

EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

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

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage II - passenger cabin bottom for general condition.
- B. Related Zones: 141/142.
- 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.  
(Applicable to EMB-135 (Recessed Floor) 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
05-20-21-200-801-A ♦	CENTER FUSELAGE II - PASSENGER CABIN BOTTOM - EXTERNAL GENERAL VISUAL INSPECTION	ALL



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 05-20-21-200-801-A

EFFECTIVITY: ALL

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

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z141-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of center fuselage II, at zones 141/142, 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
AMM TASK 12-23-00-600-801-A/300	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection area	
Standard	Screwdriver	To open the access panels 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 bottom

I. Preparation

**SUBTASK 841-002-A**

- (1) Put the ladder in position.



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (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](#)) ([Figure 602](#)) ([Figure 603](#))

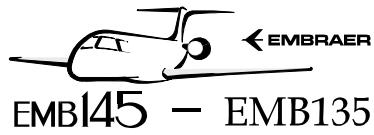
SUBTASK 212-002-A

- (1) Examine the fuselage zone for painting bad condition, loose rivets, nicks, skin deformation, sealant condition, warps, scratches, gouges, creases, cracks, dents, erosion, corrosion, and deteriorated protective treatment.
- (2) Examine the fuselage skin panel at stringers and frames/bulkheads, and splices for loose rivets, nicks, cracks, dents, warps, erosion, corrosion, and deteriorated protective treatment ([Figure 603](#)).
- (3) Examine the fuselage skin longitudinal and circumferential splices for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment ([Figure 603](#)).
- (4) Examine the antennas for general condition and aerodynamic sealing.
- (5) NOTE: The access panels and doors referred to in step (5) will be examined externally only.

Examine the access panels and doors below ([Figure 601](#)) and ([Figure 602](#)) for general condition and loose/missing screws:

- 191CL
- 191HL
- 191KL
- 191ML
- 191EL
- 191GL
- 191AR
- 191BR
- 191DR
- 191JR
- 191LR
- 191NR
- 191FR

- (6) Examine drains for signs of corrosion. Also do a check for blockage and correct operation ([AMM TASK 12-23-00-600-801-A/300](#)).



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K. Follow-on

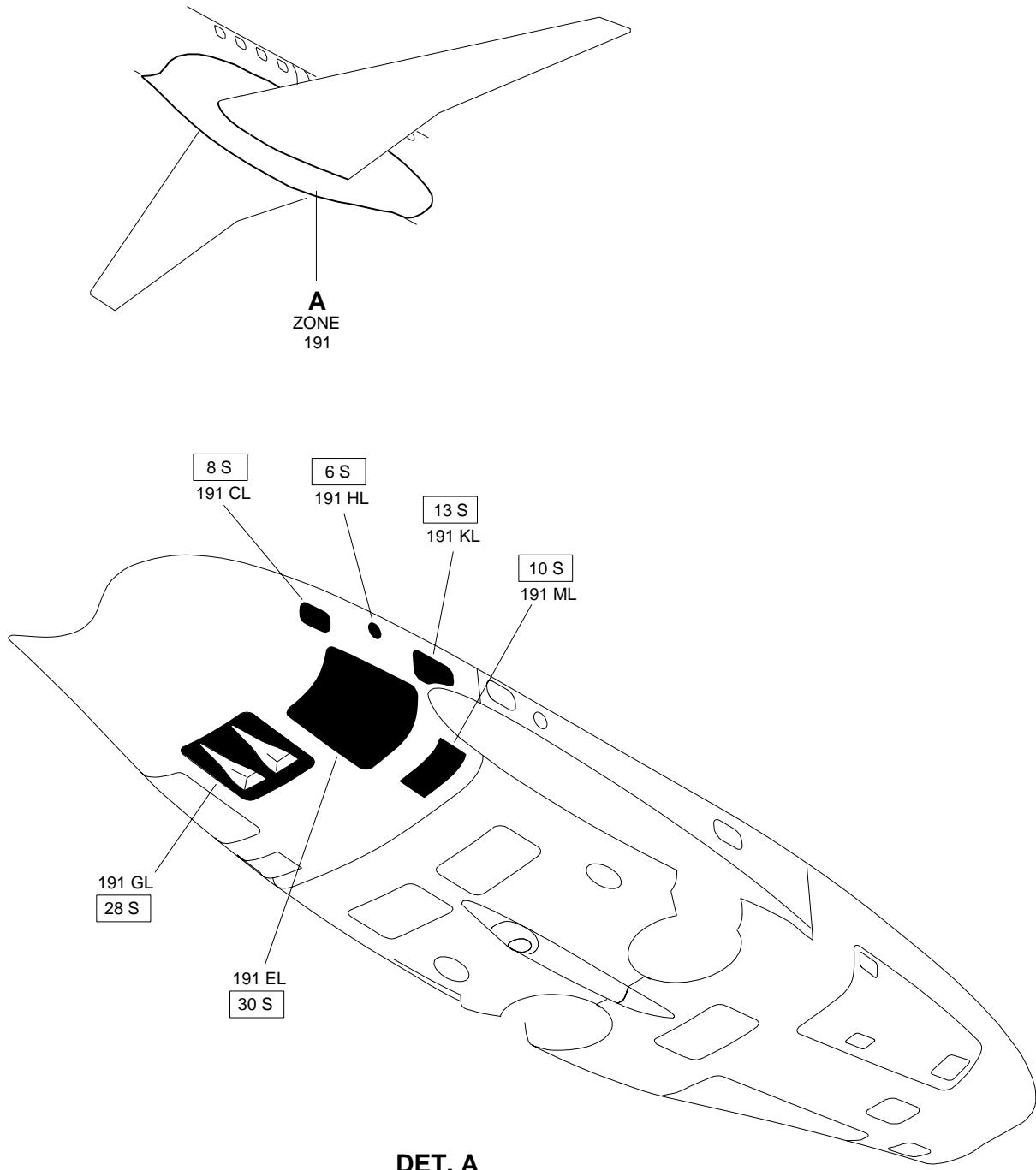
SUBTASK 842-002-A

- (1) Remove the ladder.

**EFFECTIVITY: ALL**

Center Fuselage II - Passenger Cabin Bottom - Access Panels and Doors

Figure 601

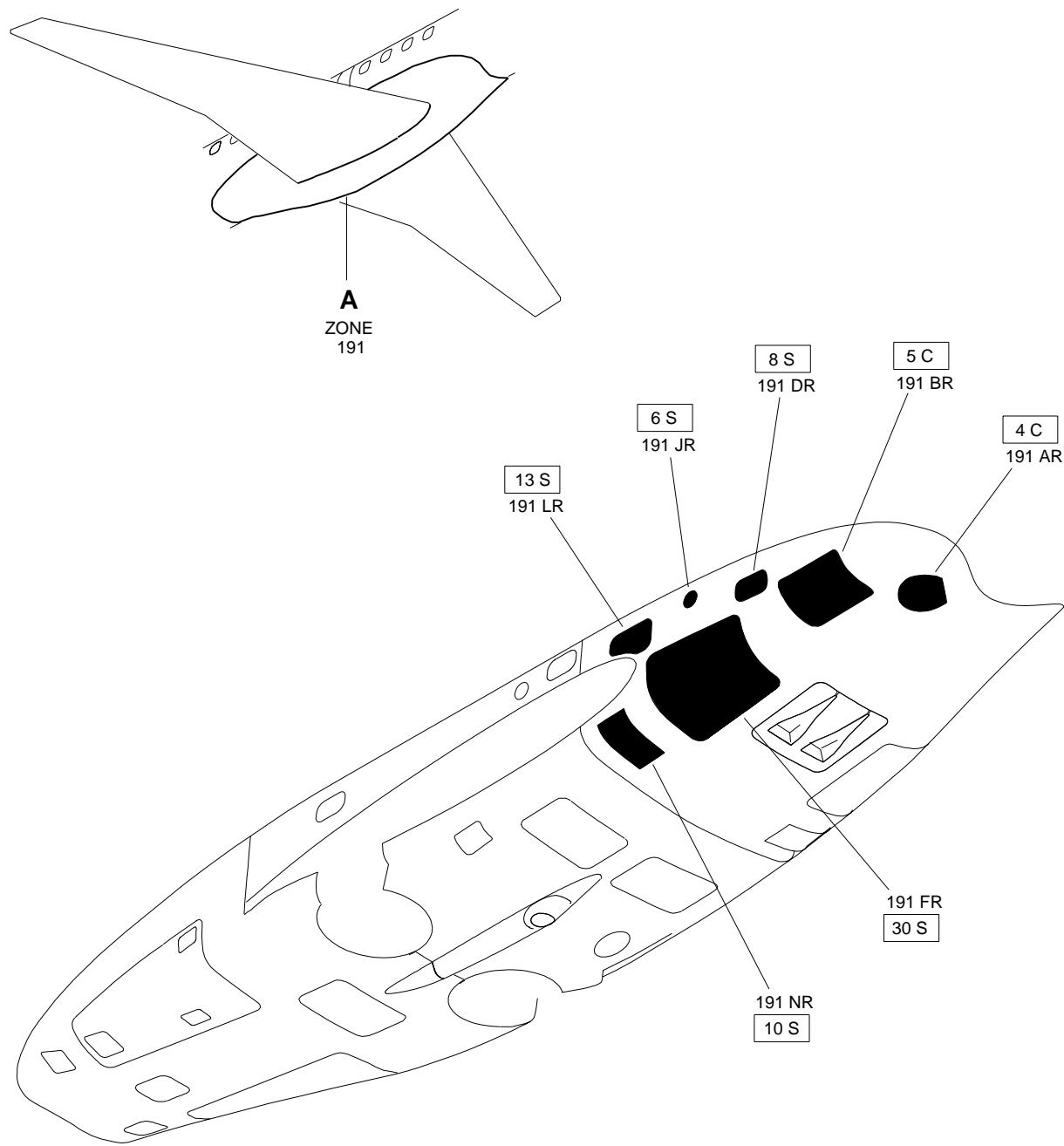


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**EFFECTIVITY: ALL**

Center Fuselage II - Passenger Cabin Bottom - Access Panels and Doors

Figure 602



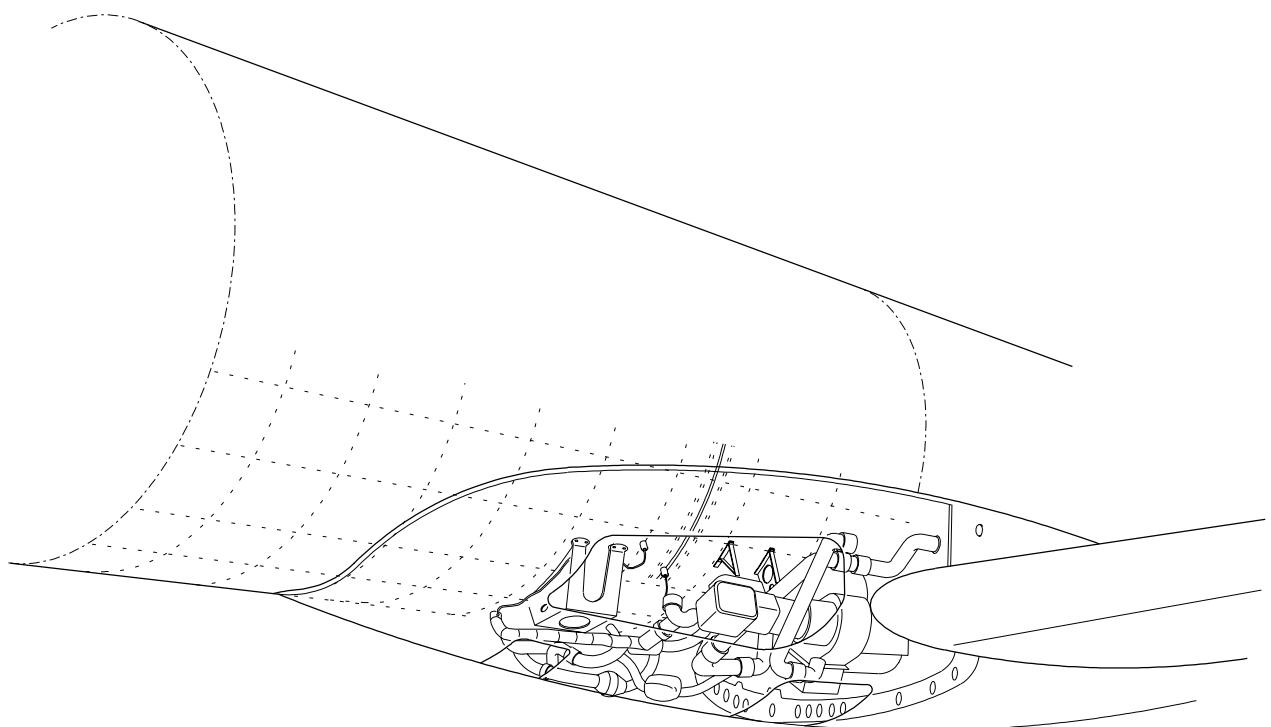
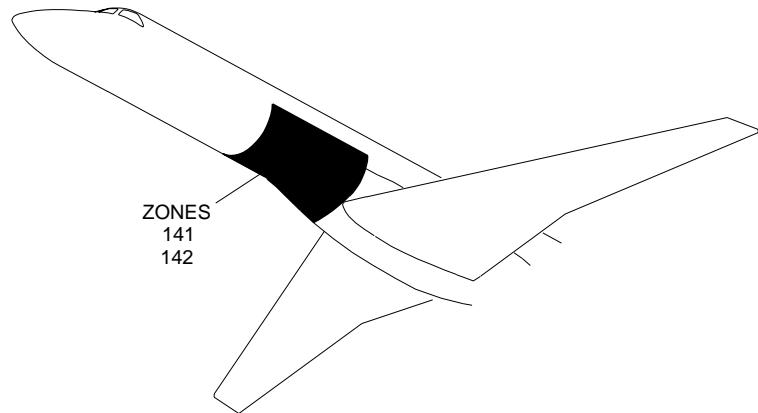
**DET. A**

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*EFFECTIVITY: ALL*

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

Figure 603



145AMM050071.MCE B

