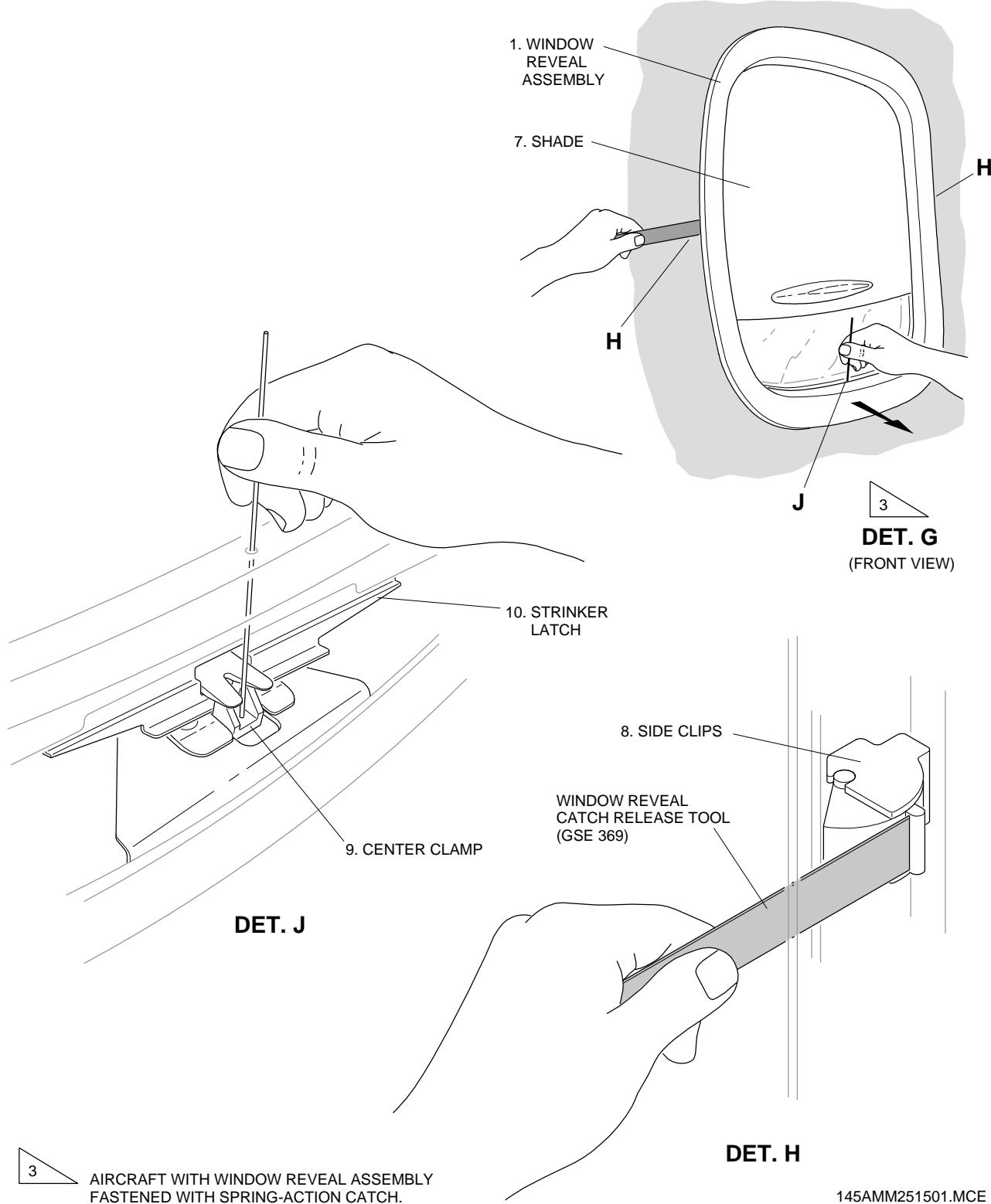
EFFECTIVITY: ACFT MODEL(S) EMB-145
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 4



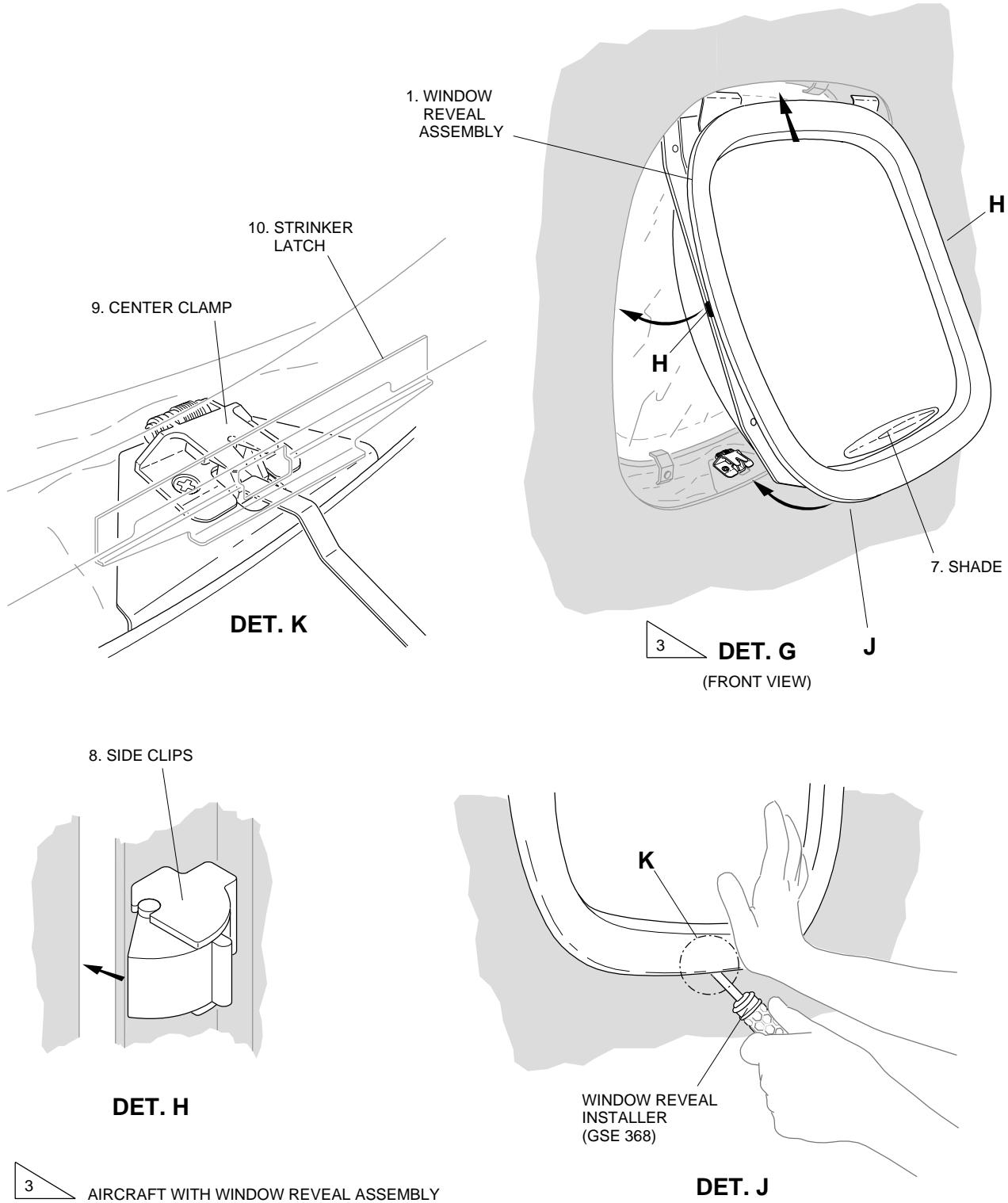
AIRCRAFT WITH WINDOW REVAL FASTENED WITH TURNLOCK FASTENER.

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EFFECTIVITY: ACFT MODEL(S) EMB-145
 Sidewall Lining Panels - Removal/Installation
 Figure 401 - Sheet 5



EFFECTIVITY: ACFT MODEL(S) EMB-145
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 6





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TASK 25-23-01-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. SIDEWALL LINING PANELS - INSTALLATION

A. General

- (1) This task gives the procedures to install the sidewall lining panels.
- (2) The sidewall lining panels are installed along the length of the passenger cabin, at zones 231, 232, 241, 242, 251, 252, 261, and 262.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-21-01-400-801-A/400	-
AMM TASK 25-26-03-400-801-A/400	-
ITEM GSE 368	INSTALLER, WINDOW REVEAL
TASK 25-26-04-400-802-A	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 368	Installer, Window Reveal	To aid the installation of the window reveal assembly on the sidewall lining panel	

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	Passenger cabin

I. Installation (Figure 401)

SUBTASK 420-026-A

- (1) Install the sidewall lining panels as follows:

NOTE: You must use this procedure for all types of sidewall lining panels.

- (a) Put the sidewall lining panel (2) in its installation position.

- (b) Attach it with the screws (5) and washers (6).
- (c) Push the trim strips (4) up into position.

NOTE:

- If necessary, you can use a pin in the hole (3) to help you push the trim strips (4) up.
- The RH/LH forward sidewall lining panels (Figure 401, DET. D) have only one trim strip.

- (2) For aircraft with window reveal assembly fastened with turnlock fastener, install the window reveal as follows (see DET. G):
 - (a) Put the window reveal assembly (1) in position.
 - (b) Push the window reveal assembly (1) against the striker latch (2) until it locks.
 - (c) Turn the lateral locks (3) until they lock on the sidewall lining panel.
- (3) For aircraft with window reveal assembly (1) fastened with spring-action catch, install the window reveal as follows (see DET. G):
 - (a) Shut the shade (7) down and place the window reveal assembly (1) in its hole by the top first.
 - (b) Hold the top flange of the reveal and slide the top clips behind the sidewall.

NOTE: When the top is in the installation position, the shade (7) can be moved fully up and down.
 - (c) Push the window reveal in its hole until the two side clips (8) and the bottom clip lock closed.
 - (d) As an aid to lock the bottom clip, use the window reveal installer ([ITEM GSE 368](#)) to hold the sidewall by grabbing the striker latch (10) while pushing on the outboard bottom part of the inner window reveal.
 - (e) Push the window in its hole until the two side clips (8) and the bottom clip lock closed.

J. Follow-on

SUBTASK 842-013-A

- (1) Install the removed passenger seats AMM TASK 25-21-01-400-801-A/400.
- (2) If you removed the LH wardrobe, install it back (TASK 25-26-04-400-802-A).
- (3) If you removed the emergency equipment stowage unit, install it back (AMM TASK 25-26-03-400-801-A/400).

