



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

PILOT SEATS - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to clean the locking pins of the pilot and copilot seats.
- B. For this procedure, it is not necessary to remove the seats from their tracks.
- 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
25-11-01-100-801-A ♦	LOCKING PINS - CLEANING	ALL



AIRCRAFT
MAINTENANCE MANUAL

TASK 25-11-01-100-801-A

EFFECTIVITY: ALL

2. LOCKING PINS - CLEANING

A. General

- (1) This task gives the procedures to clean the locking pins of the pilot and copilot seats.

B. References

REFERENCE	DESIGNATION
AMM TASK 53-01-05-100-801-A/700	COCKPIT SEAT TRACKS - CLEANING

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Commercially available	Loctite 222	AR
MIL-PRF-23827	Aeroshell Grease 33	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

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

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) During the cleaning and lubrication procedures, cover the aircraft floor and the seat with a plastic or equivalent protection material.
- (3) Put the seat on rearward position (longitudinal movement) and lifted (vertical movement).

J. Cleaning of the Locking Pins of the Pilot and Copilot Seats ([Figure 701](#))

SUBTASK 140-002-A

- (1) Remove the pin (2) and bushing (3).

CAUTION: CAREFULLY TURN THE FORK ARM ON THE TUBE.

- (2) Loosen the screw (5) that attaches the fork arm (4) and carefully move the fork arm on the tube.
- (3) Remove the screw (1) and plate (6).
- (4) Remove the internal spacer (8), locking pin (9), and spring (7) from the seat lower structure.
- (5) Clean the internal spacer (8), locking pin (9), and spring (7).
- (6) Examine the locking pin (9), spring (7), and spacer (8) for damage.
- (7) With a small (fine) brush, lubricate the locking pin shank (upper portion) and spring (7) with Aeroshell grease 33.
- (8) Install the spring (7) on the locking pin (9).
- (9) Install the internal spacer (8) on the locking pin (9).
- (10) Install the equipped locking pin in the lower structure.
- (11) Install the plate (6) and screws (1).

NOTE: Apply Loctite 222 on the thread of the screw for safety.

- (12) Install the fork arm (4) on the tube and attach the screw (5).

NOTE: Apply Loctite 222 on the thread of the screw for safety.

- (13) Install the bushing (3) on the locking pin (9) and lock with the pin (2).

K. Follow-on

SUBTASK 842-002-A

- (1) Clean the area to remove the grease residues.
- (2) Clean the cockpit seat tracks ([AMM TASK 53-01-05-100-801-A/700](#)).
- (3) Do a test to make sure that the locking system operates correctly.
- (4) Move the seat back to its normal position.

EFFECTIVITY: ALL
Locking Pins - Cleaning
Figure 701

