



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

SPRING-TAB MASS ADJUSTMENT PLATES - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This procedure gives the instructions to remove and install the spring-tab mass adjustment plates.
- B. These procedures are applicable to the LH and RH spring tabs.
- 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
55-22-00-000-801-A	SPRING-TAB MASS ADJUSTMENT PLATES - REMOVAL	ACFT MODEL(S) EMB-145
55-22-00-400-801-A	SPRING-TAB MASS ADJUSTMENT PLATES - INSTALLATION	ACFT MODEL(S) EMB-145



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TASK 55-22-00-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. SPRING-TAB MASS ADJUSTMENT PLATES - REMOVAL

A. General

- (1) This task gives the instructions to remove the spring-tab mass adjustment plates.
- (2) Each spring tab has two mass adjustment plates: the inner and the outer mass adjustment plate.

B. References

REFERENCE	DESIGNATION
AMM TASK 27-31-08-000-801-A/400	SPRING TAB - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
335	-	LH Elevator
336	-	RH Elevator

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the work area

I. Preparation

SUBTASK 841-004-B

- (1) Put the workstand in the work area.
- (2) Remove the spring tab assembly (1) ([AMM TASK 27-31-08-000-801-A/400](#)).



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

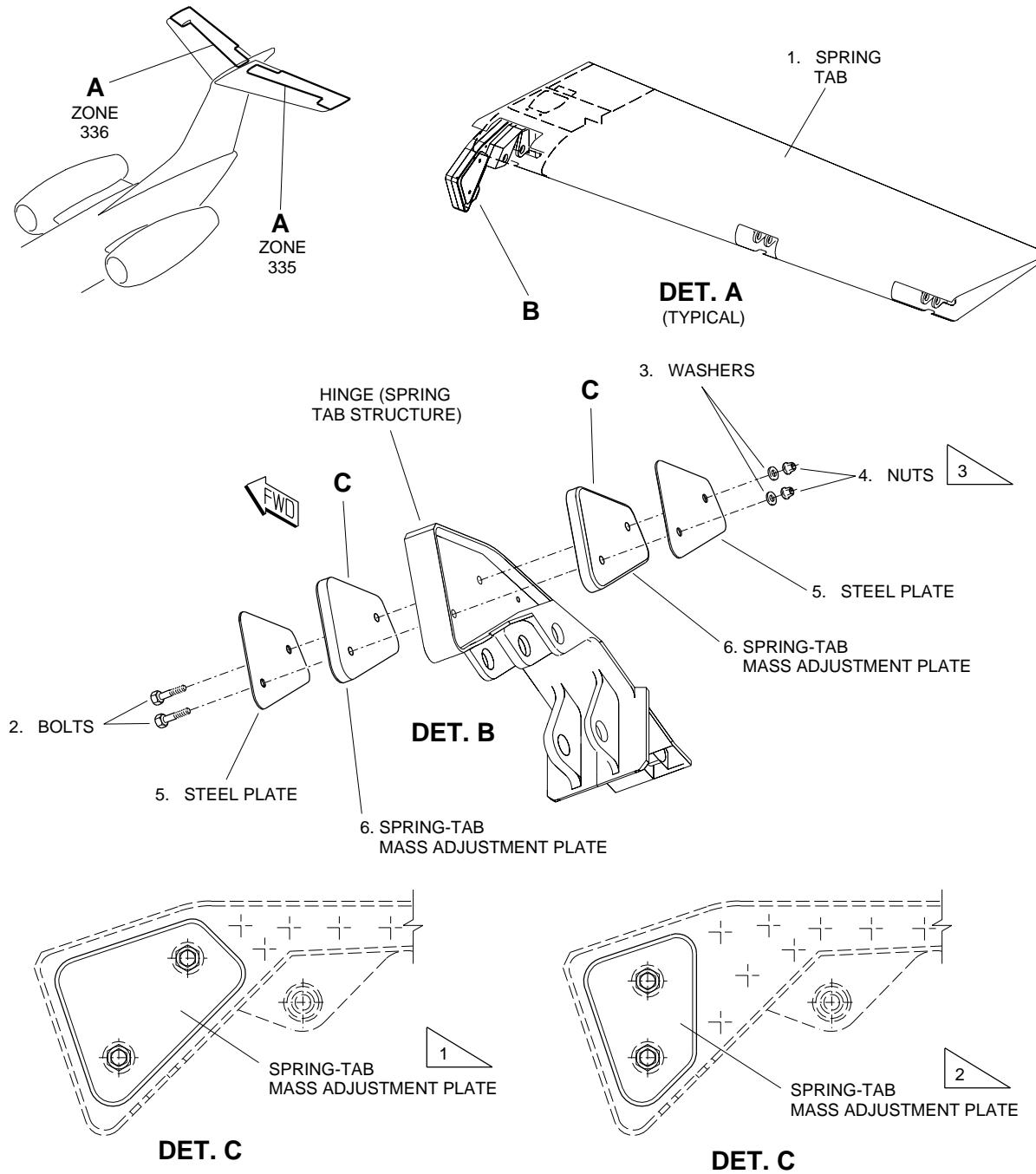
SUBTASK 020-004-B

- (1) Remove the bolts (2), washers (3), and nuts (4).
- (2) Remove the steel plates (5).
- (3) Remove the spring-tab mass adjustment plates (6).

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Spring-Tab Mass Adjustment Plates - Removal/Installation

Figure 401



1 APPLICABLE TO AIRCRAFT 145001 TO 145014

2 APPLICABLE TO AIRCRAFT 145015 AND ON

3 TORQUE: 2.82 TO 3.4 N.m (25 TO 30 lb.in)

145AMM550025.MCE B



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TASK 55-22-00-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. SPRING-TAB MASS ADJUSTMENT PLATES - INSTALLATION

A. General

- (1) This task gives the instructions to install the spring-tab mass adjustment plates.

B. References

REFERENCE	DESIGNATION
AMM TASK 27-31-08-400-801-A/400	SPRING TAB - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
335	-	LH Elevator
336	-	RH Elevator

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the attachment nuts	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the work area

I. Installation (Figure 401)

SUBTASK 420-004-B

- (1) Install the spring-tab mass adjustment plates (6).
- (2) Install the steel plates (5).
- (3) Install the bolts (2), washers (3), and nuts (4).



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- (4) Torque the nuts (4).

J. Follow-on

SUBTASK 842-004-B

- (1) Install the spring tab assembly (1) ([AMM TASK 27-31-08-400-801-A/400](#)).
- (2) Remove the workstand from the work area.