



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

SIDEWALL LINING PANELS - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

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
25-23-01-000-802-A	SIDEWALL LINING PANELS - REMOVAL	ACFT MODEL(S) EMB-135
25-23-01-400-802-A	SIDEWALL LINING PANELS - INSTALLA- TION	ACFT MODEL(S) EMB-135



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TASK 25-23-01-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

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 passenger cabin, in 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 25-27-16-000-801-A/400	-
AMM TASK 25-27-19-000-801-A/400	-
AMM TASK 25-30-07-000-801-A/400	-
ITEM GSE 369	CATCH RELEASE TOOL, WINDOW REVEAL
TASK 25-26-04-000-802-A	-

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 841-024-B

- (1) Remove the passenger seats (AMM TASK 25-21-01-000-801-A/400) as applicable.
- (2) Remove the LH side galley (AMM TASK 25-30-07-000-801-A/400) if applicable.



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- (3) Remove the LH wardrobe (TASK 25-26-04-000-802-A) if applicable.
- (4) For aircraft with VIP-A and VIP-B configurations, do these steps:
 - (a) Remove the class curtain (AMM TASK 25-27-19-000-801-A/400) if applicable.
 - (b) Remove the class partition (AMM TASK 25-27-16-000-801-A/400) if applicable.

J. Removal (Figure 401)

SUBTASK 020-027-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 pull down the trim strip (4).
• The RH/LH forward sidewall lining panels (Figure 401, DET. D and DET. F) have only one trim strip.

- (b) Remove the screws (5) and washers (6).
 - (c) For aircraft with Medevac configuration, unlock the Dzus fasteners (12) with the aid of a wrench to release the passenger-cabin stretcher DC electric outlet (11). Refer to view (S), Figure 401, sheet 9.
 - (d) Remove the sidewall lining panel (2).

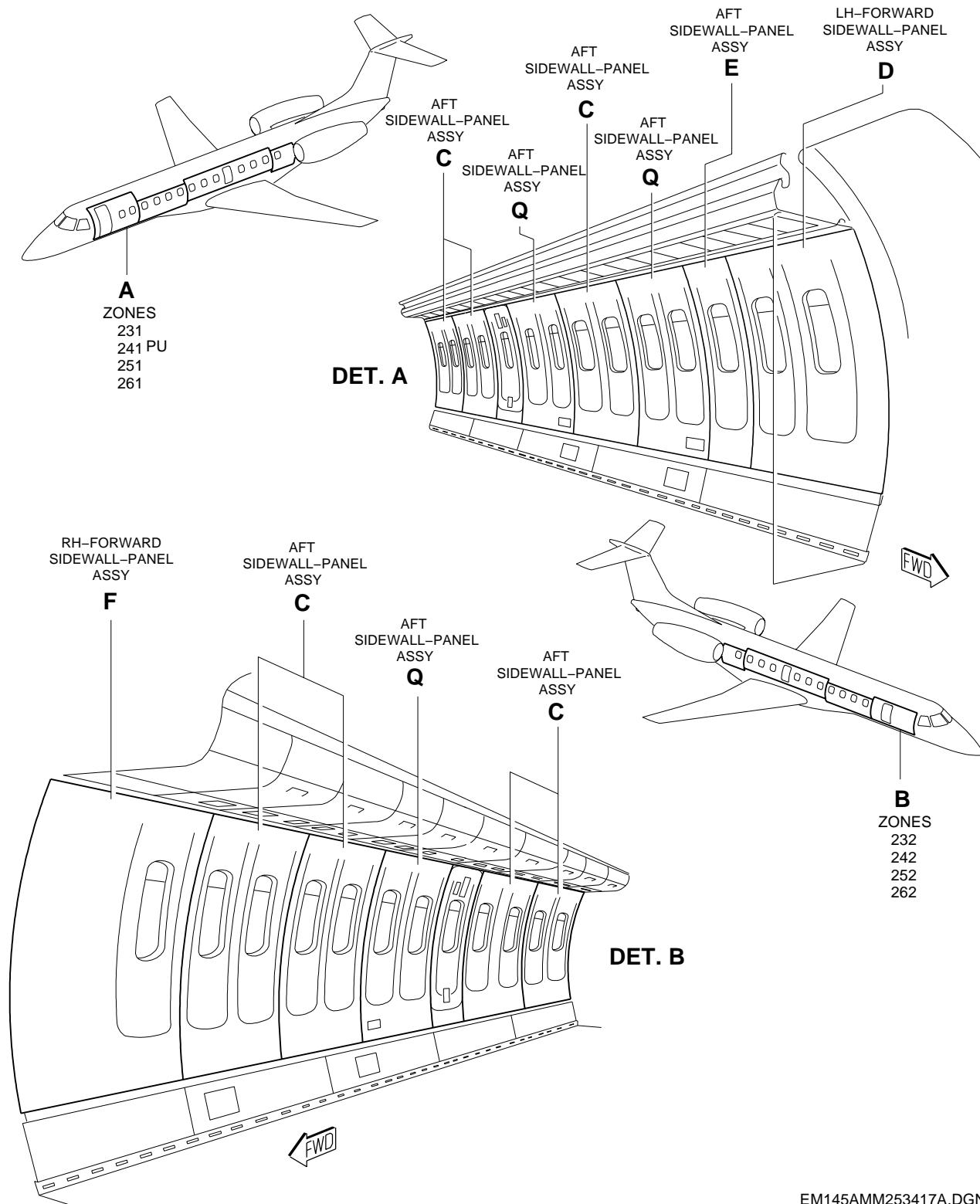
- (2) For aircraft with window reveal attached with turnlock fasteners, remove the window reveal assembly (1) as follows (see DET. L):

- (a) Turn the lateral locks (3) until you release them 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 attached with spring-action catch, remove the window reveal assembly (1) as follows (see DET. L):

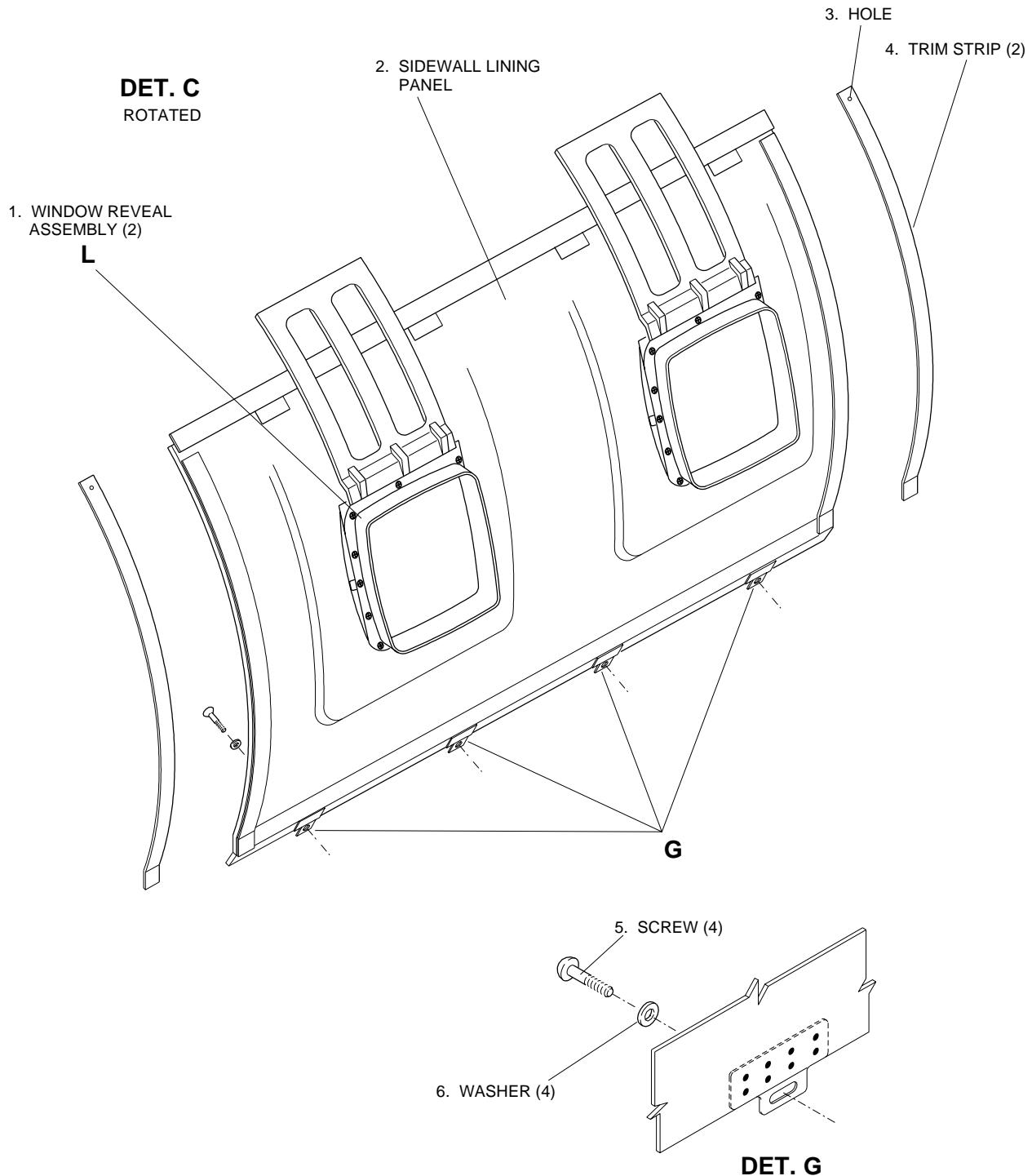
- (a) Open the shade (7).
 - (b) Insert a pin in the hole in the bottom of the window to release the center clamp (9).
 - (c) Put the window-reveal catch release tool ([ITEM GSE 369](#)) between the sidewall and the window inner reveal to disengage the side clips (8).
 - (d) Pull the window reveal assembly (1) off.
 - (e) Close the shade (7) down.
 - (f) Pull out its bottom and remove the window reveal.

EFFECTIVITY: ACFT MODEL(S) EMB-135
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 1



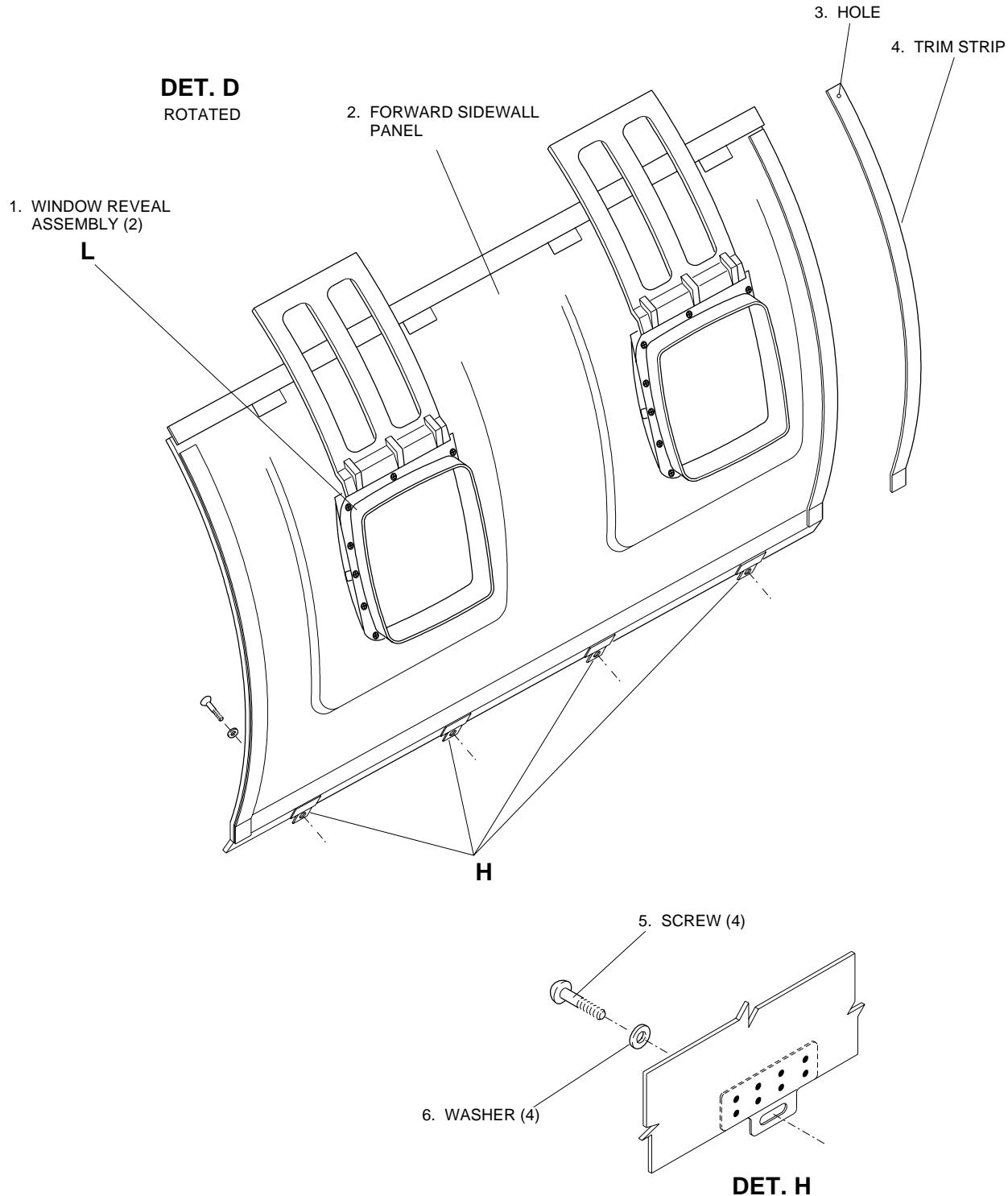
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EFFECTIVITY: ACFT MODEL(S) EMB-135
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 2



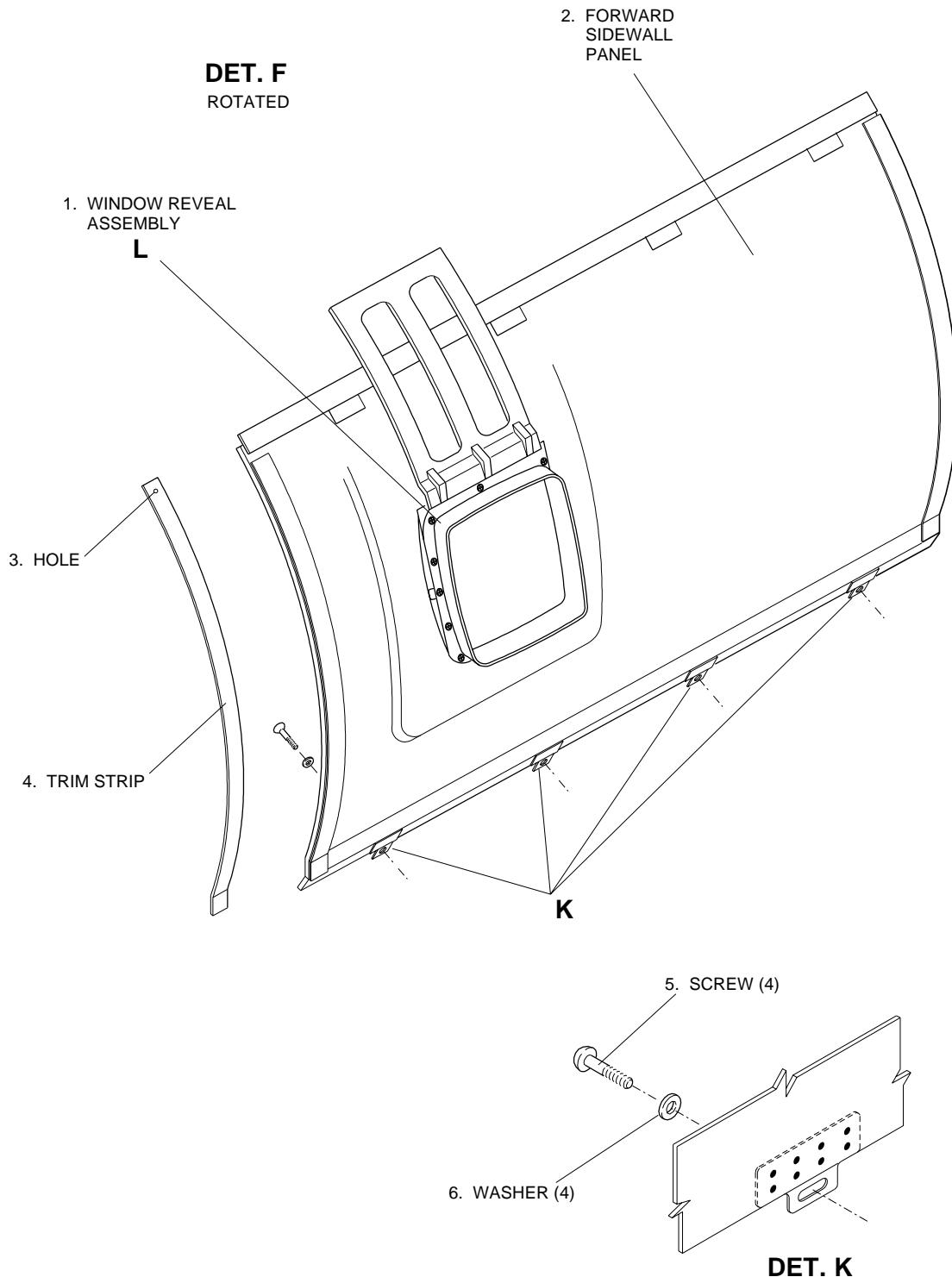
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EFFECTIVITY: ACFT MODEL(S) EMB-135
 Sidewall Lining Panels - Removal/Installation
 Figure 401 - Sheet 3



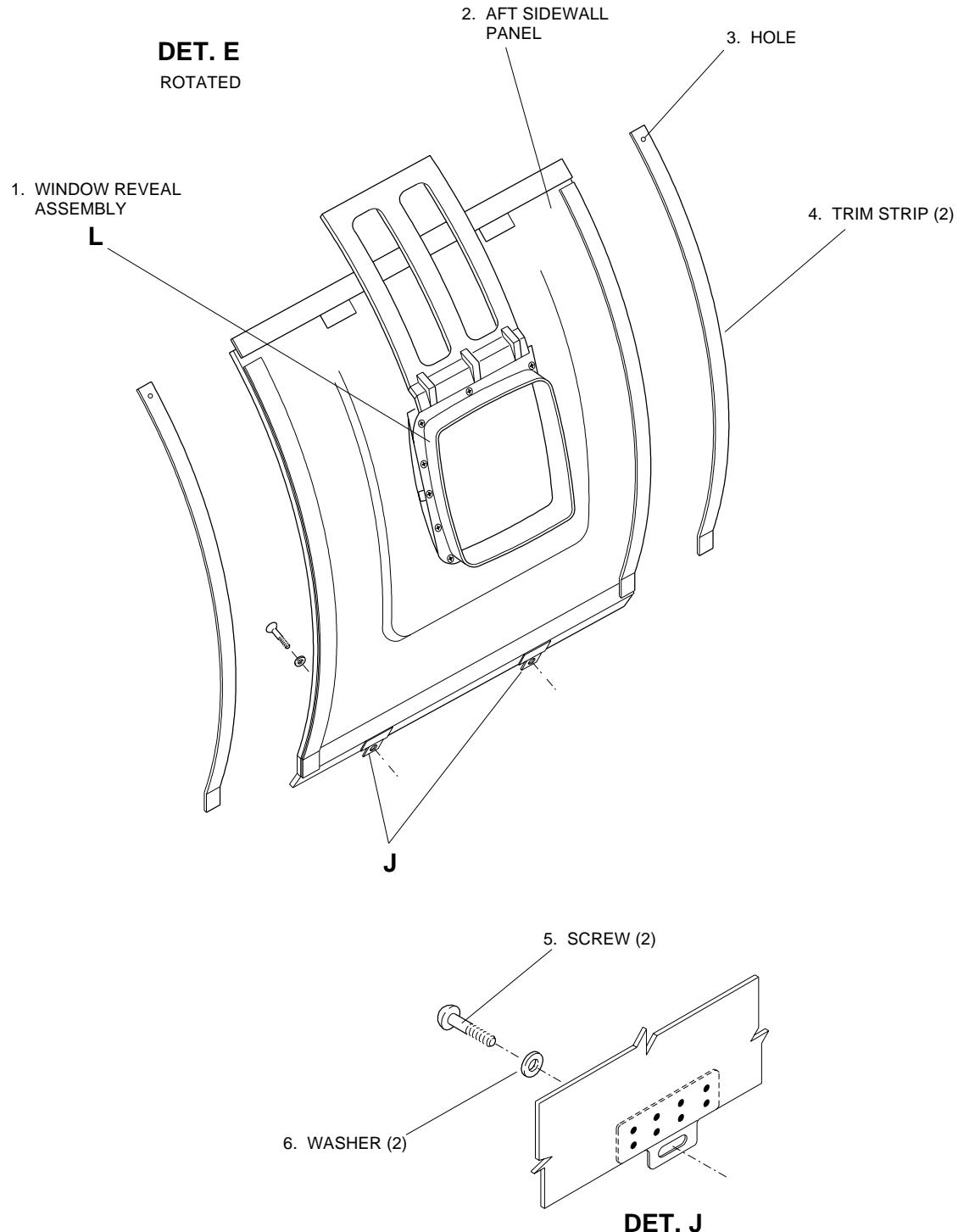
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EFFECTIVITY: ACFT MODEL(S) EMB-135
 Sidewall Lining Panels - Removal/Installation
 Figure 401 - Sheet 4



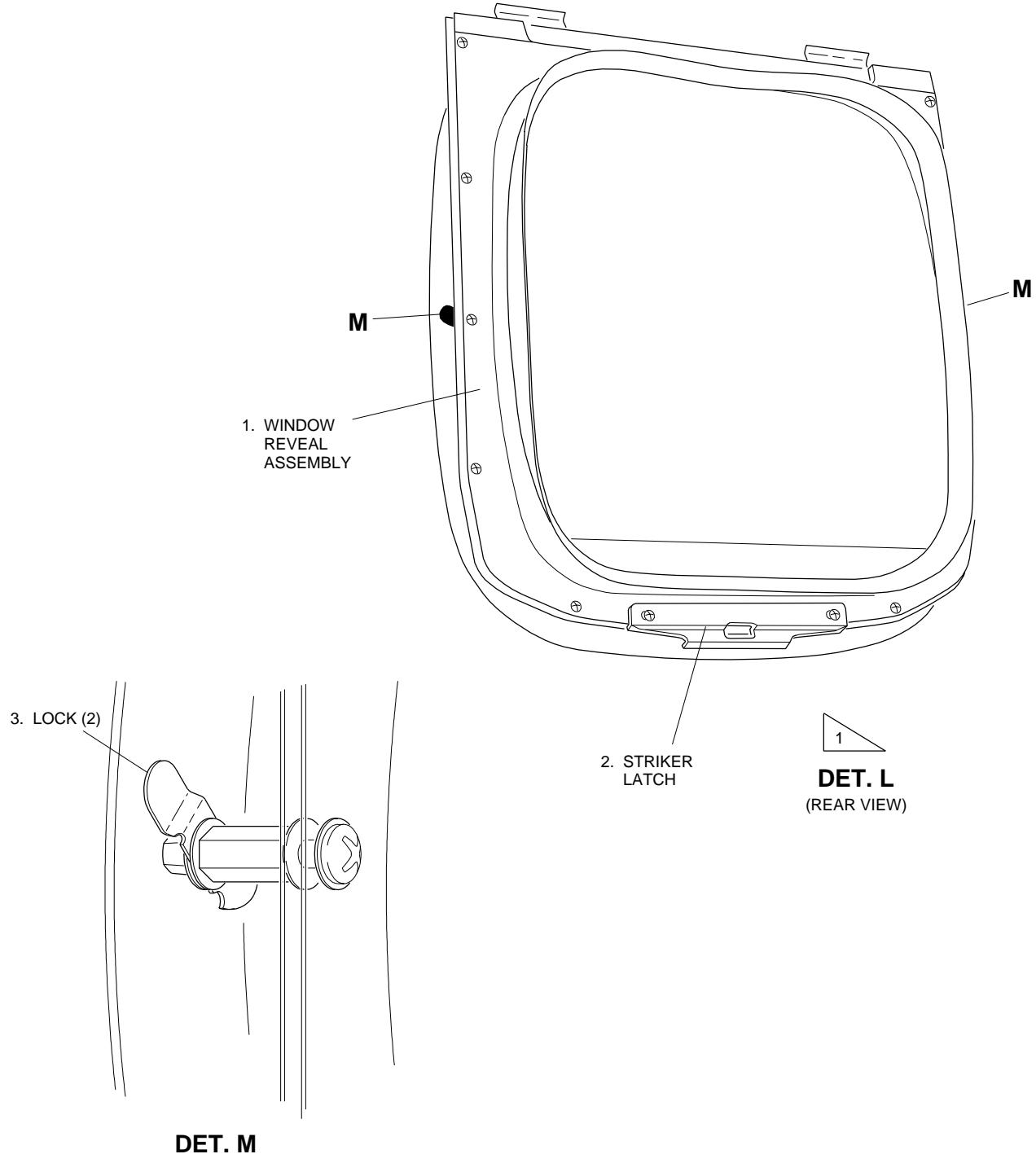
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EFFECTIVITY: ACFT MODEL(S) EMB-135
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 5



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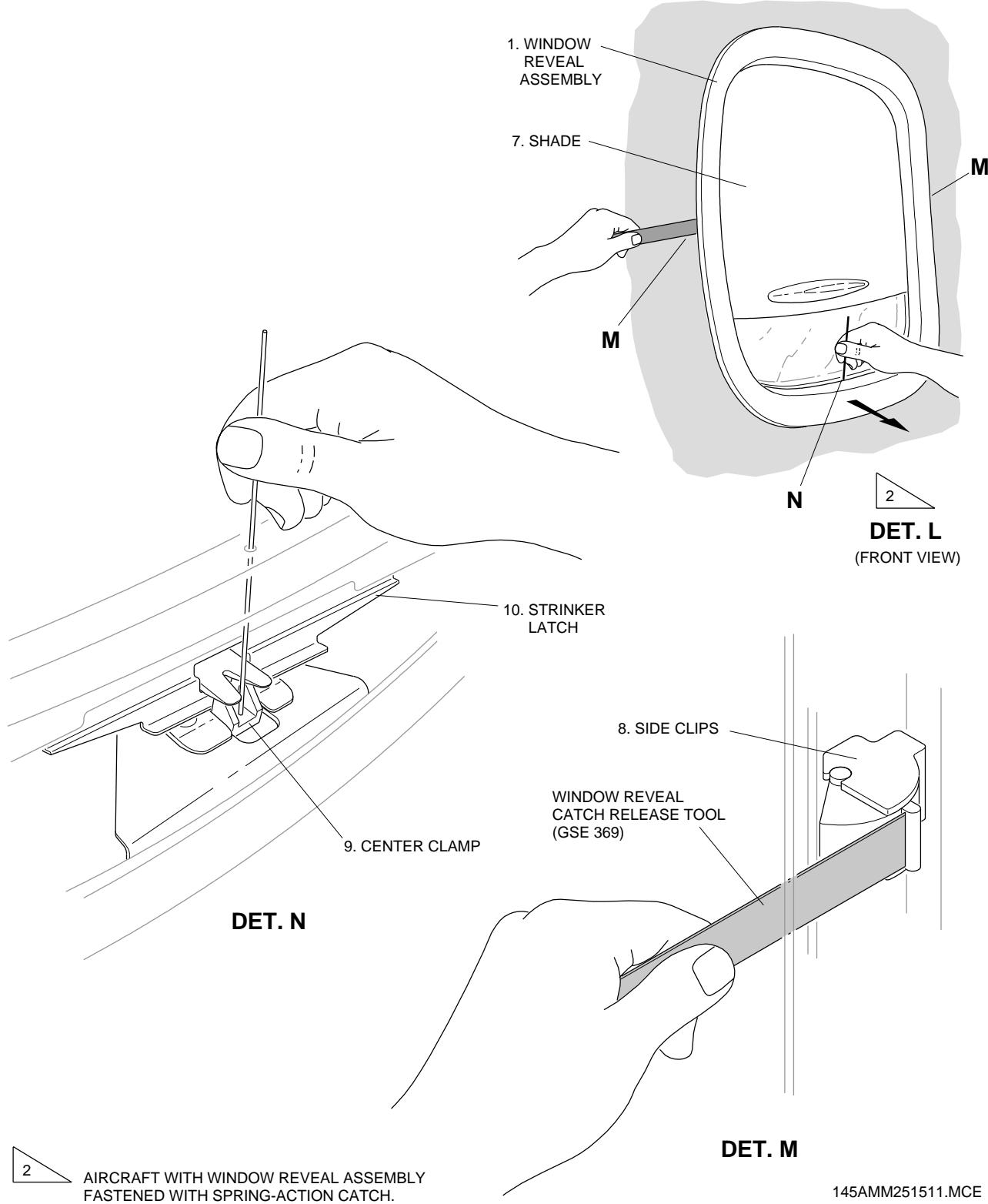
EFFECTIVITY: ACFT MODEL(S) EMB-135
 Sidewall Lining Panels - Removal/Installation
 Figure 401 - Sheet 6



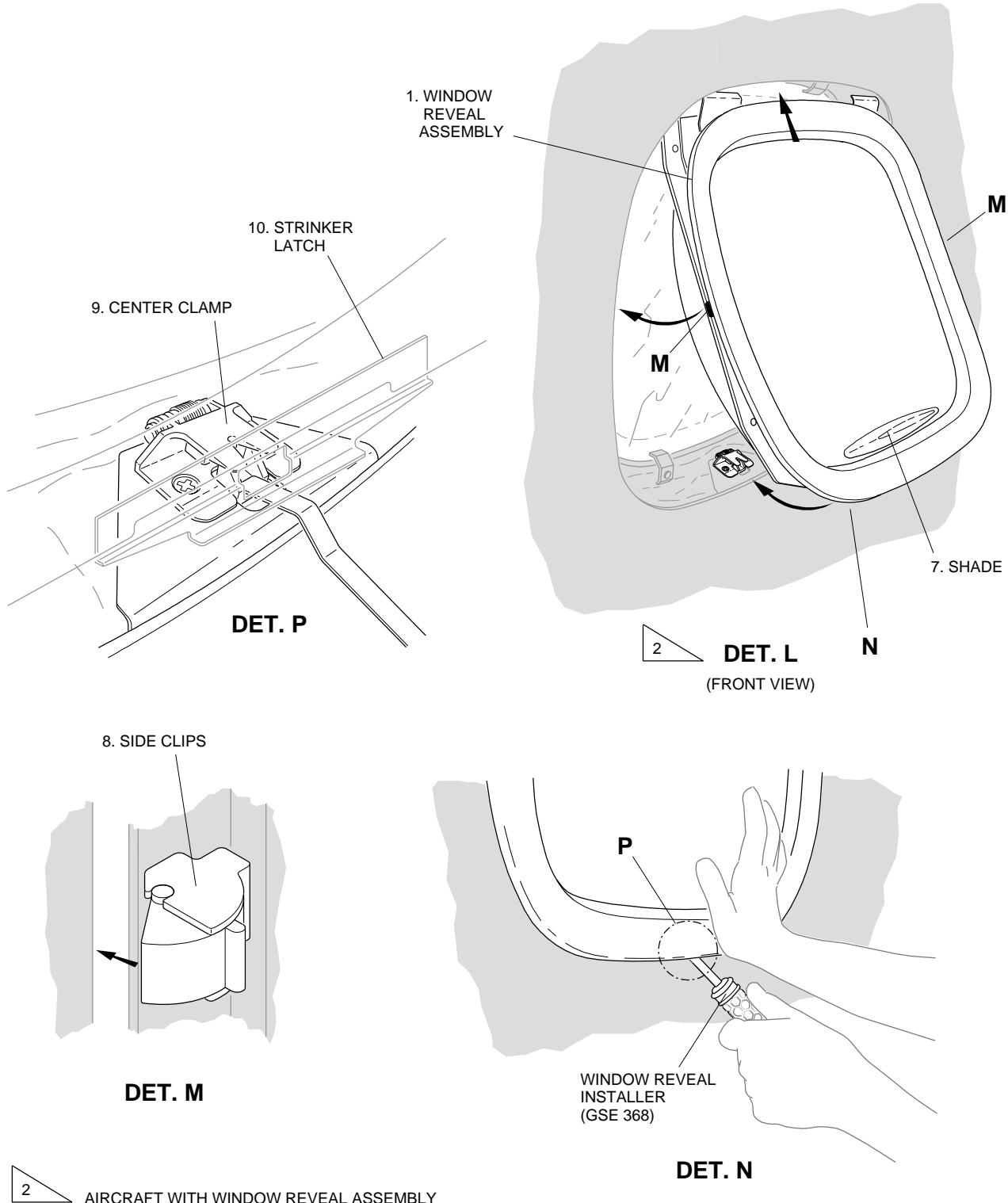
AIRCRAFT WITH WINDOW REVAL FASTENED WITH TURNLOCK FASTENER.

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EFFECTIVITY: ACFT MODEL(S) EMB-135
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 7



EFFECTIVITY: ACFT MODEL(S) EMB-135
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 8

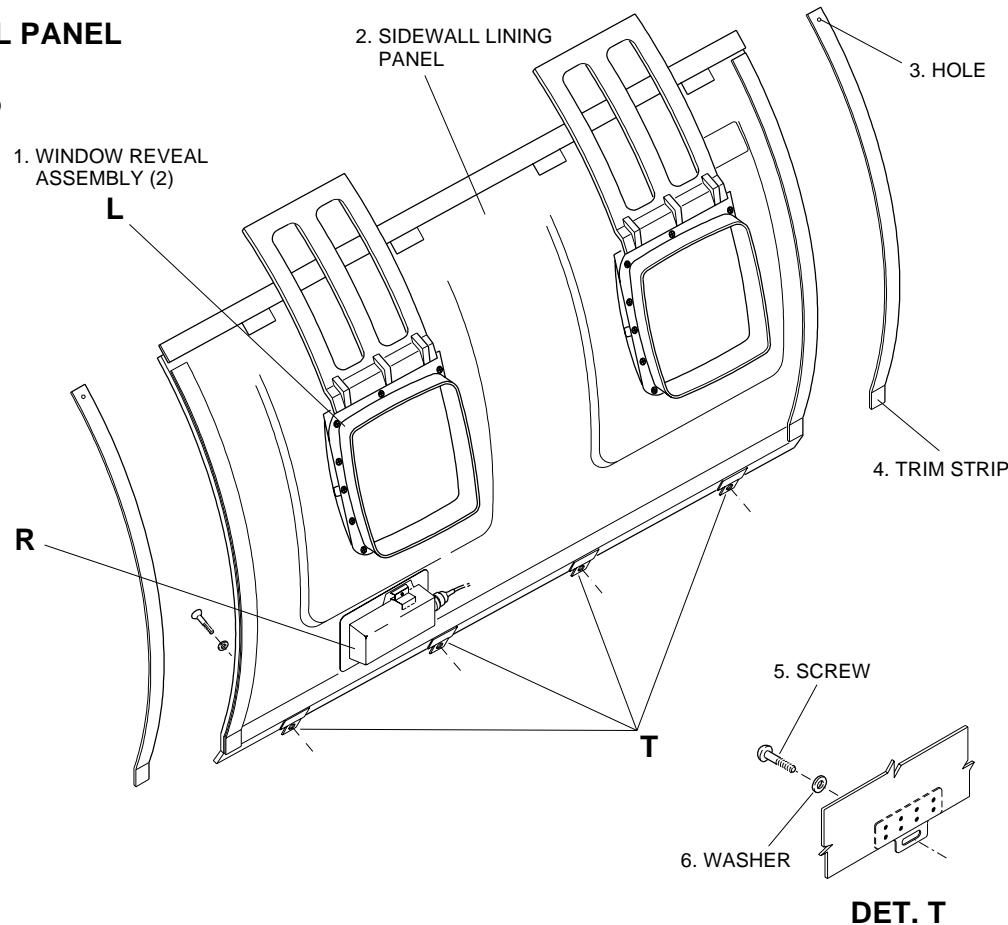


EFFECTIVITY: ACFT MODEL(S) EMB-135
Sidewall Lining Panels - Removal/Installation
Figure 401 - Sheet 9

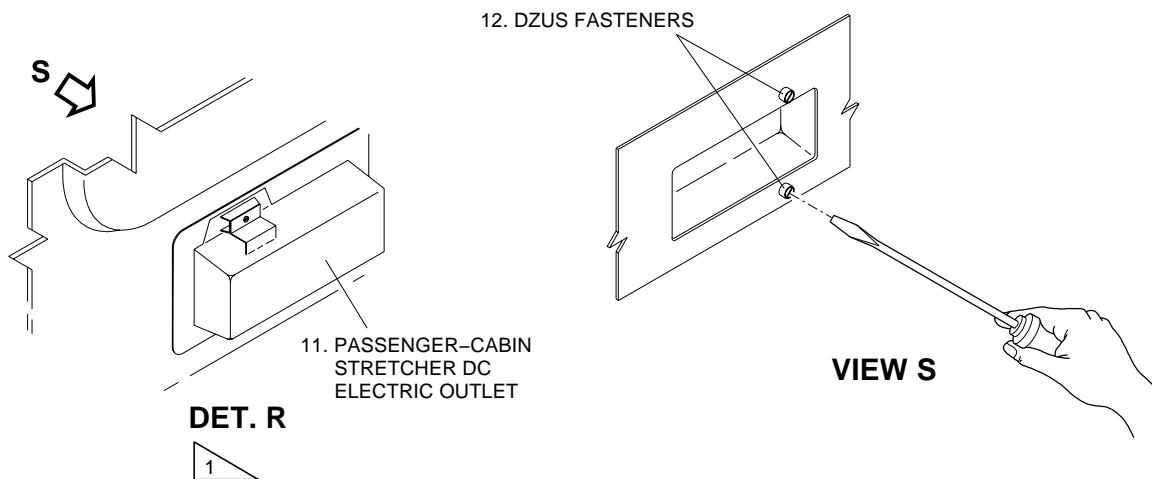
AFT SIDEWALL PANEL

DET. Q

ROTATED



DET. T



 **1** AIRCRAFT WITH MEDEVAC CONFIGURATION.

EM145AMM253126A.DGN

TASK 25-23-01-400-802-A
EFFECTIVITY: ACFT MODEL(S) EMB-135
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 passenger cabin, in zones 231, 232, 241, 242, 251, 252, 261, and 262.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 25-21-01-400-801-A/400	-
AMM TASK 25-27-16-400-801-A/400	-
AMM TASK 25-27-19-400-801-A/400	-
AMM TASK 25-30-07-400-801-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

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
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

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Passenger cabin

I. Installation (Figure 401)
SUBTASK 420-027-A

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

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

- (a) For aircraft with Medevac configuration, put the passenger-cabin stretcher DC electric outlet (11) in position and, with the aid of a wrench, lock the Dzus fasteners (12). Refer to view (S), Figure 401, sheet 9.
- (b) Put the sidewall lining panel (2) in position.
- (c) Attach it with the screws (5) and washers (6).
- (d) Push the trim strips (4) to their position.

NOTE:

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

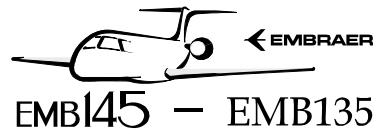
- (2) For aircraft with window reveal assembly attached with turnlock fasteners, install the window reveal as follows (refer to DET. L):
 - (a) Put the window reveal assembly (1) in position.
 - (b) Push the window reveal assembly (1) against the striker latch (2) until it locks.
 - (c) Turn the lateral locks (3) until they lock on the sidewall lining panel.
- (3) For aircraft with window reveal assembly (1) attached with spring-action catch, install the window reveal as follows (refer to DET. L):
 - (a) Shut the shade (7) down and put the window reveal assembly (1) in its hole. Put 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 position, you can move the shade (7) fully up and down.
 - (c) Push the window 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: hold the striker latch (10) while you push 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 841-025-B

- (1) Install the removed passenger seats back (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 LH side galley, install it back (AMM TASK 25-30-07-400-801-A/400).



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(4) For aircraft with VIP-A and VIP-B configurations:

- (a) If you removed the class curtain, install it back (AMM TASK 25-27-19-400-801-A/400).
- (b) If you removed the class partition, install it back (AMM TASK 25-27-16-400-801-A/400).

