



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

LH FORWARD STOWAGE - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures to remove/install the LH forward stowage.
- B. The LH forward stowage is installed in the passenger cabin, at zone 231.
- 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
25-26-17-000-801-A	LH FORWARD STOWAGE - REMOVAL	AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036
25-26-17-400-801-A	LH FORWARD STOWAGE - INSTALLATION	AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036



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TASK 25-26-17-000-801-A

EFFECTIVITY: AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036

2. LH FORWARD STOWAGE - REMOVAL

A. General

- (1) This task gives the procedure to remove the LH forward stowage.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-27-05-000-801-A/400	-
AMM TASK 26-24-01-000-801-A/400	-
<b>AMM TASK 33-29-01-000-801-A/400</b>	GALLEY CONTROL MODULE - REMOVAL
SRM 51-20-01	-
TASK 25-21-04-000-802-A	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Gloves	To prevent damage	4
Commercially available	Shoe covers	To prevent damage	4

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin
1	Helps the other technician	Passenger cabin

I. Preparation

**SUBTASK 841-003-A**

**CAUTION: USE GLOVES AND SHOE COVERS TO PREVENT DAMAGE TO THE LH FORWARD STOWAGE AND CARPET.**

- (1) Make sure that the aircraft is safe for maintenance.

- (2) Make sure that the LH forward stowage is empty.
- (3) On the air conditioning/pneumatic control panel, installed on the overhead panel, make sure that the PASS CABIN rotary switch is not set to the ATTD position and attach a DO-NOT-SET-TO-ATTD-POSITION tag to it.
- (4) On the overhead panel, set the EMERG LT switch to OFF position and attach a DO-NOT-MOVE-FROM-OFF tag to it.
- (5) On the circuit breaker panel, open the EMERG circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/EMERG).
- (6) On the LH power control and distribution box, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - (a) CABIN LIGHT 1 ( Location Tip: RB DC BUS 1/LIGHTS/CABIN LIGHT 1).
  - (b) CABIN LIGHT 4 ( Location Tip: RB DC BUS 1/LIGHTS/CABIN LIGHT 4).
  - (c) CABIN LIGHT 1 ( Location Tip: RB GND SERVICE DC BUS 1/LIGHTS/CABIN LIGHT 1).
  - (d) CABIN LIGHT 4 ( Location Tip: RB GND SERVICE DC BUS 1/LIGHTS/CABIN LIGHT 4).
- (7) Remove the main door curtain (AMM TASK 25-27-05-000-801-A/400).
- (8) Remove the forward cabin ceiling panel (TASK 25-21-04-000-802-A).
- (9) Remove the sealant from around of the LH forward stowage (SRM 51-20-01). Refer to DET. A, Figure 401, Sheet 1.

**J. LH Forward Stowage - Removal ([Figure 401](#))**

**SUBTASK 020-003-A**

**EFFECTIVITY: AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036**

- (1) Open the door (3). Refer to DET. A, Figure 401, Sheet 1.
- (2) Remove the first-aid-kit (2).
- (3) Remove the fire extinguisher (4) (AMM TASK 26-24-01-000-801-A/400).
- (4) Remove the portable oxygen cylinder (5).
- (5) Close the door (3).
- (6) Pull out the drawer (10) from the LH forward stowage (1) until it stops. Refer to DET. A, Figure 401, Sheet 1.
- (7) Simultaneously, push the pins (11) and pull out the drawer (10).
- (8) Pull out the drawer (12) from the LH forward stowage (1) until it stops. Refer to DET. A, Figure 401, Sheet 1.
- (9) Simultaneously, push the pins (13) and pull out the drawer (12).

- (10) Open the slide door (21). Refer to DET. A, Figure 401, Sheet 1.
- (11) Lift and push the slide door (21) into the LH forward stowage (1).
- (12) Remove the screws (18) and washers (17) that attach the grill (16). Refer to DET. A, Figure 401, Sheet 1.
- (13) Remove the grill (16) to get access to the electronic equipment compartment (15). Refer to DET. A, Figure 401, Sheet 1.
- (14) Remove the control modules (14) ([AMM TASK 33-29-01-000-801-A/400](#)), if applicable.
- (15) Pull the slide door (21) forward and close it. Refer to DET. A, Figure 401, Sheet 1.
- (16) Open the door (7). Refer to DET. A, Figure 401, Sheet 1.
- (17) Remove the medical kit (6).
- (18) Remove the PBE (24). Refer to VIEW C, Figure 401, Sheet 2.
- (19) Remove the screws (33) and washers (32) that attach the PBE support (31). Refer to VIEW C, Figure 401, Sheet 2.
- (20) Remove the screws (30) that attach the cover (29). Refer to VIEW C, Figure 401, Sheet 2.
- (21) Remove the bolt (25) and washer (26) that attach the LH forward stowage (1) to the track engage fitting assembly (27) on the sidewall track (28). Refer to VIEW C, Figure 401, Sheet 2.
- (22) Remove the screws (39) that attach the cover (38).
- (23) Remove the bolt (43) and washer (42) that attach the LH forward stowage (1) to the track engage fitting assembly (41) on the sidewall track (40). Refer to VIEW E, Figure 401, Sheet 2.
- (24) Remove the screws (9) that attach the cover (8). Refer to DET. A, Figure 401, Sheet 1.
- (25) Remove the bolts (34) and washers (35) that attach the floor fittings (37) of the LH forward stowage (1) to the floor track (36).

**CAUTION: THE STEP BELOW MUST BE DONE WITH EXTREME CARE TO PREVENT DAMAGE TO THE LH forward stowage (1) AND THE ELECTRICAL CONNECTORS.**

- (26) Lightly move the LH forward stowage (1) to the aisle to get access to the electrical connectors (23).

**CAUTION: MAKE SURE THAT THE ELECTRICAL CONNECTORS ARE CORRECTLY IDENTIFIED. IF NOT, IDENTIFY THEM TO PREVENT A POSSIBLE INVERSION DURING THE INSTALLATION. INCORRECT CONNECTIONS CAN CAUSE MALFUNCTION OR DAMAGE TO THE EQUIPMENT OR COMPONENT.**

- (27) Disconnect the electrical connectors (23). Refer to DET. B, Figure 401, Sheet 2.



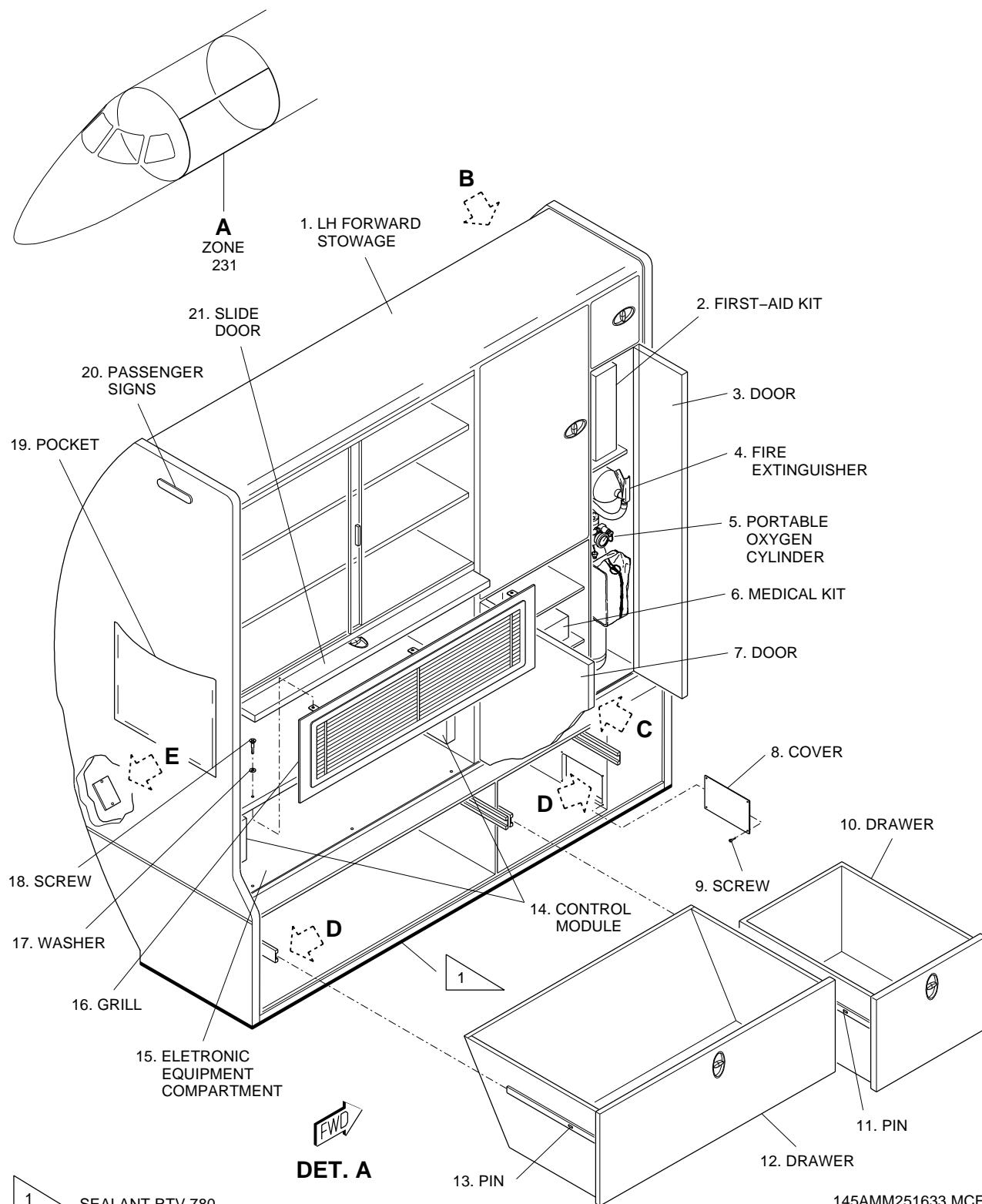
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- (28) Put protective caps on the disconnected electrical connectors (23).
- (29) Remove the LH forward stowage (1).

**EFFECTIVITY: AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036**

LH Forward Stowage - Removal/Installation

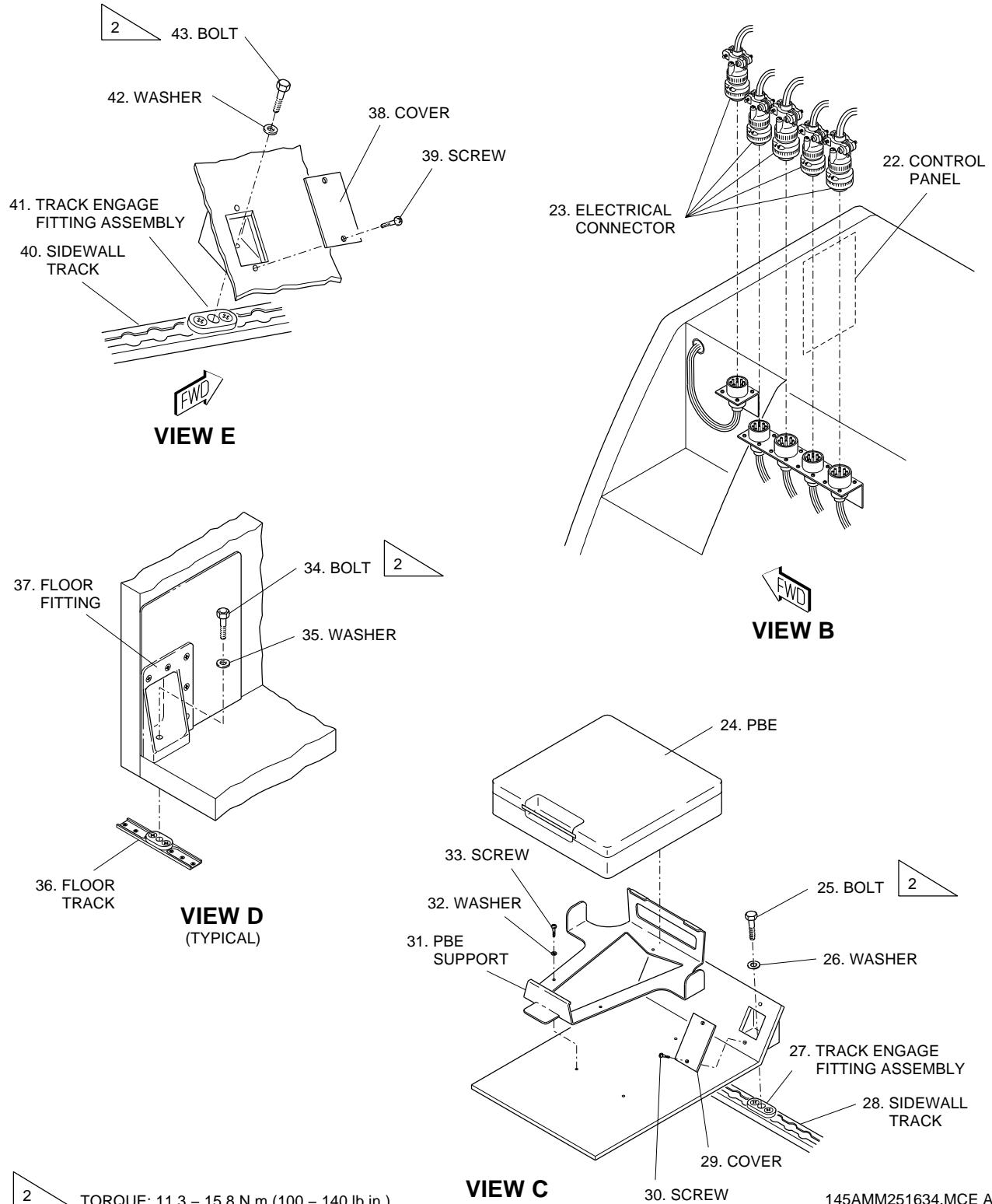
Figure 401 - Sheet 1



**EFFECTIVITY: AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036**

LH Forward Stowage - Removal/Installation

Figure 401 - Sheet 2





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TASK 25-26-17-400-801-A

EFFECTIVITY: AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036

3. LH FORWARD STOWAGE - INSTALLATION

A. General

(1) This task gives the procedure to install the LH forward stowage.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-27-05-400-801-A/400	-
AMM TASK 33-29-01-400-801-A/400	GALLEY CONTROL MODULE - INSTALLATION
AMM TASK 52-73-00-700-801-A/500	AIRSTAIRS MAIN DOOR WARNING MESSAGE - OPERATIONALLY CHECK
SRM 51-20-01	-
TASK 25-21-04-400-802-A	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Gloves	To prevent damage	4
Commercially available	Shoe covers	To prevent damage	4

F. Consumable Materials

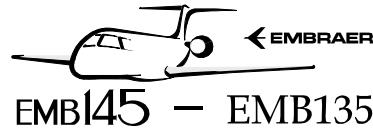
SPECIFICATION (BRAND)	DESCRIPTION	QTY
RTV 780 (black)	Sealant	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin
1	Helps the other technician	Passenger cabin



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I. LH Forward Stowage - Installation (Figure 401)

SUBTASK 420-003-A

EFFECTIVITY: AIRCRAFT WITH LH FORWARD STOWAGE OR POST-MOD SB 145-00-0036

CAUTION: USE GLOVES AND SHOE COVERS TO PREVENT DAMAGE TO THE LH FORWARD STOWAGE AND CARPET.

- (1) Remove the sealant residues from around of the LH forward stowage (1) (SRM 51-20-01). Refer to DET. A, Figure 401, Sheet 1.
- (2) Put the LH forward stowage (1) in position.
- (3) Remove the protective caps from the disconnected electrical connectors (23). Refer to VIEW B, Figure 401, Sheet 2.

CAUTION: MAKE SURE THAT THE ELECTRICAL CONNECTORS ARE CORRECTLY IDENTIFIED. IF NOT, IDENTIFY THEM TO PREVENT A POSSIBLE INVERSION DURING THE INSTALLATION. INCORRECT CONNECTIONS CAN CAUSE MALFUNCTION OR DAMAGE TO THE EQUIPMENT OR COMPONENT.

- (4) Connect the electrical connectors (23).
- (5) Put the LH forward stowage (1) in its installation position.
- (6) Attach the LH forward stowage (1) to the track engage fitting assembly (41) on the sidewall track (40) with the bolts (43) and washers (42). Refer to VIEW E, Figure 401, Sheet 2.
- (7) Install the cover (38) with the screws (39). Refer to VIEW E, Figure 401, Sheet 2.
- (8) Open the door (7). Refer to DET. A, Figure 401, Sheet 1.
- (9) Attach the LH forward stowage (1) to the track engage fitting assembly (27) on the sidewall track (28) with the bolts (25) and washers (26). Refer to VIEW C, Figure 401, Sheet 2.
- (10) Install the cover (29) with the screws (30). Refer to VIEW C, Figure 401, Sheet 2.
- (11) Attach the LH forward stowage (1) to the floor tracks (36) through the floor fittings (37) with the bolts (34) and washers (35). Refer to VIEW D, Figure 401, Sheet 2.
- (12) Install the cover (8) with the screws (9). Refer to DET. A, Figure 401, Sheet 1.
- (13) Install the PBE support (31) with the screws (33) and washers (32). Refer to VIEW C, Figure 401, Sheet 2.
- (14) Install the PBE (24). Refer to VIEW C, Figure 401, Sheet 2.
- (15) Install the medical kit (6). Refer to DET. A, Figure 401, Sheet 1.
- (16) Close the door (7). Refer to DET. A, Figure 401, Sheet 1.
- (17) Open the slide door (21). Refer to DET. A, Figure 401, Sheet 1.
- (18) Lift and push the slide door (21) into the LH forward stowage (1).

- (19) Install the control modules (14) ([AMM TASK 33-29-01-400-801-A/400](#)), if applicable.
- (20) Install the grill (16) with the screws (18) and washers (17) to close the access to the electronic equipment compartment (15). Refer to DET. A, Figure 401, Sheet 1.
- (21) Pull the slide door (21) forward and close it. Refer to DET. A, Figure 401, Sheet 1.
- (22) Return the drawers (10) and (12) to its original position. Refer to DET. A, Figure 401, Sheet 1.
- (23) Open the door (3). Refer to DET. A, Figure 401, Sheet 1.
- (24) Install the portable oxygen cylinder (5).
- (25) Install the fire extinguisher (4) ([TASK 26-24-01-400-801-A](#)).
- (26) Install the first-aid-kit (2).
- (27) Close the door (3).

J. Follow-on

**SUBTASK 842-003-A**

- (1) Apply the sealant around of the LH forward stowage (1) ([SRM 51-20-01](#)). Refer to DET. A, Figure 401, Sheet 1.
- (2) On the overhead panel, remove the DO-NOT-SET-TO-ATTD-POSITION tag from the air conditioning/pneumatic control panel.
- (3) Close the EMERG circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/EMERG).
- (4) On the overhead panel, set the EMERG LT switch to ARM position and remove the DO-NOT-MOVE-FROM-OFF tag from it.
- (5) On the LH power control and distribution box, close these circuit breakers and remove the DO-NOT-CLOSE tags from them:
  - (a) CABIN LIGHT 1 ( Location Tip: RB DC BUS 1/LIGHTS/CABIN LIGHT 1).
  - (b) CABIN LIGHT 4 ( Location Tip: RB DC BUS 1/LIGHTS/CABIN LIGHT 4).
  - (c) CABIN LIGHT 1 ( Location Tip: RB GND SERVICE DC BUS 1/LIGHTS/CABIN LIGHT 1).
  - (d) CABIN LIGHT 4 ( Location Tip: RB GND SERVICE DC BUS 1/LIGHTS/CABIN LIGHT 4).
- (6) Install the forward cabin ceiling panel ([TASK 25-21-04-400-802-A](#)).
- (7) Install the main door curtain ([AMM TASK 25-27-05-400-801-A/400](#)).
- (8) Do an operational test of the main door internal control panel ([AMM TASK 52-73-00-700-801-A/500](#)).