



# AIRCRAFT MAINTENANCE MANUAL

## PILOT SEATS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

### 1. General

- A. This section gives the procedures to remove/install the pilot seats.
- B. The removal/installation procedures are the same for the pilot and copilot seats.
- 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
25-11-01-000-801-A	PILOT SEAT - REMOVAL	ALL
25-11-01-400-801-A	PILOT SEAT - INSTALLATION	ALL
25-11-01-040-801-A	PILOT SEAT - DEACTIVATION	ALL
25-11-01-440-801-A	PILOT SEAT - REACTIVATION	ALL



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TASK 25-11-01-000-801-A

EFFECTIVITY: ALL

2. PILOT SEAT - REMOVAL

A. General

- (1) This task gives the procedure to remove the pilot seats.

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

H. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Operate the height adjustment button (2) and lower it fully.
- (3) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - (a) SEAT ADJUST 1 (Location Tip: DC BUS 1/MISCELLANEOUS/SEAT ADJUST 1).
  - (b) SEAT ADJUST 2 (Location Tip: DC BUS 2/MISCELLANEOUS/SEAT ADJUST 2).

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

SUBTASK 020-002-A

- (1) Operate the horizontal lateral adjustment lever (14) up and adjust the seat.
- (2) Disconnect the connector (3) of the electrical actuator (5) for the seat height adjustment.
- (3) Remove the rear (15) and front (16) stops from the seat tracks (13).
- (4) Operate the horizontal/lateral adjustment lever (14) up and move the seat forward until the front portion (1) of its base goes out of the tracks (13).



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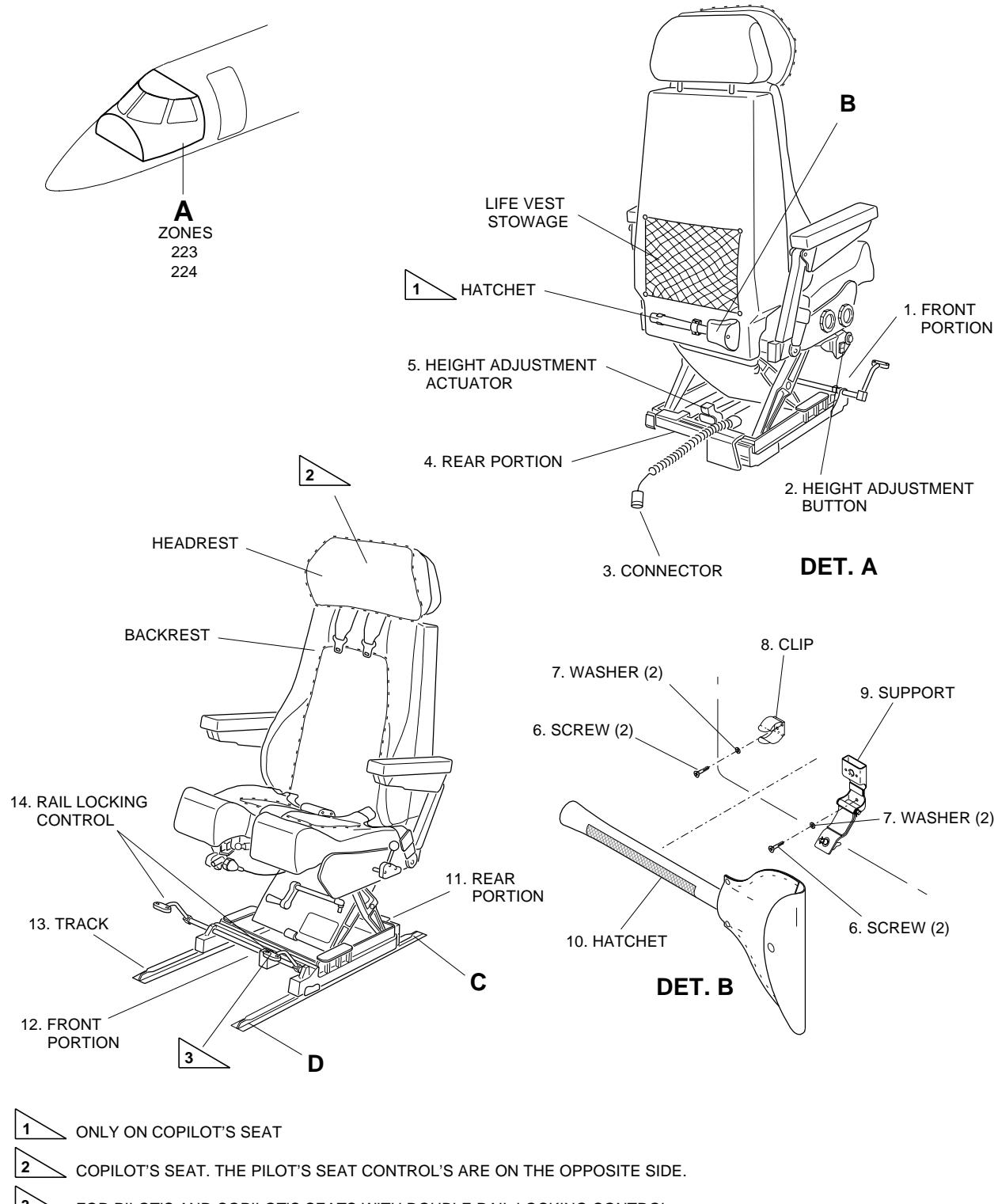
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- (5) Lift the front portion (1) of the seat base and move the seat afterward until the rear portion (4) of its base goes out of the tracks (13).
- (6) Lift the seat to remove it.
- (7) If necessary remove the hatchet and the brackets as follows:
  - (a) Loose the support (9) and remove the hatchet (10).
  - (b) Remove the screws (6) and the washers (7) that attach the clip (8) and support (9).
  - (c) Remove the clip (8) and support (9).

**EFFECTIVITY: ALL**

Pilot Seats - Removal/Installation

Figure 401 - Sheet 1

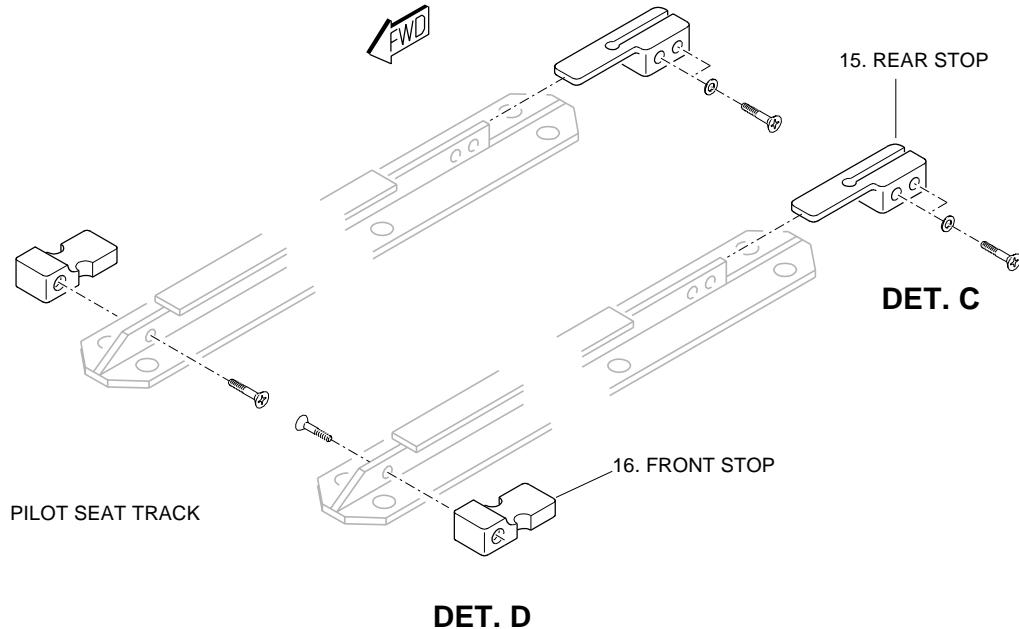
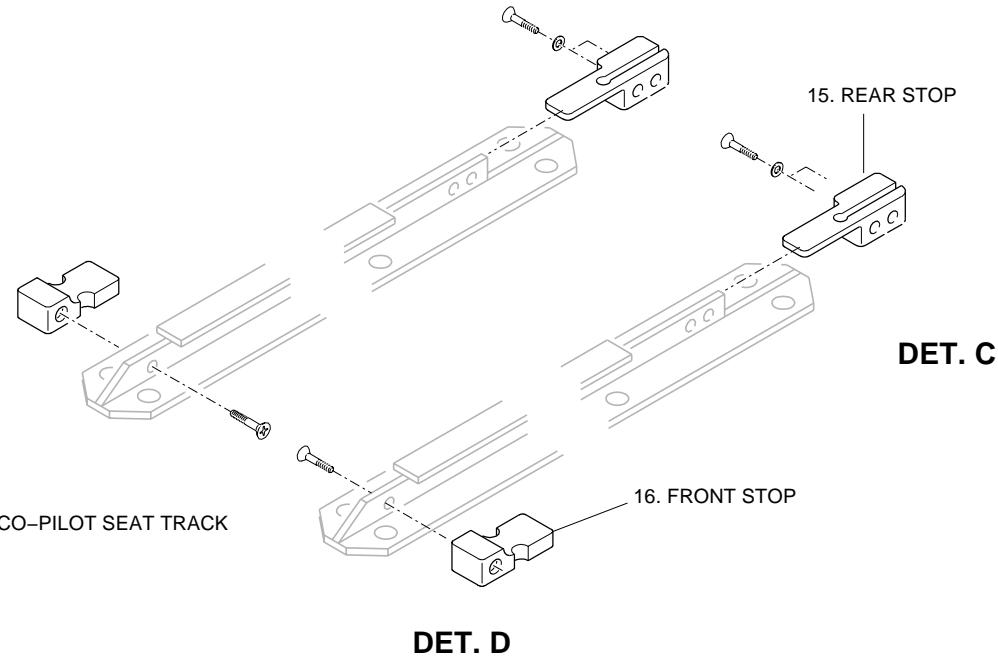


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**EFFECTIVITY: ALL**

Pilot Seats - Removal/Installation

Figure 401 - Sheet 2



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TASK 25-11-01-400-801-A

EFFECTIVITY: ALL

3. PILOT SEAT - INSTALLATION

A. General

- (1) This task gives the procedure to install the pilot seats.

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

H. Installation (Figure 401)

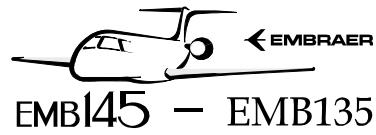
SUBTASK 420-002-A

- (1) Put the rear portion (4) of the seat base on the tracks (13). Then, move the seat forward until the front portion (1) of its base is fully attached onto the tracks (13).
- (2) Put the seat in position and install the rear (15) and front (16) stops to the track.
- (3) Connect the connector (3) of the electrical actuator (5) for the seat height adjustment.
- (4) Make sure that there is a hatchet on the copilot seat to be installed. Otherwise, install a hatchet to the seat as follows:
  - (a) Install the support (9) and the clip (8) and attach them with the washers (7) and the screws (6).
  - (b) Install the hatchet (10) on the brackets.

I. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - (a) SEAT ADJUST 1 (Location Tip: DC BUS 1/MISCELLANEOUS/SEAT ADJUST 1).



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- (b) SEAT ADJUST 2 (Location Tip: DC BUS 2/MISCELLANEOUS/SEAT ADJUST 2).



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TASK 25-11-01-040-801-A

EFFECTIVITY: ALL

4. PILOT SEAT - DEACTIVATION

A. General

- (1) This task gives the procedure to deactivate the pilot seats.
- (2) This task refers to item 25-11-01 - Flight Crew Seats - of the DDPM
- (3) The aircraft can be dispatched with the Vertical Power Seat Adjustment System of the Flight Crew Seats inoperative provided the System is deactivated and manual seat adjustment operates normally.
- (4) The aircraft can be dispatched with the Manual Vertical Seat Adjustment of the Flight Crew Seats inoperative provided:
  - (a) Seat(s) is (are) locked in a position that permits visibility for the pilots;
  - (b) Full flight control is available;
  - (c) Position of seat is acceptable for flight.

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

H. Deactivation

SUBTASK 841-003-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - (a) SEAT ADJUST 1 (Location Tip: DC BUS 1/MISCELLANEOUS/SEAT ADJUST 1).
  - (b) SEAT ADJUST 2 (Location Tip: DC BUS 2/MISCELLANEOUS/SEAT ADJUST 2).



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- (3) Attach an "INOP" placard to the affected seat control.
- (4) Make an entry in the aircraft technical logbook to show that you did the deactivation procedure for the flight crew seat.



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TASK 25-11-01-440-801-A

EFFECTIVITY: ALL

5. PILOT SEAT - REACTIVATION

A. General

- (1) This task gives the procedure to Reactivate the pilot seats.
- (2) This task refers to item 25-11-01 - Flight Crew Seats - of the DDPM

B. References

REFERENCE	DESIGNATION
AMM TASK 25-11-01-200-801-A/600	COCKPIT SEATS - DETAILED INSPECTION
FIM25-11-00-810-801-A	-
FIM25-11-00-810-802-A	-

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

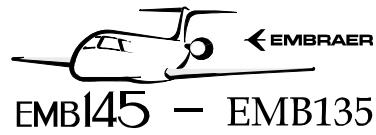
H. Persons Recommended

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

I. Reactivation

SUBTASK 841-004-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Do the troubleshooting and the applicable corrective maintenance procedure for the flight crew seats [AMM TASK 25-11-01-200-801-A/600](#),(FIM25-11-00-810-801-A), (FIM25-11-00-810-802-A).
- (3) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag to them:
  - (a) SEAT ADJUST 1 (Location Tip: DC BUS 1/MISCELLANEOUS/SEAT ADJUST 1).
  - (b) SEAT ADJUST 2 (Location Tip: DC BUS 2/MISCELLANEOUS/SEAT ADJUST 2).



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- (4) Remove an "INOP" placard to the affected seat control.
- (5) Make an entry in the aircraft technical logbook to show that you did the reactivation procedure for the flight crew seat.

