



## AIRCRAFT MAINTENANCE MANUAL

### PASSENGER SEATS - ADJUSTMENT/TEST

EFFECTIVITY: ACFT MODEL(S) EMB-135

#### 1. General

- A. This section gives the procedures to do the adjustment/test of the passenger seats.
- 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
25-21-01-800-802-A	PASSENGER SEAT BACK RECLINE - ADJUSTING	ACFT MODEL(S) EMB-135



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-21-01-800-802-A

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2. PASSENGER SEAT BACK RECLINE - ADJUSTING

A. General

- (1) This task gives the procedures to adjust the passenger seat back recline.
- (2) A mechanical actuator permits the seat back recline adjustment. The button for operation of the actuator is on the seat.

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 operational test	Passenger cabin

H. Adjusting ([Figure 501](#))

SUBTASK 820-011-C

**WARNING:** • FOR THE SEAT ROW IMMEDIATELY FORWARD OF THE OVERWING EMERGENCY EXIT DOOR (FIGURE 501), MAKE SURE THAT THE SEAT BACKS CAN NOT RECLINE INTO THE PATHWAY OF THE EMERGENCY EXIT DOOR.

• THE LAST ROW OF DOUBLE SEATS, ON THE RIGHT-HAND AFT PORTION, MUST BE RESTRICTED, SO THAT THE SEAT BACK DOES NOT COME IN CONTACT WITH THE OPTIONAL ATTENDANT SEAT.

- (1) Bring the seat back to the full upright position.
- (2) Remove the bottom cushion (5) from the seat to gain access to the hydraulic lock (3).
- (3) Locate the stop ring (1) on the hydraulic lock (3) and find the setscrew (2).

**WARNING:** • FOR PASSENGER SEATS LOCATED NEAR OF THE EMERGENCY EXIT, THE DISTANCE BETWEEN THEM MUST BE NOT LESS THAN 277.62 MM (10.93 IN) ON FULLY RECLINED POSITION.

• MAKE SURE THAT, WHEN THE PASSENGER SEATS INSTALLED NEAR THE EMERGENCY EXIT ARE IN THEIR FULLY RECLINED POSITION, THEY DO NOT BLOCK THE ACCESS TO OPEN THE HATCH.

(4) Loosen the setscrew (2) and rotate the stop ring (forward or aft) to obtain the amount of recline.

**NOTE:** • Make sure that the setscrew (2) is facing the flat spot on the hydraulic lock (3) before tightening. Refer DET. B, Figure 501.  
• The full upright position angle is 11 degrees.  
• The full recline position angle is 19 degrees, except as restricted by emergency exit or Aft flight attendant seat.

(5) Replace the bottom cushion (5).

(6) Test the recline feature by pressing the control button and applying pressure to the passenger seat back.

**NOTE:** The movement should be smooth with no binding.

(7) Push the recline control button and move the passenger seat (4) to the full upright position.

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Passenger Seats Back Recline

Figure 501

