



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

FORWARD BAGGAGE COMPARTMENT PARTITION - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the forward baggage-compartment partition.
- B. The forward baggage-compartment partition is installed in the forward section of the baggage compartment, in zones 271 and 272.
- 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
25-27-02-000-801-A	FORWARD BAGGAGE-COMPARTMENT PARTITION - REMOVAL	ACFT MODEL(S) EMB-145
25-27-02-400-801-A	FORWARD BAGGAGE-COMPARTMENT PARTITION - INSTALLATION	ACFT MODEL(S) EMB-145



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TASK 25-27-02-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. FORWARD BAGGAGE-COMPARTMENT PARTITION - REMOVAL

A. General

- (1) This task gives the procedures to remove the forward baggage-compartment partition.

B. References

REFERENCE	DESIGNATION
(TASK 25-50-04-000-801-A)	-
AMM SDS 52-30-00/1	
AMM TASK 25-40-01-000-801-A/400	-
AMM TASK 25-40-04-000-801-A/400	TOILET SHROUD ASSEMBLY - REMOVAL
AMM TASK 25-50-02-000-801-A/400	CARGO NET ASSEMBLY - REMOVAL
AMM TASK 38-10-01-000-801-A/400	WATER TANK - REMOVAL
AMM TASK 38-10-07-000-801-A/400	-
AMM TASK 38-32-01-000-801-A/400	TOILET UNIT - REMOVAL
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
2	Do the task	Lavatory/baggage compartment

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

SUBTASK 020-010-B

EFFECTIVITY: AIRCRAFT WITHOUT BAGGAGE COMPARTMENT PARTITION DOOR

- (1) At the lavatory, remove the forward baggage-compartment partition, as follows:

- (a) Remove the toilet shroud assembly (1) ([AMM TASK 25-40-04-000-801-A/400](#)). Refer to DET. A, Figure 401, sheet 1.

- (b) Remove the toilet unit (2) ([AMM TASK 38-32-01-000-801-A/400](#)). Refer to DET. A, Figure 401, sheet 1.
 - (c) Remove the sealant from around RH partition (3) and the LH partition (4) (SRM 51-20-01). Refer to DET. A, Figure 401, sheet 1.
 - (d) Remove the sealant from around the plumbing access cover assembly (SRM 51-20-01). Refer to DET. A, Figure 401, sheet 1.
 - (e) Remove the RH cabinet (5) (AMM TASK 25-40-01-000-801-A/400). Refer to DET. B, Figure 401, sheet 2.
 - (f) Remove the mirror (6), attached with velcro, from the sink cabinet. Refer to DET. B, Figure 401, sheet 2.
 - (g) Pull the plumbing access panel (7) at the sink cabinet. Refer to DET. B, Figure 401, sheet 2.
 - (h) Pull the plumbing access cover assembly (8) that is attached with velcro. Refer to DET. B, Figure 401, sheet 2.
 - (i) Loosen the fill line mid section 2 (9) at the RH partition and LH partition (AMM TASK 38-10-07-000-801-A/400). Refer to DET. B, Figure 401, sheet 2.
 - (j) Loosen the overflow line mid section 2 (10) at the RH partition and LH partition (AMM TASK 38-10-07-000-801-A/400), as applicable. Refer to DET. B, Figure 401, sheet 2.
 - (k) Pull the amenity dispenser (12). Refer to DET. D, Figure 401, sheet 2.
 - (l) Remove the water tank (11) ([AMM TASK 38-10-01-000-801-A/400](#)). Refer to DET. D, Figure 401, sheet 2.
 - (m) Remove the screws (19, 21 and 23) and washers (20, 22 and 24) that attach the sink cabinet (18) at the RH partition assembly. Refer to DET. E, Figure 401, sheet 3.
 - (n) Remove the cable column cover assembly (13) that is attached with velcro. Refer to DET. C, Figure 401, sheet 2.
 - (o) For aircraft with baggage compartment light lavatory switch, disconnect the splices (17). Refer to DET. C, Figure 401, sheet 2.
 - (p) **NOTE:** Be careful with the rudder cables and elevator cables to prevent injury to persons and damage to the parts.

Remove the screws (15) and washers (16) that attach the cable protection shroud (14). Refer to DET. C, Figure 401, sheet 2.
- (2) At the baggage compartment (refer to DET. F, Figure 401, sheet 4), remove the forward baggage-compartment partition as follows:
- (a) Open the baggage door ([AMM SDS 52-30-00/1](#)) to get access to the baggage compartment.
 - (b) Remove the cargo restraint net ([AMM TASK 25-50-02-000-801-A/400](#)).

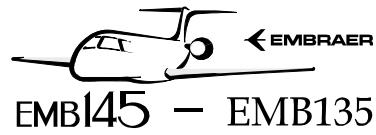
- (c) Remove the bolts (25) and washer (26) that attach the LH partition.
- (d) Remove the bolts (27) and washers (28) that attach the RH partition.

J. Removal (Figure 402)

SUBTASK 020-011-A

EFFECTIVITY: AIRCRAFT WITH BAGGAGE COMPARTMENT PARTITION DOOR

- (1) At the lavatory, remove the forward baggage-compartment partition, as follows:
 - (a) Remove the toilet shroud assembly (1) [AMM TASK 25-40-04-000-801-A/400](#). Refer to DET. A, Figure 402, sheet 1.
 - (b) Remove the toilet unit (2) [AMM TASK 38-32-01-000-801-A/400](#). Refer to DET. A, Figure 402, sheet 1.
 - (c) Remove the sealant from around the RH partition (3) and LH partition (4) (SRM 51-20-01). Refer to DET. A, Figure 402, sheet 1.
 - (d) Remove the RH cabinet (5) AMM TASK 25-40-01-000-801-A/400. Refer to DET. B, Figure 402, sheet 2.
 - (e) Remove the mirror (6), attached with velcro, from the sink cabinet. Refer to DET. B, Figure 402, sheet 2.
 - (f) Pull the plumbing access panel (7) at the sink cabinet. Refer to DET. B, Figure 402, sheet 2.
 - (g) Pull the amenity dispenser (9). Refer to DET. D, Figure 402, sheet 2.
 - (h) Remove the water tank (8) [AMM TASK 38-10-01-000-801-A/400](#). Refer to DET. D, Figure 402, sheet 2.
 - (i) Remove the screws (16, 18 and 20) and washers (17, 19 and 21) that attach the sink cabinet (15) at the RH partition. Refer to DET. E, Figure 402, sheet 3.
 - (j) Remove the cable column cover assembly (10) that is attached with velcro. Refer to DET. C, Figure 402, sheet 2.
 - (k) For aircraft with baggage compartment light lavatory switch, disconnect the splices (14). Refer to DET. C, Figure 402, sheet 2.
 - (l) **NOTE:** Be careful with the rudder cables and elevator cables to prevent injury to persons and damage to the parts.
Remove the screws (12) and washers (13) that attach the cable protection shroud (11). Refer to DET. C, Figure 402, sheet 2.
- (2) At the baggage compartment, remove the forward baggage-compartment partition (refer to DET. F, Figure 402, sheet 3), as follows:
 - (a) Open the baggage door ([AMM SDS 52-30-00/1](#)) to get access to the baggage compartment.
 - (b) Remove the cargo restraint net [AMM TASK 25-50-02-000-801-A/400](#).



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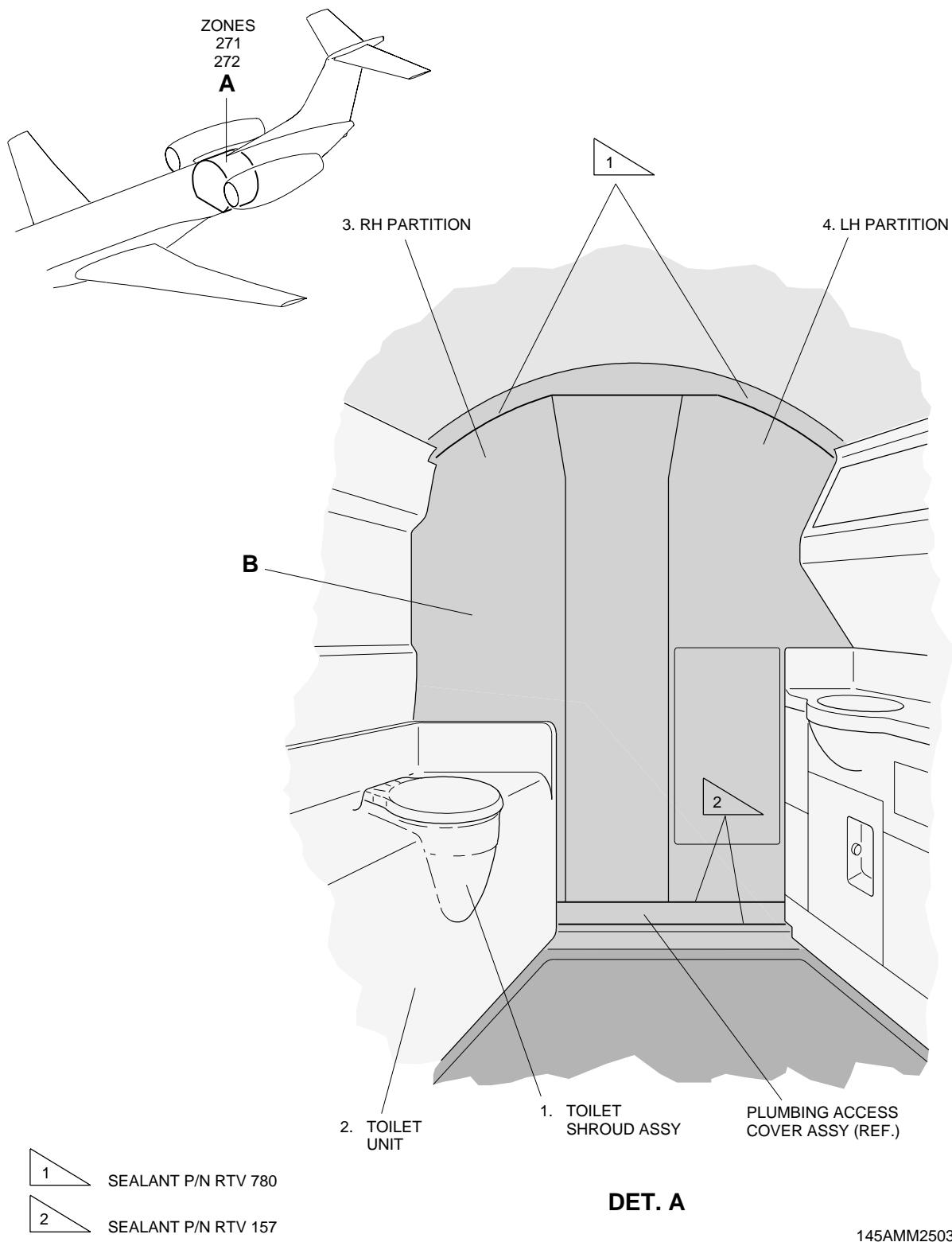
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- (c) Remove the ramp (24) (TASK 25-50-04-000-801-A).
- (d) Remove the bolts (22) and washer (23) that attach the LH partition.
- (e) Remove the bolts (25) and washers (26) that attach the RH partition.

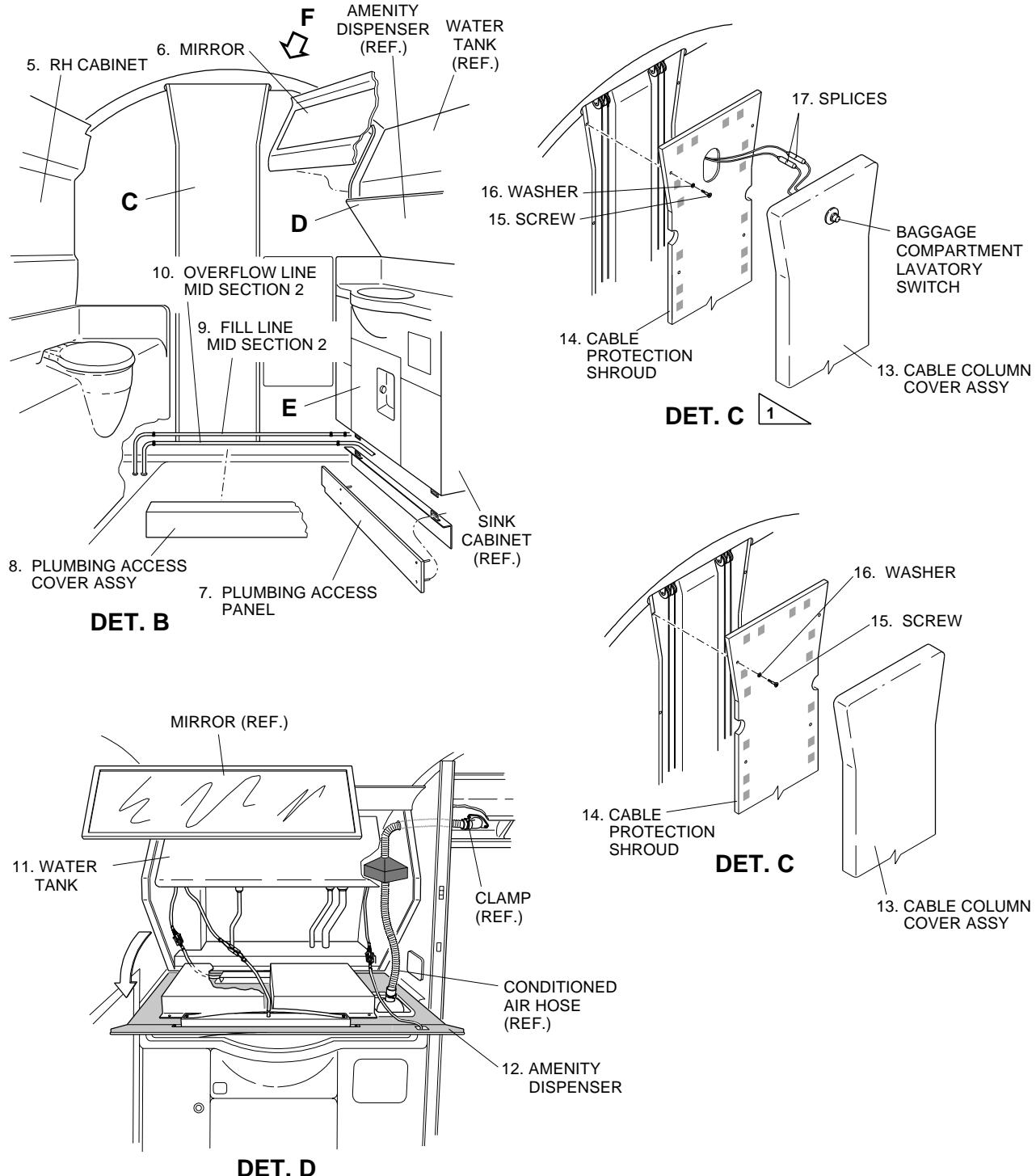
EFFECTIVITY: AIRCRAFT WITHOUT BAGGAGE COMPARTMENT PARTITION DOOR

Forward Baggage-Compartment Partition - Removal/Installation

Figure 401 - Sheet 1



EFFECTIVITY: AIRCRAFT WITHOUT BAGGAGE COMPARTMENT PARTITION DOOR
Forward Baggage-Compartment Partition - Removal/Installation
Figure 401 - Sheet 2



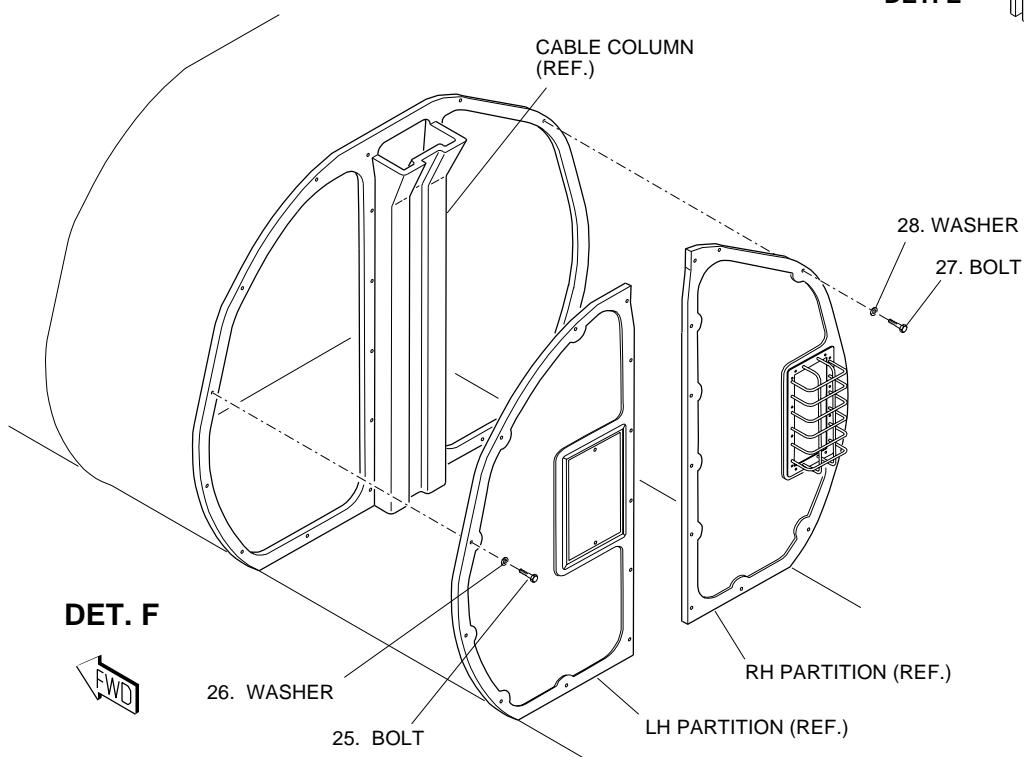
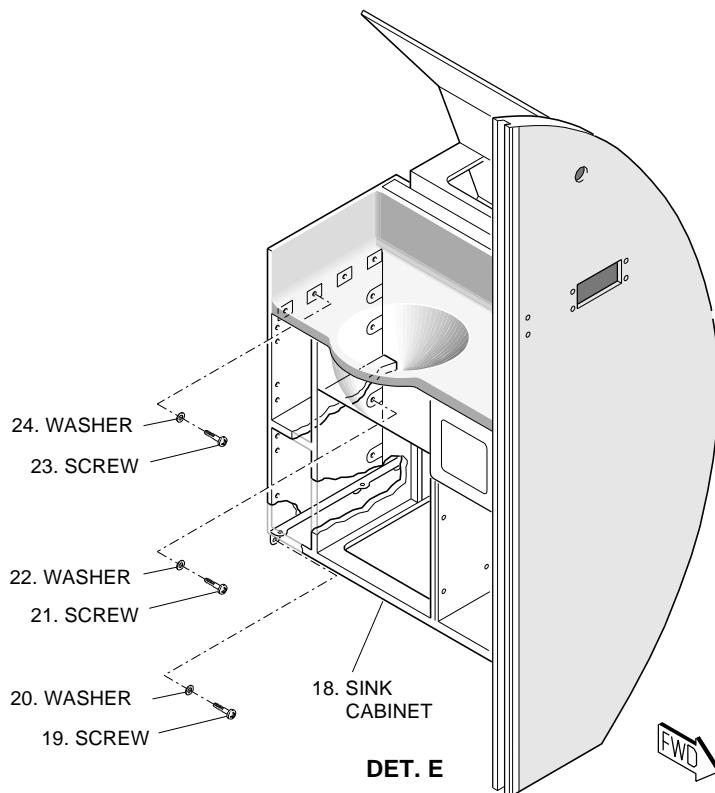
FOR AIRCRAFT WITH BAGGAGE COMPARTMENT LIGHT LAVATORY SWITCH

EM145AMM250409B.DGN

EFFECTIVITY: AIRCRAFT WITHOUT BAGGAGE COMPARTMENT PARTITION DOOR

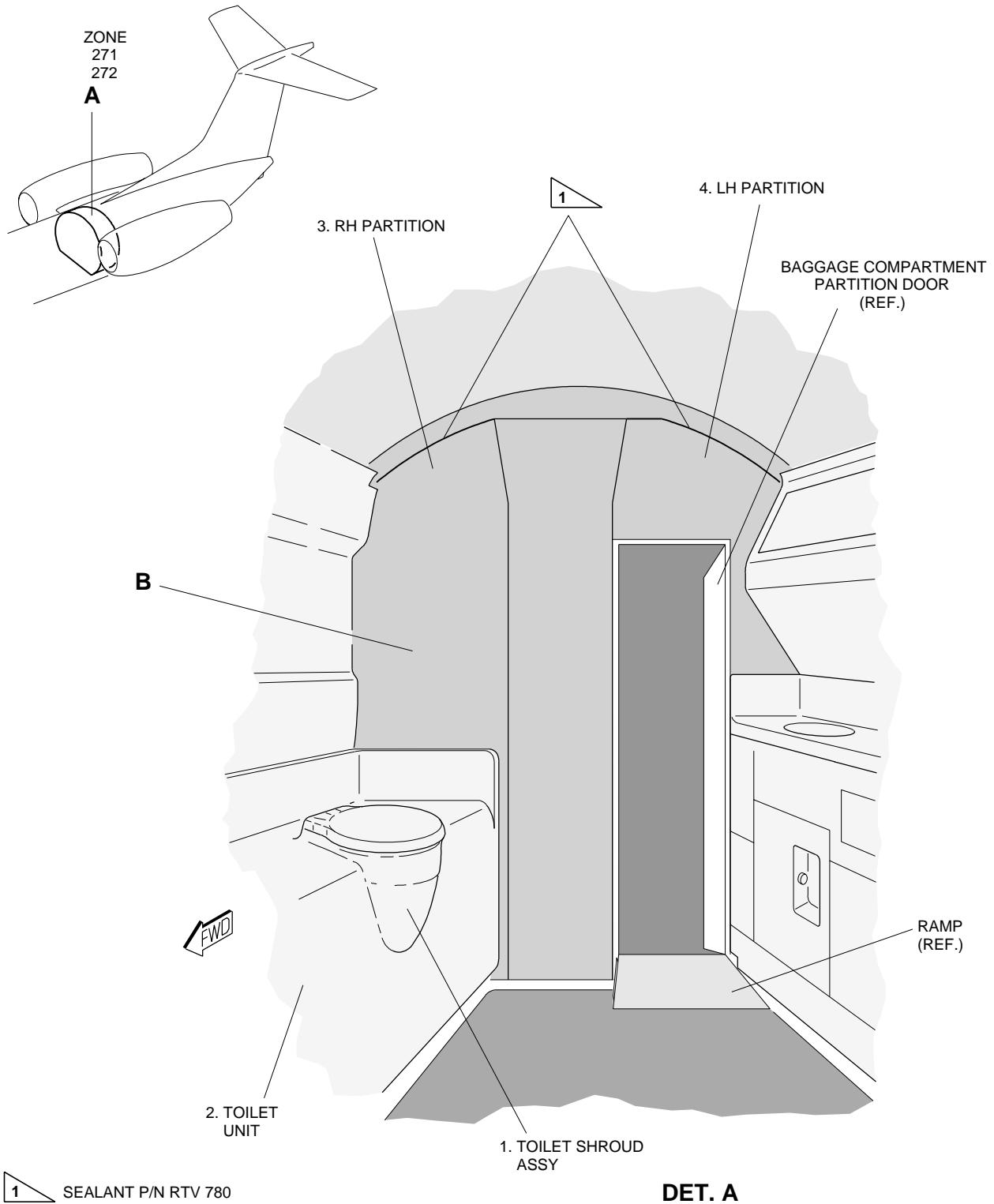
Forward Baggage-Compartment Partition - Removal/Installation

Figure 401 - Sheet 3



EM145AMM250411A.DGN

EFFECTIVITY: AIRCRAFT WITH BAGGAGE COMPARTMENT PARTITION DOOR
Forward Baggage-Compartment Partition - Removal/Installation
Figure 402 - Sheet 1

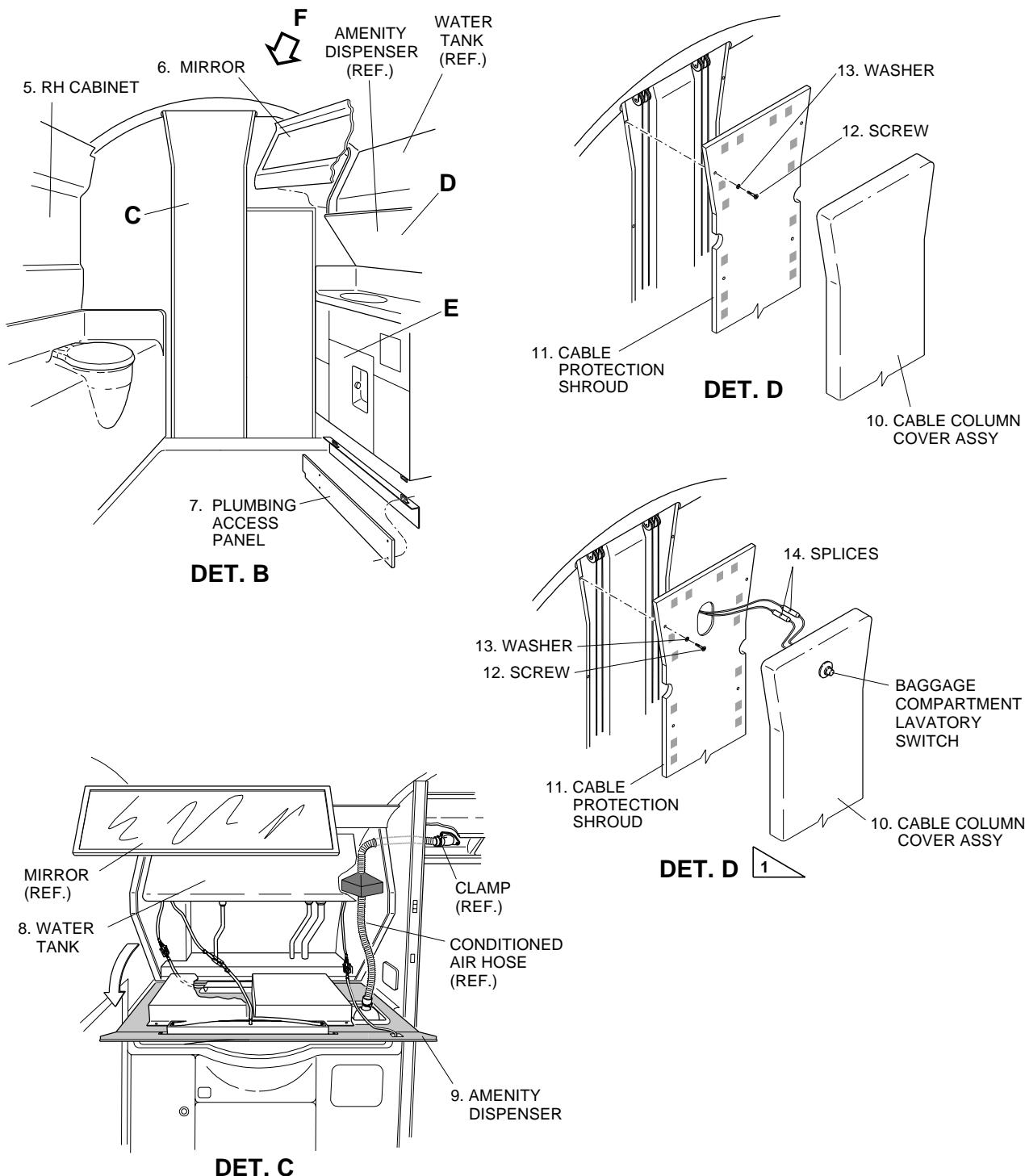


145AMM250438.MCE

EFFECTIVITY: AIRCRAFT WITH BAGGAGE COMPARTMENT PARTITION DOOR

Forward Baggage-Compartment Partition - Removal/Installation

Figure 402 - Sheet 2

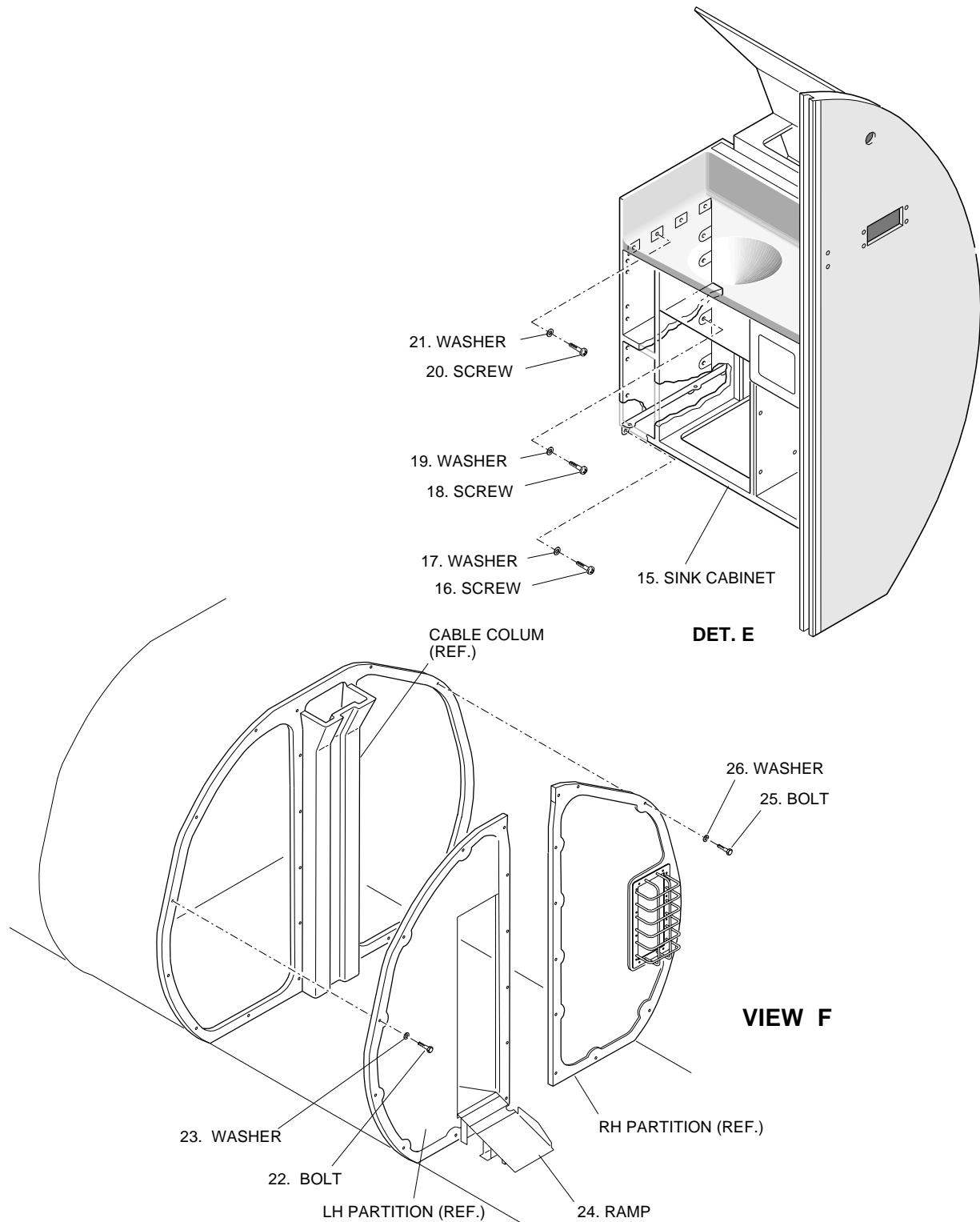


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FOR AIRCRAFT WITH BAGGAGE COMPARTMENT LIGHT LAVATORY SWITCH

EM145AMM250427B.DGN

EFFECTIVITY: AIRCRAFT WITH BAGGAGE COMPARTMENT PARTITION DOOR
Forward Baggage-Compartment Partition - Removal/Installation
Figure 402 - Sheet 3



EM145AMM250428A.DGN



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TASK 25-27-02-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. FORWARD BAGGAGE-COMPARTMENT PARTITION - INSTALLATION

A. General

(1) This task gives the procedures to install the forward baggage-compartment partition.

B. References

REFERENCE	DESIGNATION
(TASK 25-50-04-400-801-A)	-
AMM SDS 52-30-00/1	
AMM TASK 25-40-01-400-801-A/400	-
AMM TASK 25-40-04-400-801-A/400	TOILET SHROUD ASSEMBLY - INSTALLATION
AMM TASK 25-50-02-400-801-A/400	CARGO NET ASSEMBLY - INSTALLATION
AMM TASK 38-10-01-400-801-A/400	WATER TANK - INSTALLATION
AMM TASK 38-10-07-400-801-A/400	-
AMM TASK 38-32-01-400-801-A/400	TOILET UNIT - INSTALLATION
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
RTV157 (Gray)	Sealant	AR
RTV780 (White)	Sealant	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	Lavatory/baggage compartment



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I. Installation (Figure 401)

SUBTASK 420-010-B

EFFECTIVITY: AIRCRAFT WITHOUT BAGGAGE COMPARTMENT PARTITION DOOR

- (1) At the baggage compartment, install the forward baggage-compartment partition (refer to DET F, Figure 401, sheet 3) as follows:
 - (a) Install the LH partition with the bolts (25) and washers (26).
 - (b) Install the RH partition with the bolts (27) and the washers (28).
 - (c) Install the cargo restraint net ([AMM TASK 25-50-02-400-801-A/400](#)).
 - (d) Close the baggage door ([AMM SDS 52-30-00/1](#)).
- (2) At the Lavatory, install the forward baggage-compartment partition, as follows:
 - (a) NOTE: Be careful with the rudder cables and elevator cables to prevent injury to persons and damage to the parts.
Install the cable protection shroud (14) with the screws (15) and washers (16). Refer to DET. C, Figure 401, sheet 2.
 - (b) For aircraft with baggage compartment light lavatory switch, connect the splices (17). Refer to DET. C, Figure 401, sheet 2.
 - (c) Install the cable column cover assembly (13) over the cable protection shroud (14) with velcro. Refer to DET. C, Figure 401, sheet 2.
 - (d) Install the sink cabinet (18) to the RH partition with the screws (19, 21 and 23) and washers (20, 22 and 24). Refer to DET. E, Figure 401, sheet 3.
 - (e) Install the water tank (11) ([AMM TASK 38-10-01-400-801-A/400](#)). Refer to DET. D, Figure 401, sheet 2.
 - (f) Fit the amenity dispenser (12). Refer to DET. D, Figure 401, sheet 2.
 - (g) Fit the over flow line mid section 2 (10) at the RH partition and LH partition (AMM TASK 38-10-07-400-801-A/400). Refer to DET. B, Figure 401, sheet 2.
 - (h) Fit the fill line mid section 2 (9) at the RH partition and LH partition (AMM TASK 38-10-07-400-801-A/400). Refer to DET. B, Figure 401, sheet 2.
 - (i) Fit the plumbing access cover assembly (8) with velcro. Refer to DET. B, Figure 401, sheet 2.
 - (j) Fit the plumbing access panel (7) at the sink cabinet. Refer to DET. B, Figure 401, sheet 2.
 - (k) Install the mirror (6) to the sink cabinet with velcro. Refer to DET. B, Figure 401, sheet 2.
 - (l) Install the RH cabinet (5) (AMM TASK 25-40-01-400-801-A/400). Refer to DET. B, Figure 401, sheet 2.



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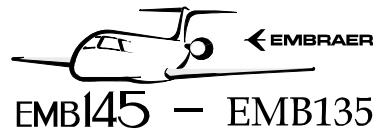
- (m) Apply the sealant around the plumbing access cover assembly. Refer to DET. A, Figure 401, sheet 1.
- (n) Apply the sealant around the RH partition (3) and LH partition (4) (SRM 51-20-01). Refer to DET. A, Figure 401, sheet 1.
- (o) Install the toilet unit (2) ([AMM TASK 38-32-01-400-801-A/400](#)). Refer to DET. A, Figure 401, sheet 1.
- (p) Install the toilet shroud assembly (1) ([AMM TASK 25-40-04-400-801-A/400](#)). Refer to DET. A, Figure 401, sheet 1.

J. Installation (Figure 402)

SUBTASK 420-011-A

EFFECTIVITY: AIRCRAFT WITH BAGGAGE COMPARTMENT PARTITION DOOR

- (1) At the baggage compartment, install the forward baggage-compartment partition (refer to DET. F, Figure 402, sheet 3), as follows:
 - (a) Install the LH partition with the bolts (22) and washers (23).
 - (b) Install the RH partition with the bolts (25) and the washers (26).
 - (c) Install the ramp assembly (24) (TASK 25-50-04-400-801-A).
 - (d) Install the cargo restraint net [AMM TASK 25-50-02-400-801-A/400](#).
 - (e) Close the baggage door ([AMM SDS 52-30-00/1](#)).
- (2) At the lavatory, install the forward baggage-compartment partition, as follows:
 - (a) **NOTE:** Be careful with the rudder cables and elevator cables to prevent injury to persons and damage to the parts.
Install the cable protection shroud (11) with the screws (12) and washers (13). Refer to DET. C, Figure 402, sheet 2.
 - (b) For aircraft with baggage compartment light lavatory switch, connect the splices (14). Refer to DET. C, Figure 402, sheet 2.
 - (c) Install the cable column cover assembly (10) over the cable protection shroud (11) with velcro. Refer to DET. C, Figure 402, sheet 2.
 - (d) Install the sink cabinet (15) to the RH partition with the screws (16, 18 and 20) and washers (17, 19 and 21). Refer to DET. E, Figure 402, sheet 3.
 - (e) Install the water tank (8) [AMM TASK 38-10-01-400-801-A/400](#). Refer to DET. D, Figure 402, sheet 2.
 - (f) Fit the amenity dispenser (9). Refer to DET. D, Figure 402, sheet 2.
 - (g) Put the plumbing access panel (7) at the sink cabinet. Refer to DET. B, Figure 402, sheet 2.
 - (h) Install the mirror (6) to the sink cabinet with velcro. Refer to DET. B, Figure 402, sheet 2.



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- (i) Install the RH cabinet (5) AMM TASK 25-40-01-400-801-A/400. Refer to DET. B, Figure 402, sheet 2.
- (j) Apply the sealant around the RH partition (3) and LH partition (4) (SRM 51-20-01). Refer to DET. A, Figure 402, sheet 1.
- (k) Install the toilet unit (2) [AMM TASK 38-32-01-400-801-A/400](#). Refer to DET. A, Figure 402, sheet 1.
- (l) Install the toilet shroud assembly (1) [AMM TASK 25-40-04-400-801-A/400](#). Refer to DET. A, Figure 402, sheet 1.

