

EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

SPRING-TAB MASS ADJUSTMENT PLATES - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

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-135 |
| 55-22-00-400-801-A | SPRING-TAB MASS ADJUSTMENT PLATES - INSTALLATION | ACFT MODEL(S) EMB-135 |



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

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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 841-005-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](#))

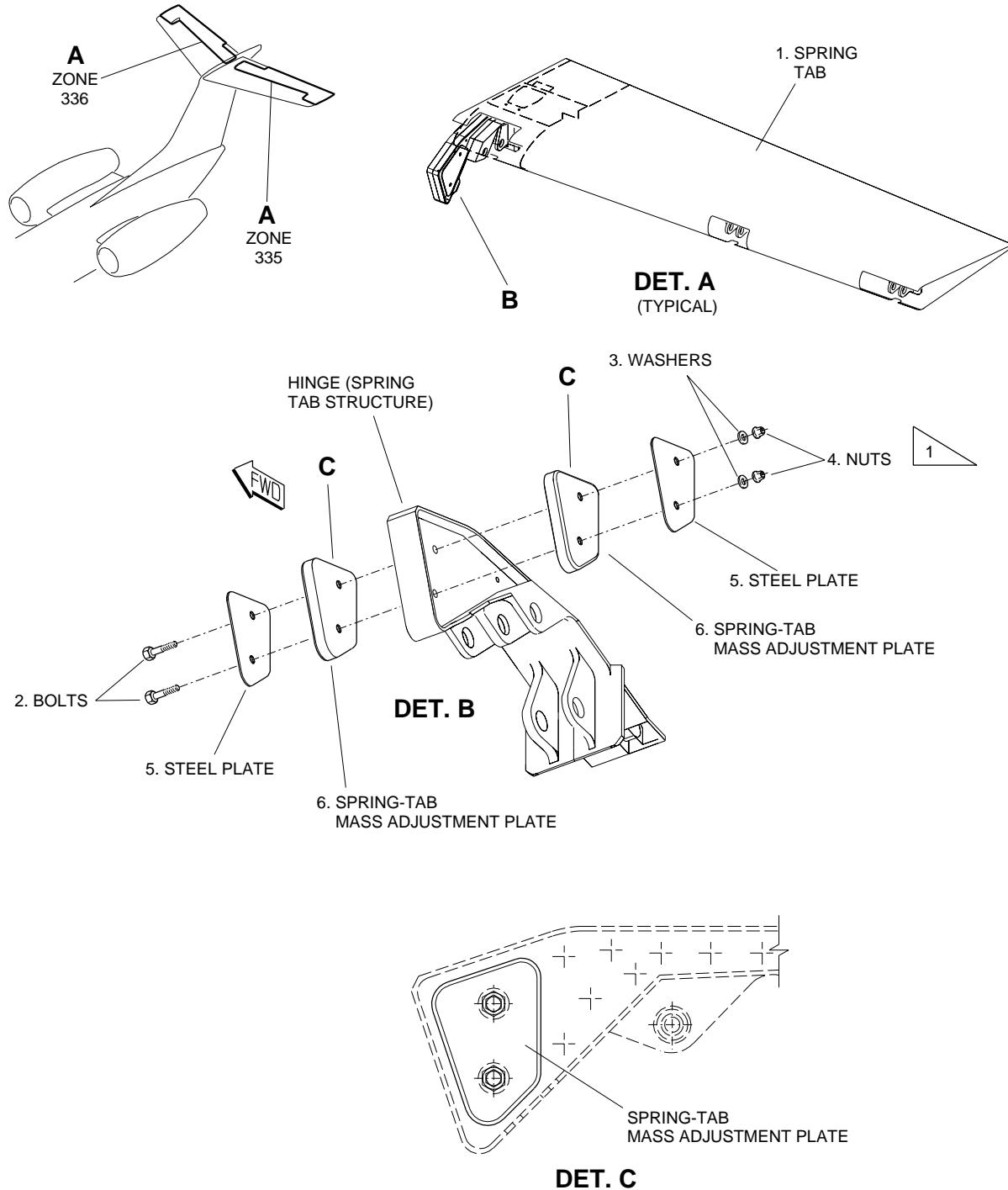
SUBTASK 020-005-B

- (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



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

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

EFFECTIVITY: ACFT MODEL(S) EMB-135

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 420-005-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 842-005-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.