



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

**HORIZONTAL STABILIZER TO VERTICAL STABILIZER ATTACHMENT - EXTERNAL - INSPECTION/
CHECK**

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the horizontal stabilizer to vertical stabilizer attachment for general condition.
- B. Related Zone: 337.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 27440.8 thru STA X = 28236.3.
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 23900.7 thru STA X = 24696.2.
- D. 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
05-20-64-200-801-A	HORIZONTAL STABILIZER TO VERTICAL STABILIZER ATTACHMENT - EXTERNAL GENERAL VISUAL INSPECTION	ALL



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TASK 05-20-64-200-801-A

EFFECTIVITY: ALL

2. HORIZONTAL STABILIZER TO VERTICAL STABILIZER ATTACHMENT - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) You must do the external general visual inspection (GVI) of horizontal stabilizer, at zone 337, within a touching distance of the items examined.
- (2) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
AMM TASK 12-22-00-600-801-A/300	LIGHT DIRT - SERVICING
AMM TASK 12-22-00-600-802-A/300	HEAVY DIRT - SERVICING

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection area	

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	Horizontal stabilizer

I. Preparation ([Figure 601](#))

SUBTASK 841-002-A

**WARNING: MAKE SURE THAT THE ELEVATOR IS NOT OPERATED ACCIDENTALLY.
AN ACCIDENTAL OPERATION OF THE ELEVATOR CAN CAUSE INJURY
TO PERSONS.**

- (1) Put the ladder in position.
- (2) If necessary, clean the inspection area ([AMM TASK 12-22-00-600-801-A/300](#)) or ([AMM TASK 12-22-00-600-802-A/300](#)) as applicable.



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J. Internal General Visual Inspection ([Figure 601](#))

SUBTASK 212-002-A

- (1) Examine the zone for loose rivets, nicks, cracks, dents, skin deformation, sealant poor condition, erosion, corrosion, painting bad condition, and deteriorated protective treatment ([Figure 601](#)).

K. Follow-on

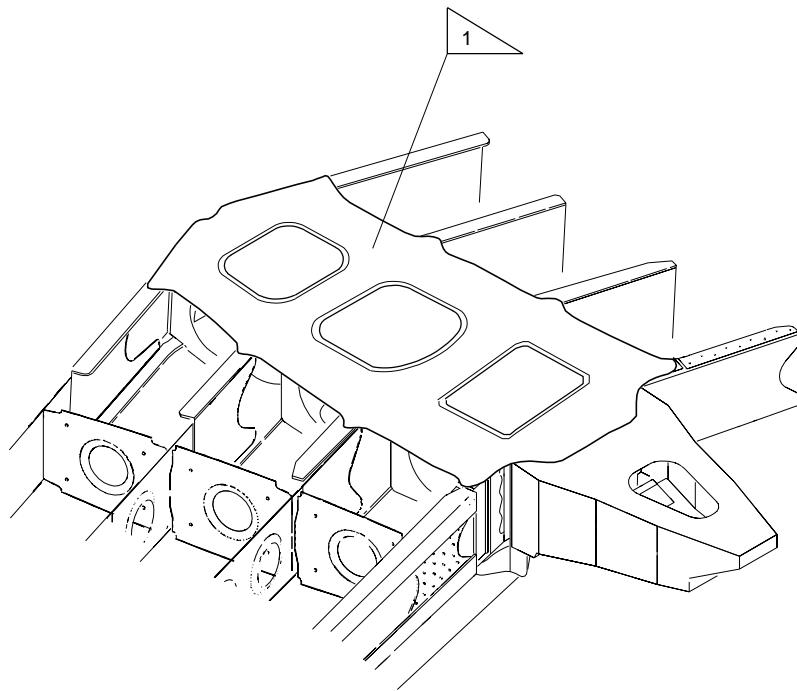
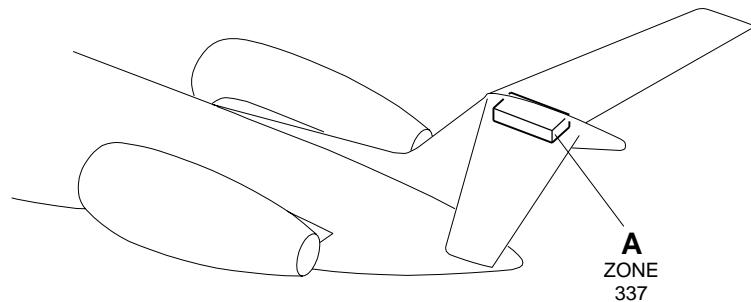
SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

Horizontal Stabilizer to Vertical Stabilizer Attachment - External General Visual Inspection

Figure 601



EXTERNAL VISUAL INSPECTION OF THE HORIZONTAL STABILIZER TO
VERTICAL STABILIZER ATTACHMENT FOR GENERAL CONDITIONS.

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