

**CENTER FUSELAGE II - PASSENGER CABIN TOP - EXTERNAL - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage II - passenger cabin top for general condition.
- B. Related Zones: 243/244.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 7131.0 thru STA X = 11990.0.  
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 7131.0 thru STA X = 9984.0.
- 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
05-20-99-200-801-A ♦	CENTER FUSELAGE II - PASSENGER CABIN TOP - EXTERNAL GENERAL VISU- AL INSPECTION	ALL

TASK 05-20-99-200-801-A

EFFECTIVITY: ALL

## 2. CENTER FUSELAGE II - PASSENGER CABIN TOP - EXTERNAL GENERAL VISUAL INSPECTION

### A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z243-213-003-A00.
- (2) You must do the external general visual inspection (GVI) of center fuselage II, at zones 243/244, 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. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 12-22-00-600-801-A/300</a>	LIGHT DIRT - SERVICING
<a href="#">AMM TASK 12-22-00-600-802-A/300</a>	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	Center fuselage II - passenger cabin top

### I. Preparation

#### **SUBTASK 841-002-A**

- (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.

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

*SUBTASK 212-002-A*

- (1) Examine the fuselage zone for loose rivets, nicks, cracks, dents, erosion, corrosion, painting bad condition, skin deformation, sealant poor condition, scratches, gouges, creases, and deteriorated protective treatment.
- (2) Examine the fuselage skin panel at stringers and frames/bulkheads, and splices for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment ([Figure 601](#)).
- (3) Examine the fuselage skin longitudinal and circumferential splices for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment ([Figure 601](#)).
- (4) NOTE: Some aircraft can have TDR MODE-S TOP and LSS (Optional) installed at zones 243/244.

Examine the VHF1 antenna, for loose screws and washers, nicks, cracks, dents, scratches, gouges, erosion, corrosion, flaking paint and aerodynamic sealing condition ([Figure 601](#)).

K. Follow-on

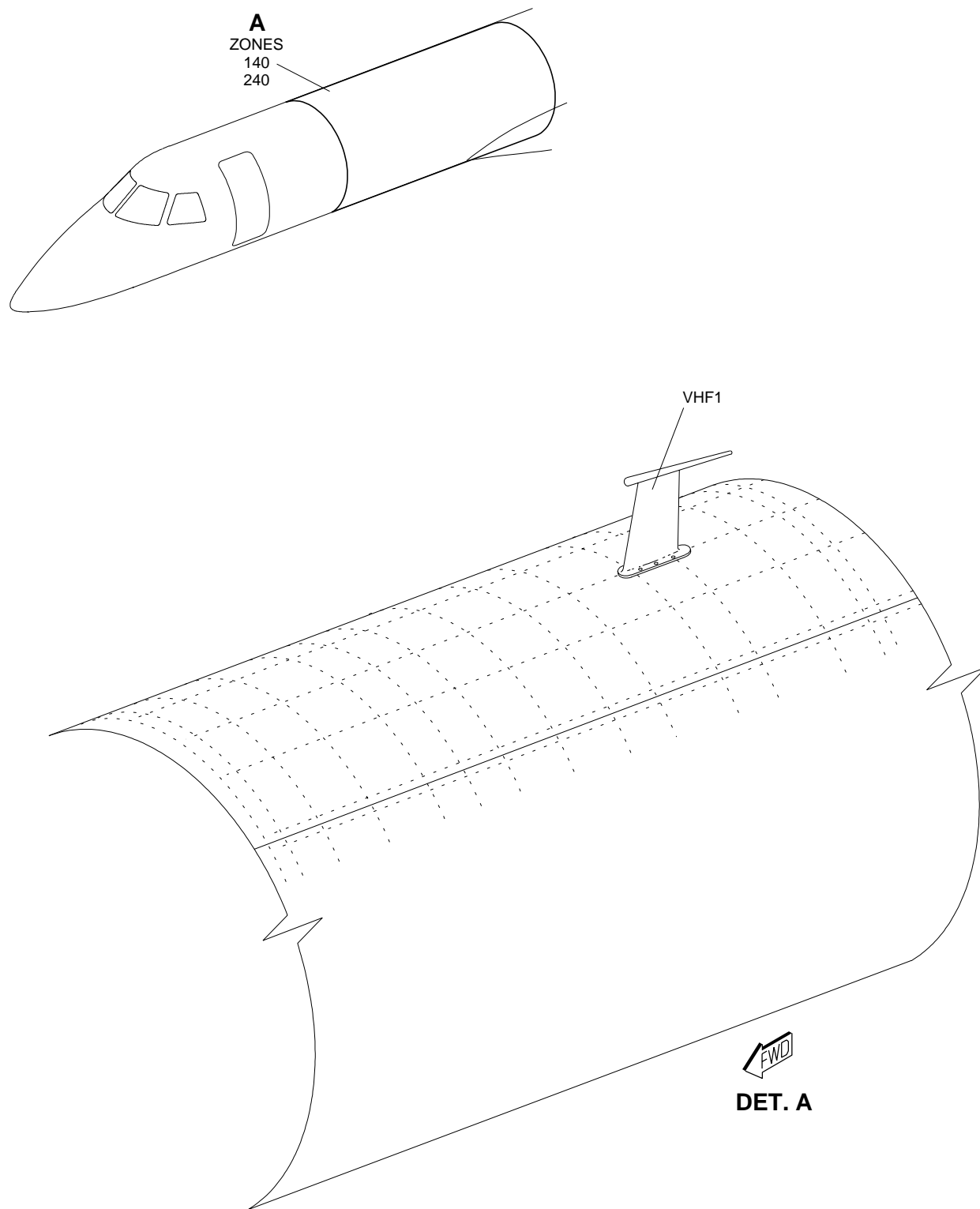
*SUBTASK 842-002-A*

- (1) Remove the ladder.

EFFECTIVITY: ALL

Center Fuselage II - Passenger Cabin Top - External General Visual Inspection

Figure 601



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