



AIRCRAFT  
MAINTENANCE MANUAL

**STICK SHAKER - REMOVAL/INSTALLATION**

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the stick shaker.
- 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
27-36-03-000-801-A	STICK SHAKER - REMOVAL	ALL
27-36-03-400-801-A	STICK SHAKER - INSTALLATION	ALL



EMB145 - EMB135

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TASK 27-36-03-000-801-A

EFFECTIVITY: ALL

2. STICK SHAKER - REMOVAL

A. General

- (1) This task gives the procedures to remove the stick shaker.

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	Fuselage

H. Preparation

*SUBTASK 841-002-A*

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the circuit breaker panel, open the SPS CHANNEL 1/2, SHAKER 1/2, and PUSHER CLUTCH circuit breakers and attach a DOT-NOT-TAG to them.
- (3) On the right power control/distribution box, open the PUSHER MOTOR circuit breaker and attach a DO-NOT-TAG to it.

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

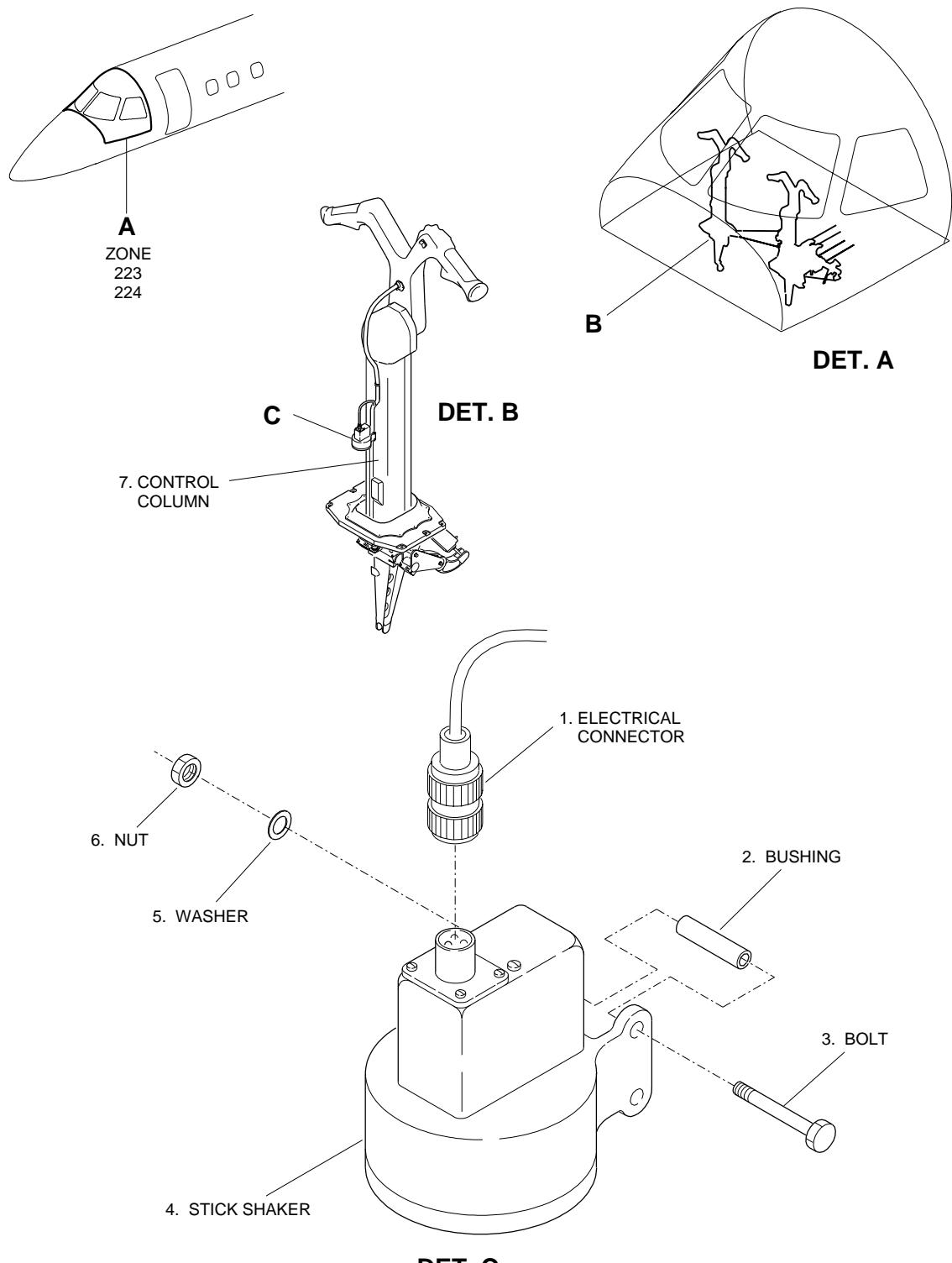
*SUBTASK 020-002-A*

- (1) Disconnect the electrical connector (1).
- (2) Remove the bolt (3), bushing (2), washer (5) and the nut (6) to loosen the stick shaker (4).
- (3) Remove the stick shaker (4).

**EFFECTIVITY: ALL**

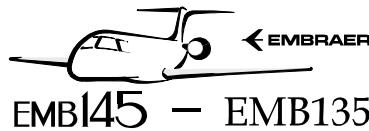
Stick Shaker - Removal/Installation

Figure 401



**DET. C**

145AMM270051.MCE B



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TASK 27-36-03-400-801-A

EFFECTIVITY: ALL

3. STICK SHAKER - INSTALLATION

A. General

- (1) This task gives the procedures to install the stick shaker.

B. References

REFERENCE	DESIGNATION
AMM TASK 27-36-00-700-801-A/500	STALL PROTECTION SYSTEM - OPERATIONAL CHECK

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	Fuselage

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the stick shaker (4) on the control column (7) and tighten the bolt (3) with the bushing (2), washer (5) and the nut (6).
- (2) Connect the electrical connector (1) on the stick shaker (4).

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the SPS CHANNEL 1/2, SHAKER 1/2, and PUSHER CLUTCH circuit breakers and remove the DO-NOT-CLOSE tag from them.
- (2) On the right power control/distribution box, close the PUSHER MOTOR circuit breaker and remove the DO-NOT-TAG from it.
- (3) Do an operational check of the stall protection system ([AMM TASK 27-36-00-700-801-A/500](#)).