



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

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



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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
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	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.



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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

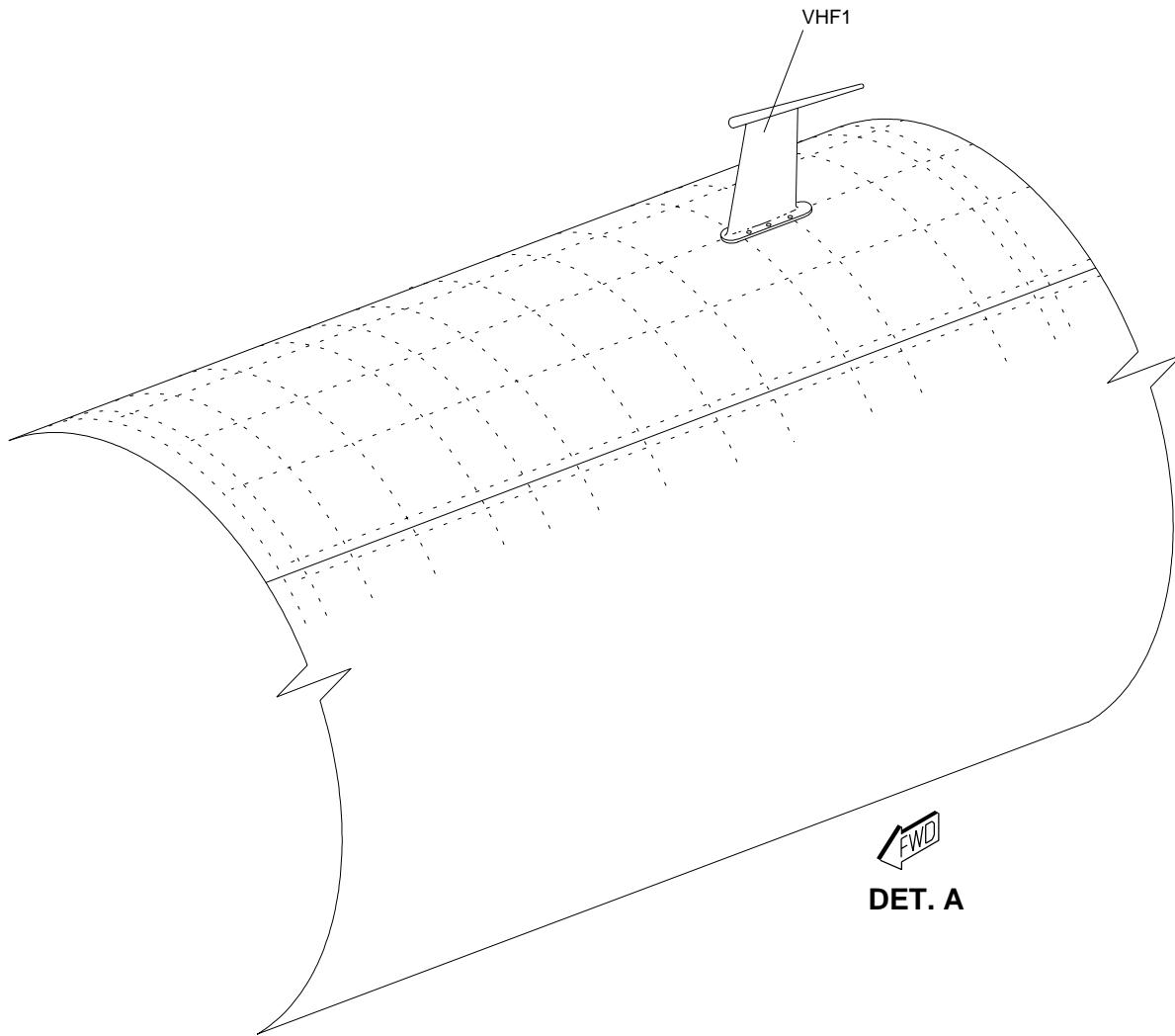
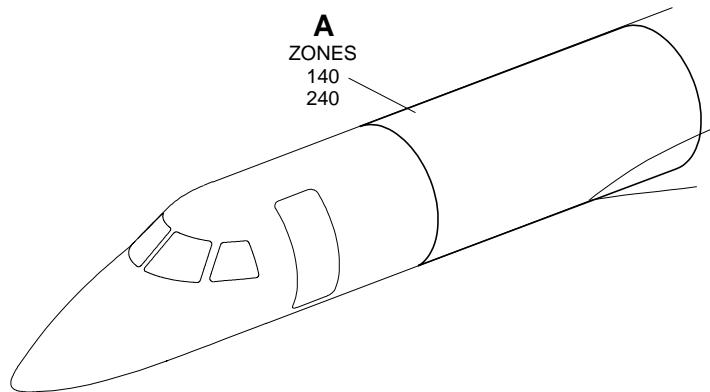
SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

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

Figure 601



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