

HORIZONTAL STABILIZER - EXTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the horizontal stabilizer for general condition.
- B. Related Zones: 331/332/333/334.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 27440.8 thru STA X = 29108.4 (SPAR I thru SPAR II).
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 23900.7 thru STA X = 25568.6 (SPAR I thru SPAR II).
- 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
05-20-52-200-801-A ♦	HORIZONTAL STABILIZER - EXTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-20-52-200-801-A

EFFECTIVITY: ALL

2. HORIZONTAL STABILIZER - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 55-Z333-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of horizontal stabilizer, at zones 331/332/333/334, within a touching distance of the items examined.
- (3) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

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

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	Horizontal stabilizer

H. Preparation

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.

I. External General Visual Inspection (Figure 601)

SUBTASK 213-002-A

- (1) Examine the horizontal stabilizer zone for loose rivets, nicks, cracks, dents, skin deformation, sealant condition, erosion, corrosion, deteriorated protective treatment, and bonding jumper condition (Figure 601).
- (2) Examine the horizontal stabilizer leading edge LH and RH for integrity.

J. Follow-on

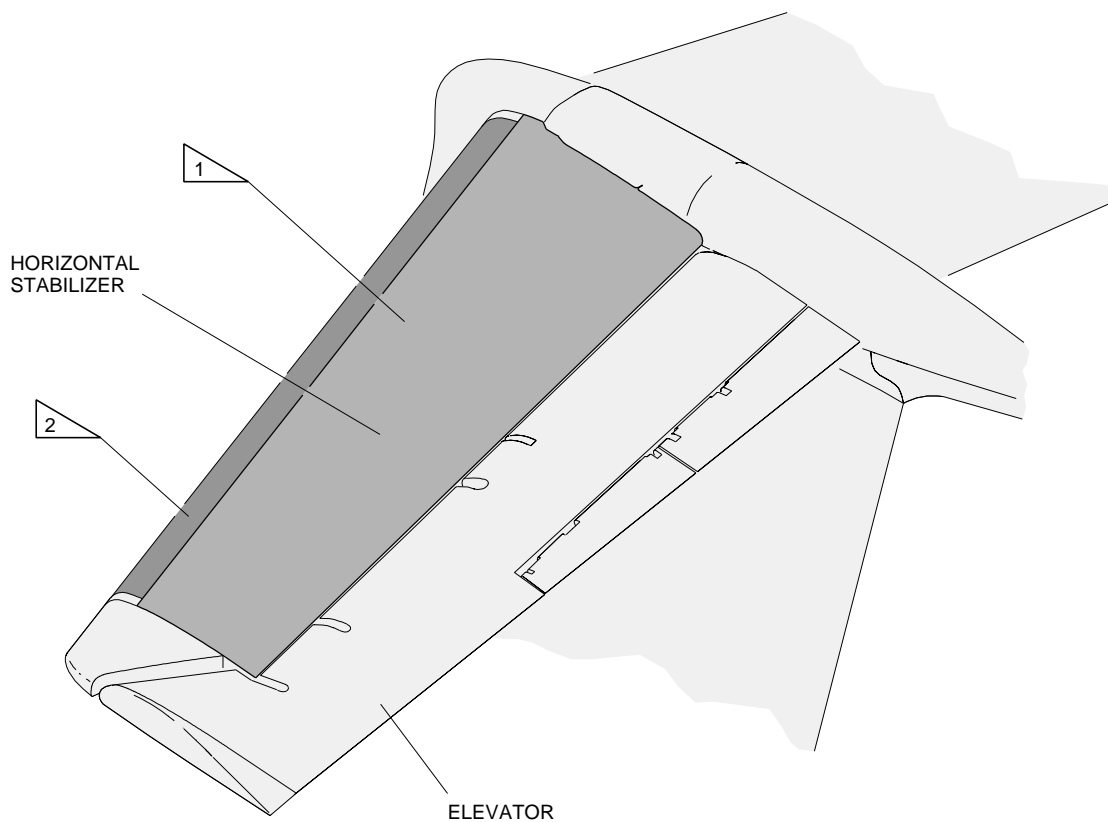
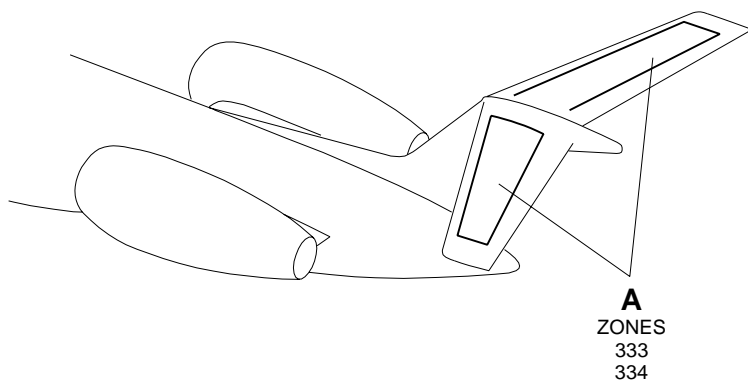
SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

Horizontal Stabilizer - External General Visual Inspection

Figure 601



DET. A

2 EXTERNAL VISUAL INSPECTION OF THE HORIZONTAL STABILIZER LEADING EDGE.

1 EXTERNAL VISUAL INSPECTION OF THE HORIZONTAL STABILIZER.

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