



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**FLIGHT ATTENDANT SEAT - REMOVAL/INSTALLATION**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove/install the flight attendant seat.
- B. The flight attendant seat is installed in the passenger cabin, in 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
25-21-02-000-801-A	FLIGHT ATTENDANT SEAT - REMOVAL	ALL
25-21-02-400-801-A	FLIGHT ATTENDANT SEAT - INSTALLA- TION	ALL
25-21-02-040-801-A	FLIGHT ATTENDANT SEAT - DEACTIVA- TION	ALL
25-21-02-440-801-A	FLIGHT ATTENDANT SEAT - REACTIVA- TION	ALL



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-21-02-000-801-A

EFFECTIVITY: ALL

2. FLIGHT ATTENDANT SEAT - REMOVAL

A. General

- (1) This task gives the procedures to remove the flight attendant seat.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-31-03-000-801-A/400	ATTENDANT HANDSET/CRADLE - REMOVAL
AMM TASK 33-50-16-000-801-A/400	FLASHLIGHT ASSEMBLY - REMOVAL
S.B.145-25-0153	-
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
1	Does the task	Passenger cabin

I. Preparation

*SUBTASK 841-002-A*

- (1) Make sure that the aircraft is not energized and that the GPU (Ground Power Unit) is not connected to the GPU receptacle.
- (2) On the circuit breaker panel, open the COURTESY LIGHT 1 and the COURTESY LIGHT 2 and attach a DO-NOT-CLOSE tag to them (Location Tip: HOT BUS 2/ COURTESY LIGHT 1 and 2).
- (3) On the overhead panel, set the EMERG LT switch to the off position.
- (4) On the circuit breaker panel, open the PA circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (5) Remove the attendant handset/cradle ([AMM TASK 23-31-03-000-801-A/400](#)).

- (6) Remove the flashlight (4) ( AMM TASK 33-50-16-000-801-A/400).

J. Removal (Figure 401)

SUBTASK 020-002-A

- (1) Remove the lifevest compartment. Refer to DET. E, Figure 401, sheet 2.
  - (a) Open the lifevest compartment door (20).
  - (b) Remove the lifevest (19) from the lifevest compartment.
  - (c) Remove the sealant from around the lifevest compartment at the passenger-cabin front portion (SRM 51-20-01).
  - (d) Remove the screws (18) and washers (17) that attach the lifevest compartment.
  - (e) Remove the screws (15) and washers (14) that attach the top panel (16).
  - (f) Lift and pull the panel assembly (21) from the side panel structure assembly (22).
- (2) Remove the flight attendant seat assembly (3), as follows:
  - (a) Remove the headrest assembly (1). Refer to DET. A, Figure 401, sheet 1.
  - (b) Remove the seat cushion assembly (2). Refer to DET. A, Figure 401, sheet 1.
  - (c) For aircraft PRE-MOD. [S.B.145-25-0153](#), with harness bracket (7), remove the screws (6) and washers (5). Refer to DET. B, Figure 401, sheet 1.
  - (d) For aircraft POST-MOD. [S.B.145-25-0153](#), with standard harness (10), remove the screws (9) and washers (8). Refer to DET. B, Figure 401, sheet 1.
  - (e) Remove the screws (13) and washers (12) that attach the shroud assembly (11). Refer DET. C, Figure 401, sheet 2.
  - (f) Disconnect the electrical connector (A) of the loudspeaker over the attendant seat. Refer to DET. C and VIEW D, Figure 401, sheet 2.
  - (g) Disconnect the electrical connector (B) from the courtesy control panel. Refer to DET. C and VIEW D, Figure 401, sheet 2.
  - (h) Disconnect the electrical connector (C) from the emergency light. Refer to DET. C and VIEW D, Figure 401, sheet 2.
  - (i) Remove the screws (28), washers (27) and spacers (26) that attach the back structure (29). Refer DET. F, Figure 401, sheet 3.

**WARNING: THE BOTTOM STRUCTURE (25) IS ASSEMBLED UNDER SPRING TENSION. USE EXTREME CARE WHEN YOU REMOVE COMPONENTS CONNECTED TO THE FLIGHT ATTENDANT SEAT TO PREVENT DAMAGE.**

- (j) Remove the pins (32), retaining rings (34) and washers (33) that attach the bottom structure assembly. Refer DET. J, Figure 401, sheet 4.



EMB145 - EMB135

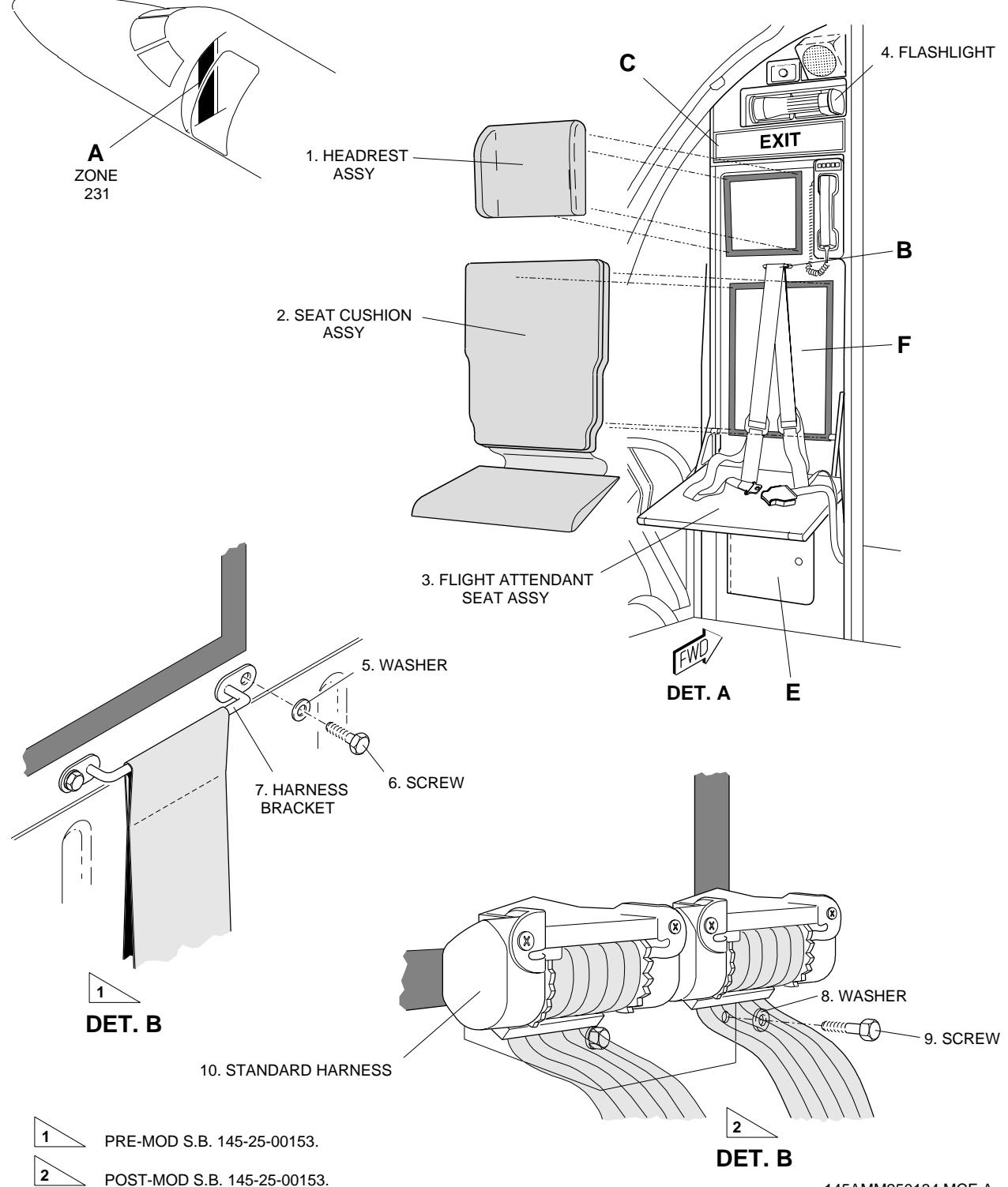
AIRCRAFT  
MAINTENANCE MANUAL

- (k) Slowly lift the back structure (29) from the side panel structure assemblies. Refer DET. F, Figure 401, sheet 3 and DET. K, Figure 401, sheet 4.
- (l) Remove the screws (31) and washers (30) from the cockpit panel. Refer VIEW H, Figure 401, sheet 3.
- (m) Remove the screws (24) and washers (23) that attach the side panel structure assembly. Refer DET. F, Figure 401, sheet 3.
- (n) On aircraft with literature pocket (35) located on the bottom of the flight attendant seat, pull the fastener buttons (36) and velcro to remove the literature pocket (35), if necessary. Refer to VIEW L, Figure 401, sheet 4.

**EFFECTIVITY: ALL**

Flight Attendant Seat – Removal/Installation

Figure 401 - Sheet 1

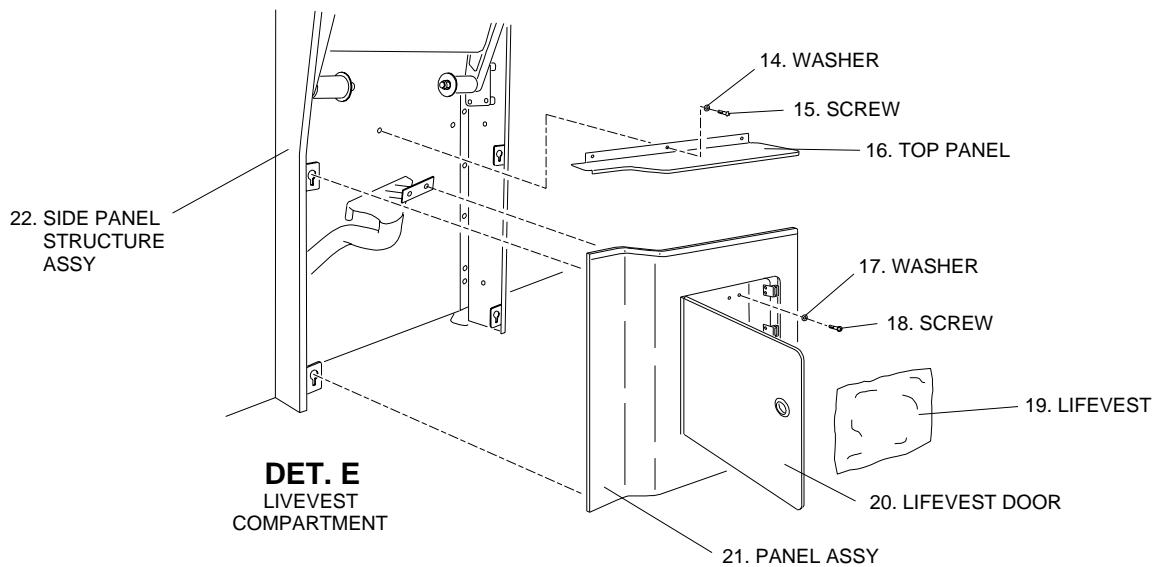
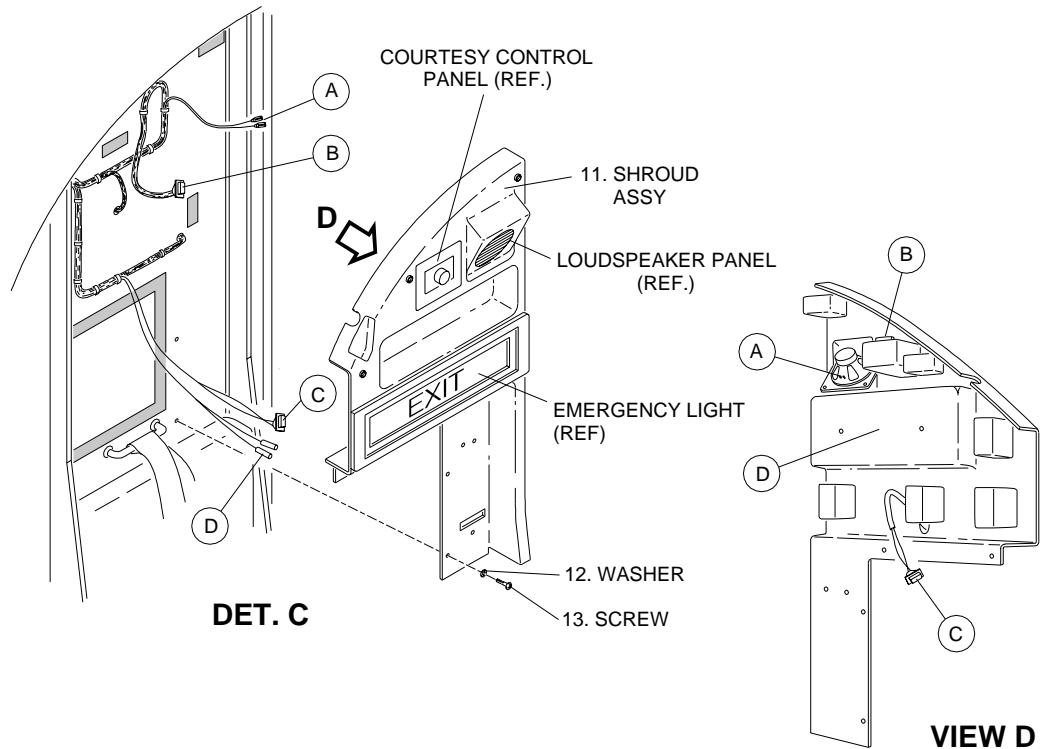


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**EFFECTIVITY: ALL**

Flight Attendant Seat – Removal/Installation

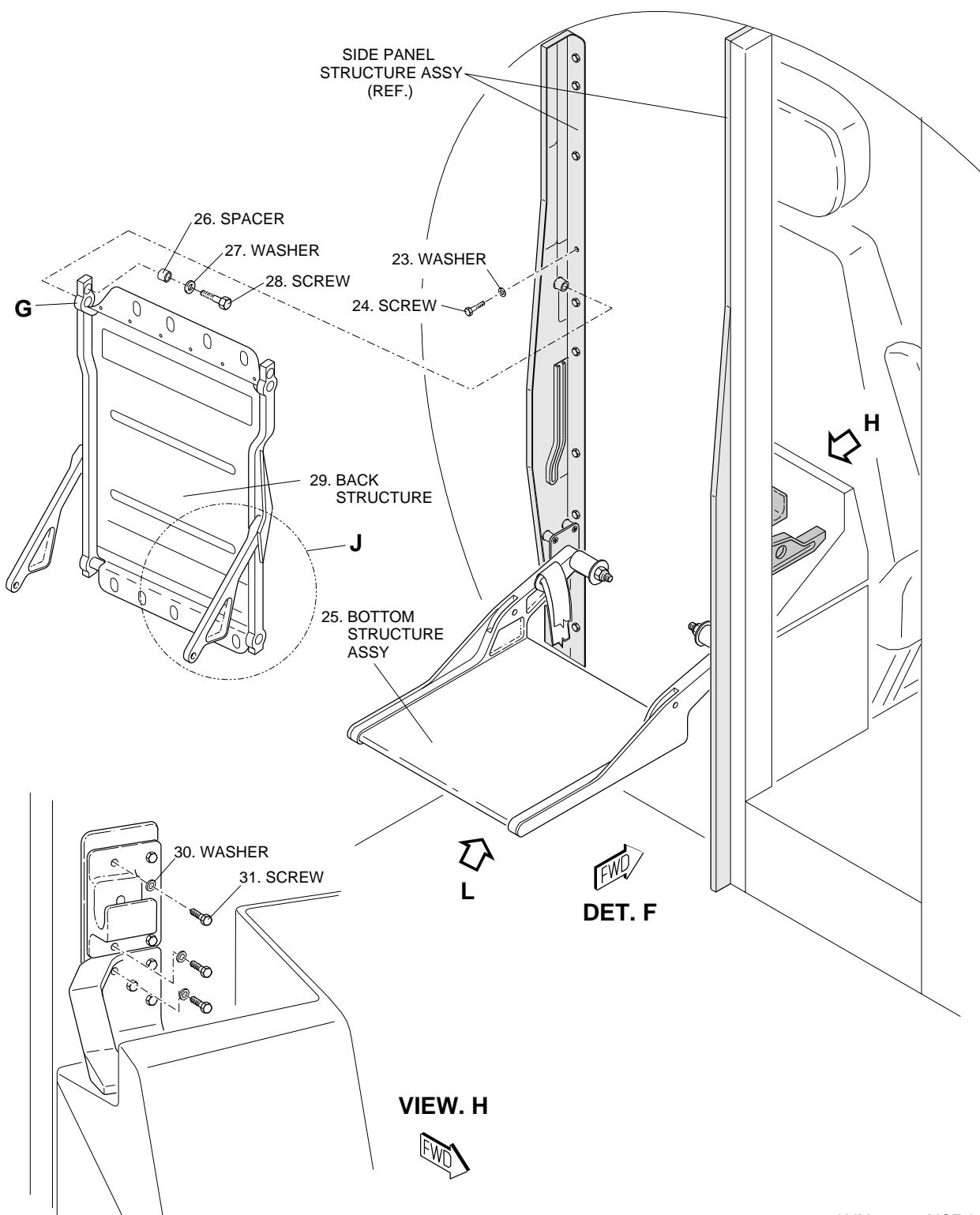
Figure 401 - Sheet 2



**EFFECTIVITY: ALL**

Flight Attendant Seat – Removal/Installation

Figure 401 - Sheet 3

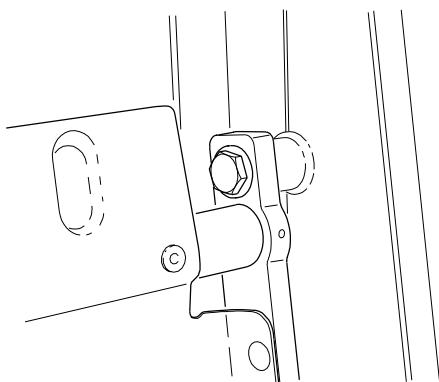


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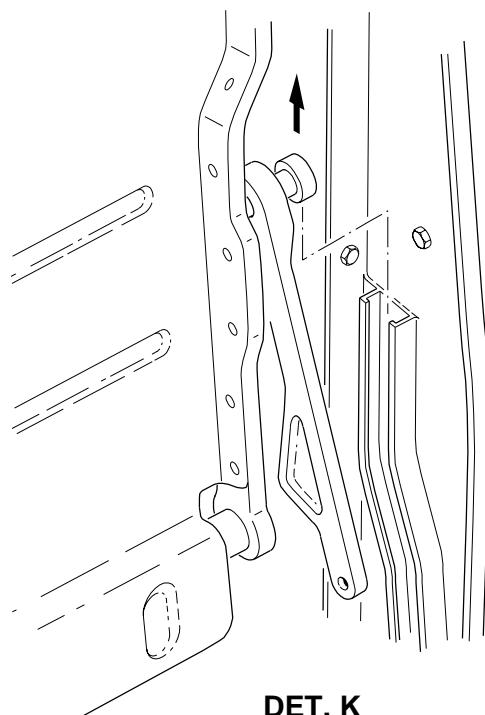
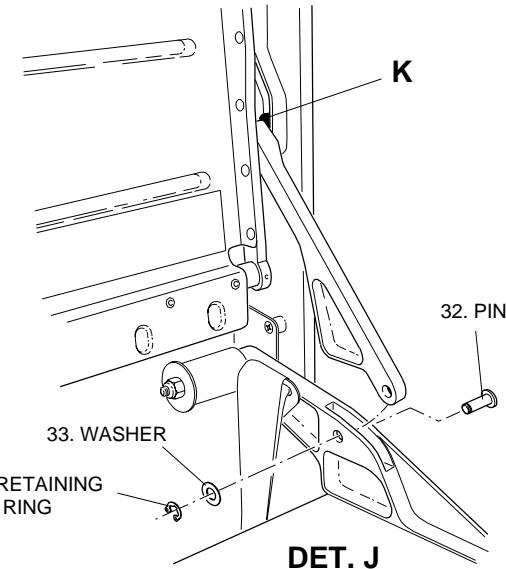
**EFFECTIVITY: ALL**

Flight Attendant Seat – Removal/Installation

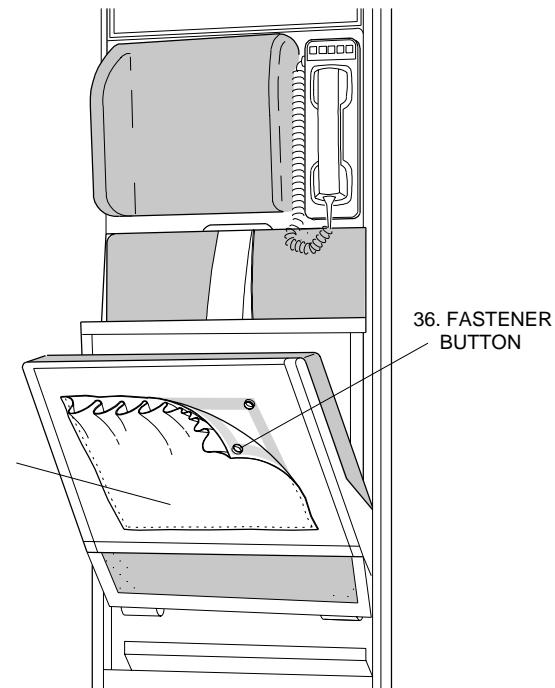
Figure 401 - Sheet 4

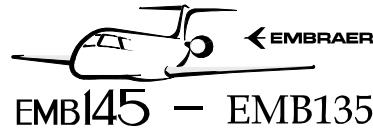


**DET. G**



**DET. K**





EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-21-02-400-801-A

EFFECTIVITY: ALL

3. FLIGHT ATTENDANT SEAT - INSTALLATION

## A. General

- (1) This task gives the procedures to install the flight attendant seat.

## B. References

REFERENCE	DESIGNATION
AMM TASK 23-31-00-700-803-A/500	PASSENGER CABIN LOUDSPEAKER - OPERATIONAL CHECK
AMM TASK 23-31-03-400-801-A/400	ATTENDANT HANDSET/CRADLE - INSTALLATION
AMM TASK 33-26-00-700-801-A/500	COURTESY/STAIR LIGHTS - OPERATIONAL TEST
AMM TASK 33-50-00-700-801-A/500	EMERGENCY LIGHTS - OPERATIONAL CHECK
AMM TASK 33-50-16-400-801-A/400	FLASHLIGHT ASSEMBLY - INSTALLATION
S.B.145-25-0153	-
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
RTV780 (Black)	Sealant	AR

## G. Expandable Parts

Not Applicable

## H. Persons Recommended

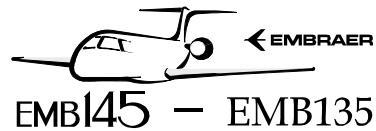
QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

## I. Installation (Figure 401)

## SUBTASK 420-002-A

- (1) Install the flight attendant seat assembly (3), as follows:

- (a) If you removed the literature pocket (35), push the fastener buttons (36) and velcro to install it again on the bottom of the flight attendant seat. Refer to VIEW L, Figure 401, sheet 4.
  - (b) Install the side panel structure assembly with screws (24) and washers (23). Refer DET. F, Figure 401, sheet 3.
  - (c) Tighten the screws (31) and washers (30) at the cockpit panel. Refer to VIEW H, Figure 401, sheet 3.
  - (d) Slowly fit the back structure (29) to the side panel structure assemblies. Refer to DET. F, Figure 401, sheet 3 and DET. K, Figure 401, sheet 4.
  - (e) Install the back structure (29) with the screws (28), washers (27) and spacers (26). Refer to DET. F, Figure 401, sheet 3.
- WARNING: THE BOTTOM STRUCTURE (25) IS ASSEMBLED UNDER SPRING TENSION. USE EXTREME CARE WHEN YOU INSTALL COMPONENTS CONNECTED TO THE FLIGHT ATTENDANT SEAT TO PREVENT DAMAGE.**
- (f) Install the pins (32), retaining rings (34) and washers (33) that attach the bottom structure. Refer to DET. J, Figure 401, sheet 4.
  - (g) Connect the electrical connector (A) to the loudspeaker over the attendant seat. Refer to DET. C and VIEW D, Figure 401, sheet 2.
  - (h) Connect the electrical connector (B) to the courtesy control panel. Refer to DET. C and VIEW D, Figure 401, sheet 2.
  - (i) Connect the electrical connector (C) to the emergency light. Refer to DET. C and VIEW D, Figure 401, sheet 2.
  - (j) Install the shroud assembly (11) with screws (13) and washers (12). Refer to DET. C, Figure 401, sheet 2.
  - (k) For aircraft PRE-MOD. [S.B.145-25-0153](#), with harness bracket (7), install it with the screws (6) and washers (5). Refer to DET. B, Figure 401, sheet 1.
  - (l) For aircraft POST-MOD. [S.B.145-25-0153](#), with standard harness (10), install it with the screws (9) and washers (8). Refer to DET. B, Figure 401, sheet 1.
  - (m) Install the seat cushion assembly (2). Refer to DET. A, Figure 401, sheet 1.
  - (n) Install the headrest assembly (1). Refer to DET. A, Figure 401, sheet 1.
- (2) Install the lifevest compartment. Refer to DET. E, Figure 401, sheet 2.
- (a) Attach the screws (18) and washers (17) inside the lifevest compartment.
  - (b) Fit the panel assembly (21) at the side panel structure assembly (22).
  - (c) Install the top panel (16) with the screws (15) and washers (14).
  - (d) Apply sealant around the lifevest compartment in the passenger-cabin front portion (SRM 51-20-01).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (e) Put the lifevest (19) in the lifevest compartment.
- (f) Close the lifevest compartment door (20).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the flashlight (4) ([AMM TASK 33-50-16-400-801-A/400](#)).
- (2) Install the attendant handset/cradle ([AMM TASK 23-31-03-400-801-A/400](#)).
- (3) On the circuit breaker panel, close the COURTESY LIGHT 1 and the COURTESY LIGHT 2 and remove the DO-NOT-CLOSE tag from them (Location Tip: HOT BUS 2/COURTESY LIGHT 1 and 2).
- (4) On the circuit breaker panel, close the PA circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (5) Do an operational test of the EMERGENCY LIGHT ([AMM TASK 33-50-00-700-801-A/500](#)).
- (6) Do an operational test of the courtesy light ([AMM TASK 33-26-00-700-801-A/500](#)).
- (7) Do the Passenger-Cabin Loudspeaker Operational Check ([AMM TASK 23-31-00-700-803-A/500](#)).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-21-02-040-801-A

EFFECTIVITY: ALL

4. FLIGHT ATTENDANT SEAT - DEACTIVATION

A. General

- (1) This task gives the procedure to deactivate the flight attendant seat.
- (2) This task refers to item 25-11-04 - Cabin Attendant Seats - of the DDPM
- (3) The aircraft may be dispatched with the Cabin Attendant Seat inoperative provided:
  - (a) Associated seat position(s) is not occupied;
  - (b) Flight Attendant displaced from inoperative seat occupies the passenger seat closest to his/her duty station;
  - (c) Alternate procedures are established for displaced flight attendant;
  - (d) Folding-type seat is stowed or secured in the retracted position;
  - (e) Passenger seat assigned to flight attendant is placarded "FOR FLIGHT ATTENDANT USE ONLY".

NOTE: • A folding seat that will not stow automatically is considered inoperative.  
• A seat with a missing or inoperative lap belt and/or shoulder harness is considered inoperative.  
• The above provisos apply only to required flight attendants. Seat position in excess of those required may be inoperative provided they are properly stowed or secured in the retracted position.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit-RH/Cockpit-LH



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MAINTENANCE MANUAL

H. Deactivation

SUBTASK 841-004-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Attach an "INOP - DO NOT OCCUPY" placard to the Attendant's seat and also attach a "FOR FLIGHT ATTENDANT ONLY" placard to the assigned passenger seat.
- (3) Make an entry in the aircraft technical logbook to show that you did the deactivation procedure for the flight attendant seat.

**TASK 25-21-02-440-801-A**
**EFFECTIVITY: ALL**
**5. FLIGHT ATTENDANT SEAT - REACTIVATION**
**A. General**

- (1) This task gives the procedure to reactivate the flight attendant.
- (2) This task refers to item 25-11-04 - Cabin Attendant Seats - of the DDPM

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
<a href="#">AMM TASK 25-21-02-200-801-A/600</a>	FLIGHT ATTENDANT SEAT - INSPECTION

**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**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Cockpit-RH/Cockpit-LH

**I. Reactivation**
**SUBTASK 841-005-A**

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Do the troubleshooting and the applicable corrective maintenance procedure for the flight attendant seats [AMM TASK 25-21-02-200-801-A/600](#).
- (3) Remove the "INOP - DO NOT OCCUPY" placard to the Attendant's seat and also remove the "FOR FLIGHT ATTENDANT ONLY" placard to the assigned passenger seat.
- (4) Make an entry in the aircraft technical logbook to show that you did the reactivation procedure for the flight attendant seat.