



AIRCRAFT MAINTENANCE MANUAL

EMERGENCY EQUIPMENT STOWAGE UNIT - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH EMERGENCY EQUIPMENT STOWAGE UNIT

1. General

- A. This section gives the procedures to remove/install the emergency equipment stowage unit.
- 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
25-26-03-000-801-A	EMERGENCY EQUIPMENT STOWAGE UNIT - REMOVAL	AIRCRAFT WITH EMERGENCY EQUIP- MENT STOWAGE UNIT
25-26-03-400-801-A	EMERGENCY EQUIPMENT STOWAGE UNIT - INSTALLATION	AIRCRAFT WITH EMERGENCY EQUIP- MENT STOWAGE UNIT



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 25-26-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH EMERGENCY EQUIPMENT STOWAGE UNIT

2. EMERGENCY EQUIPMENT STOWAGE UNIT - REMOVAL

A. General

- (1) This task gives the procedure to remove the emergency equipment stowage unit.
- (2) The emergency equipment stowage unit is installed in the passenger cabin, at zone 231.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-22-04-000-801-A/400	-
AMM TASK 25-27-05-000-801-A/400	-
S.B.145-25-0104	-
S.B.145-25-0131	-

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

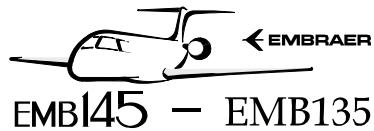
H. Persons Recommended

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

I. Preparation

SUBTASK 841-004-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) 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.
- (3) On the overhead panel, set the EMERG LT switch to OFF position and attach a DO-NOT-MOVE-FROM-OFF tag to it.



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

- (4) 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).
- (5) Remove the main door curtain (AMM TASK 25-27-05-000-801-A/400).
- (6) Remove the sealant from the forward portion of the emergency equipment stowage unit.
- (7) For aircraft PRE-MOD. [S.B.145-25-0104](#), remove the forward cabin ceiling panel (AMM TASK 25-22-04-000-801-A/400).

J. Removal ([Figure 401](#)) ([Figure 402](#))

SUBTASK 020-004-A

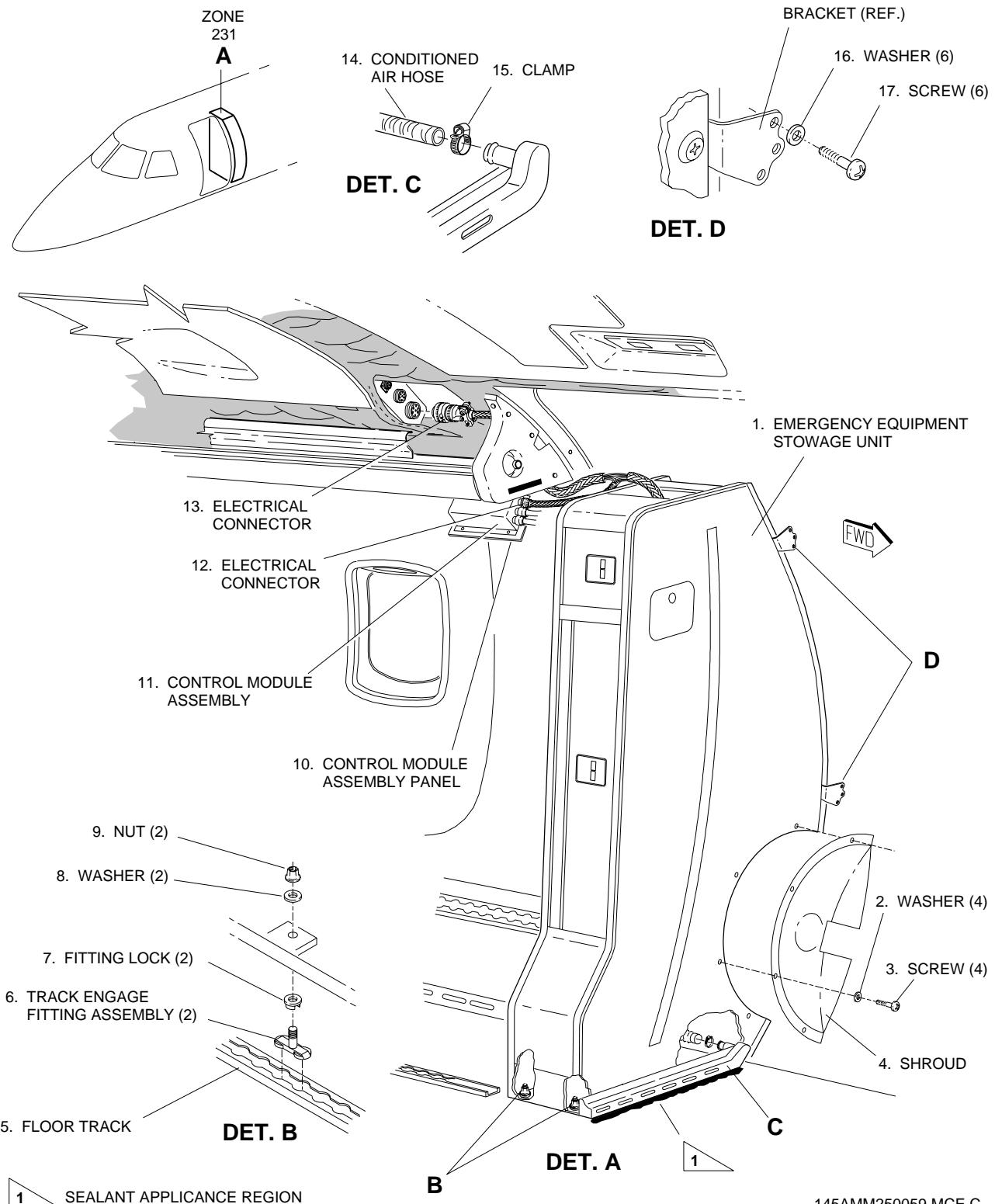
- (1) For aircraft PRE-MOD. [S.B.145-25-0104](#), do the steps (a) through (l) below ([Figure 401](#)):
 - (a) Remove the emergency equipment from the emergency equipment stowage unit (1).
 - (b) Remove the screws (3) and washers (2) that attach the shroud (4) and remove it.
 - (c) Loosen the clamp (15) and remove the conditioned air hose (14) from the emergency equipment stowage unit (1).
 - (d) Remove the screws (17) and washers (16) that attach the emergency equipment stowage unit (1).
 - (e) For aircraft PRE-MOD. [S.B.145-25-0131](#), do the steps below:
 - Loosen the nuts (9) and washers (8) that attach the track engage fitting assemblies (6) to the floor track (5).
 - Lift and turn the fitting locks (7) by approximately 90 degrees.
 - Move the emergency equipment stowage unit (1) to a position where the track engage fitting assemblies (6) coincide with the larger openings of the floor track (5) slot.
 - (f) For aircraft POST-MOD. [S.B.145-25-0131](#), remove the bolts (18) or (15) and washers (19) or (16) that attach the track engage fitting assemblies (20) or (17) to the floor track (21) or (18).
 - (g) Remove the emergency equipment stowage unit (1) from the floor track (5).
 - (h) Lightly move the emergency equipment stowage unit (1) and open the control module assembly panel (10).
 - (i) Disconnect the electrical connector (12) from the control module assembly (11).
 - (j) Disconnect the electrical connector (13).
 - (k) Close the control module assembly panel (10).
 - (l) Remove the emergency equipment stowage unit (1).



EMB145 – EMB135

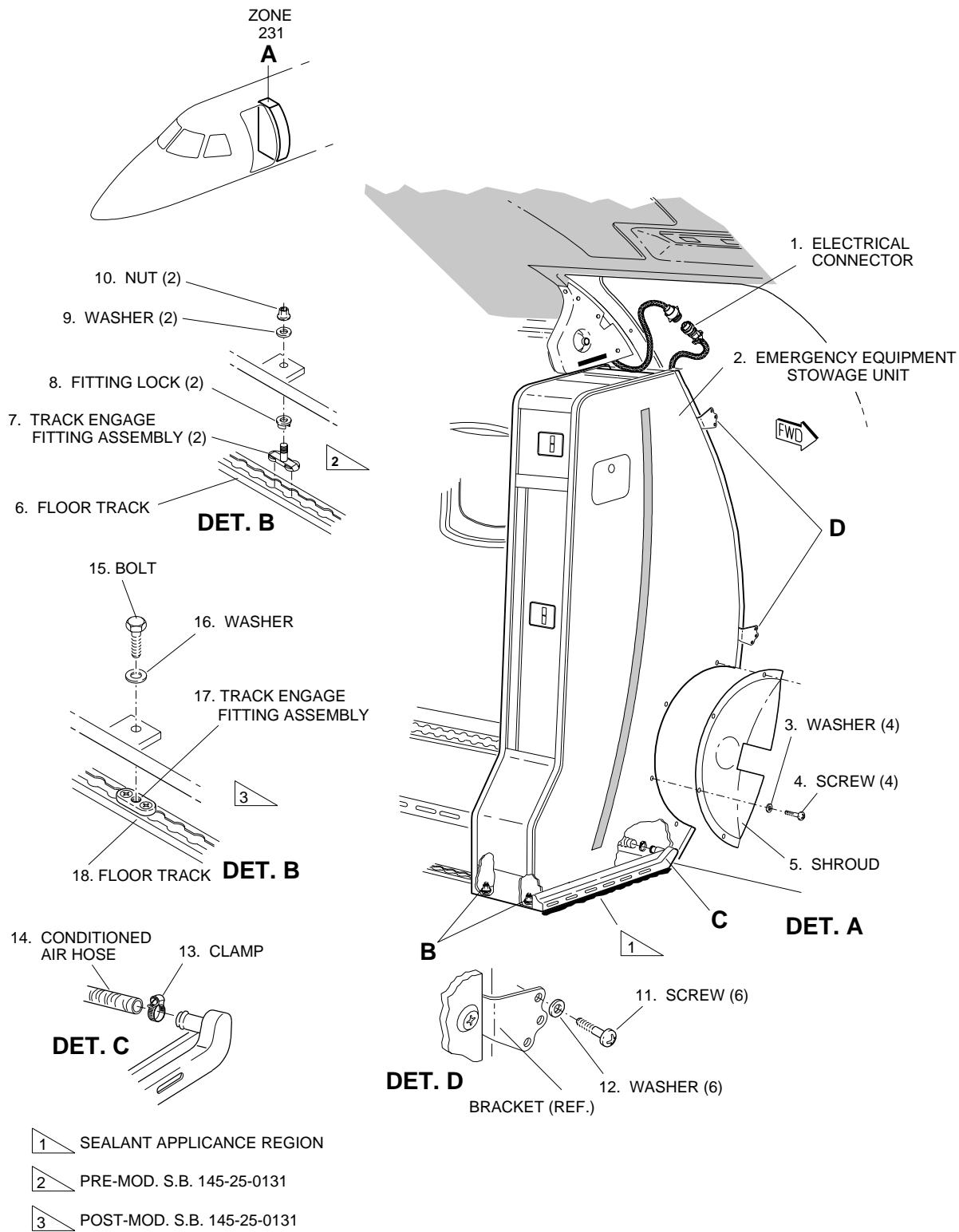
AIRCRAFT
MAINTENANCE MANUAL

- (2) For aircraft POST-MOD. [S.B.145-25-0104](#), do the steps (a) through (i) below ([Figure 402](#)):
- (a) Remove the emergency equipment from the emergency equipment stowage unit (2).
 - (b) Remove the screws (4) and washers (3) that attach the shroud (5) and remove it.
 - (c) Loosen the clamp (13) and remove the conditioned air hose (14) from the emergency equipment stowage unit (2).
 - (d) Remove the screws (11) and washers (12) that attach the emergency equipment stowage unit (2).
 - (e) For aircraft PRE-MOD. S. B. 145-25-0131, do the steps below:
 - Loosen the nuts (10) and washers (9) that attach the track engage fitting assemblies (7) to the floor track (6).
 - Lift and turn the fitting locks (8) by approximately 90 degrees.
 - Move the emergency equipment stowage unit (2) to a position where the track engage fitting assemblies (7) coincide with the larger openings of the floor track (6) slot.
 - (f) For aircraft POST-MOD. [S.B.145-25-0131](#), remove the bolts (15) and washers (16) that attach the track engage fitting assemblies (17) to the floor track (18).
 - (g) Remove the emergency equipment stowage unit (2) from the floor track (6).
 - (h) Disconnect the electrical connector (1).
 - (i) Remove the emergency equipment stowage unit (2).

EFFECTIVITY: PRE-MOD. S.B. 145-25-0104
Emergency Equipment Stowage Unit - Removal/Installation
Figure 401


145AMM250059.MCE C

EFFECTIVITY: POST-MOD. S.B. 145-25-0104
Emergency Equipment Stowage Unit - Removal/Installation
Figure 402



TASK 25-26-03-400-801-A
EFFECTIVITY: AIRCRAFT WITH EMERGENCY EQUIPMENT STOWAGE UNIT
3. EMERGENCY EQUIPMENT STOWAGE UNIT - INSTALLATION
A. General

- (1) This task gives the procedure to install the emergency equipment stowage unit.
- (2) The emergency equipment stowage unit is installed in the passenger cabin, at zone 231.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 21-60-00-700-801-A/500	TEMPERATURE CONTROL SYSTEM - OPERATIONAL CHECK
AMM TASK 25-22-04-400-801-A/400	-
AMM TASK 25-27-05-400-801-A/400	-
AMM TASK 33-21-00-700-801-A/500	PASSENGER CABIN LIGHTS - OPERATIONAL TEST
AMM TASK 33-25-00-700-801-A/500	READING AND ATTENDANT CALL LIGHTS (1) - OPERATIONAL TEST
AMM TASK 33-50-00-700-801-A/500	EMERGENCY LIGHTS - OPERATIONAL CHECK
AMM TASK 52-73-00-700-801-A/500	AIRSTAIRS MAIN DOOR WARNING MESSAGE - OPERATIONALLY CHECK
S.B.145-25-0104	-
S.B.145-25-0131	-
S.B.145-52-0005	-
SRM 51-20-01	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
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

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-004-A

- (1) For aircraft PRE-MOD. [S.B.145-25-0104](#), do the steps (a) through (p) below (Figure 401):
 - (a) Remove the sealant residues (SRM 51-20-01) from the related area.
 - (b) Put the emergency equipment stowage unit (1) in position to do the electrical connections.
 - (c) Open the control module assembly panel (10).
 - (d) Connect the electrical connector (13).
 - (e) Connect the electrical connector (12) to the control module assembly (11).
 - (f) Close the control module assembly panel (10).
 - (g) Put the emergency equipment stowage unit (1) in the correct position.
 - (h) For aircraft PRE-MOD. [S.B.145-25-0131](#), make sure that the track engage fitting assemblies (6) are put into the floor track (5) and the fitting locks (7) are locked.
 - (i) For aircraft POST-MOD. [S.B.145-25-0131](#), put the bolts (18) and the washers (19) into the track engage fitting assemblies (20) at the floor track (21), but not tighten them now.
 - (j) Attach the emergency equipment stowage unit (1) with the screws (17) and washers (16).
 - (k) For aircraft PRE-MOD. [S.B.145-25-0131](#), attach the emergency equipment stowage unit (1) with the nuts (9) and washers (8).
 - (l) For aircraft POST-MOD. [S.B.145-25-0131](#), tighten the bolts (18) and washers (19) that attach the floor track (21).
 - (m) Connect the conditioned air hose (14) and tighten the clamp (15).
 - (n) Install the shroud (4) and attach it with the screws (3) and washers (2).
 - (o) Install the emergency equipment into the emergency equipment stowage unit (1).
 - (p) Apply the sealant in the forward portion of the emergency equipment stowage unit (1) (SRM 51-20-01).
- (2) For aircraft POST-MOD. [S.B.145-25-0104](#), do the steps (a) through (m) below (Figure 402):

- (a) Remove the sealant residues (SRM 51-20-01) from the related area.
- (b) Put the emergency equipment stowage unit (2) in position to do the electrical connections.
- (c) Connect the electrical connector (1).
- (d) Put the emergency equipment stowage unit (2) in the correct position.
- (e) For aircraft PRE-MOD. [S.B.145-25-0131](#), make sure that the track engage fitting assemblies (7) are put into the floor track (6) and the fitting locks (8) are locked.
- (f) For aircraft POST-MOD. [S.B.145-25-0131](#), put the bolts (15) and washers (16) into the track engage fitting assemblies (17) at the floor track (18), but not tighten them now.
- (g) Attach the emergency equipment stowage unit (2) with the screws (11) and washers (12).
- (h) For aircraft PRE-MOD. [S.B.145-25-0131](#), attach the emergency equipment stowage unit (2) with the nuts (10) and washers (9).
- (i) For aircraft POST-MOD. [S.B.145-25-0131](#), tighten the bolts (15) and washers (16) that attach the floor track (18).
- (j) Connect the conditioned air hose (14) and tighten the clamp (13).
- (k) Install the shroud (5) and attach it with the screws (4) and washers (3).
- (l) Install the emergency equipment into the emergency equipment stowage unit (2).
- (m) Apply the sealant in the forward portion of the emergency equipment stowage unit (1) (SRM 51-20-01).

J. Follow-on

SUBTASK 842-004-A

- (1) On the air conditioning/pneumatic control panel, installed on the overhead panel, remove the DO-NOT-SET-TO-ATTD-POSITION tag from the PASS CABIN rotary switch.
- (2) On the circuit breaker panel, close the EMERG circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: ESSENTIAL DC BUS2/LIGHTS/EMERG).
- (3) On the overhead panel, set the EMERG LT switch to the ARM position and remove the DO-NOT-MOVE-FROM-OFF tag from it.
- (4) Do an operational test of the emergency lights ([AMM TASK 33-50-00-700-801-A/500](#)).
- (5) Do an operational test of the attendant call and the passenger service units (PSUs) ([AMM TASK 33-25-00-700-801-A/500](#)).
- (6) Do an operational test of the cabin lights ([AMM TASK 33-21-00-700-801-A/500](#)).
- (7) Do an operational test of the cabin temperature control ([AMM TASK 21-60-00-700-801-A/500](#)).



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

- (8) Do an operational test of the main door internal control panel ([AMM TASK 52-73-00-700-801-A/500](#)) (except for aircraft with side-hinged main door installed and POST-MOD. [S.B.145-52-0005](#)).
- (9) If you removed the forward cabin ceiling panel, install it again (AMM TASK 25-22-04-400-801-A/400).
- (10) Install the main door curtain (AMM TASK 25-27-05-400-801-A/400).