

**CENTER FUSELAGE III - PASSENGER CABIN TOP - INTERNAL - INSPECTION/CHECK***EFFECTIVITY: ACFT MODEL(S) EMB-145*1. General

- A. This section gives the procedures to do the visual inspection of center fuselage III - passenger cabin top for general condition.
- B. Related Zones: 253/254.
- C. (Applicable to EMB-145 ( ) models) Zone Boundaries: STA X = 11990.0 thru STA X = 17727.0.  
(Applicable to EMB-135 ( ) models) Zone Boundaries: STA X = 9984.0 thru STA X = 15721.0.
- 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
05-20-32-200-801-A ♦	CENTER FUSELAGE III - PASSENGER CABIN TOP - INTERNAL GENERAL VISUAL INSPECTION	ACFT MODEL(S) EMB-145

TASK 05-20-32-200-801-A

*EFFECTIVITY: ACFT MODEL(S) EMB-145*

## 2. CENTER FUSELAGE III - PASSENGER CABIN TOP - INTERNAL GENERAL VISUAL INSPECTION

### A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z253-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage III, at zones 253/254, within a touching distance from the items examined.
- (3) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

### B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 25-22-04-000-801-A/400	-
AMM TASK 25-22-04-000-802-A/400	-
AMM TASK 25-22-04-400-801-A/400	-
AMM TASK 25-22-04-400-802-A/400	-
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-000-802-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
AMM TASK 25-81-01-400-802-A/400	-

### C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
253	253ALC	Passenger ceiling panel
253	253BLC	Passenger ceiling panel
253	253CLC	Passenger ceiling panel
253	253DLC	Passenger ceiling panel
253	253ELC	Passenger ceiling panel
263	263ALC	Passenger ceiling panel

### D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
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 III - passenger cabin top

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

*SUBTASK 841-004-B*

- (1) Use table 601 to remove the passenger-cabin headliners as applicable from your aircraft (AMM TASK 25-22-04-000-801-A/400) or (AMM TASK 25-22-04-000-802-A/400) ([Figure 601](#)).

Table 601 - PASSENGER CABIN HEADLINERS

AIRCRAFT MODELS	HEADLINERS
EMB-145 ( )	253ALC, 253BLC, 253CLC, 253DLC, 253ELC and 263ALC
EMB-135 ( )	253ELC, 253DLC, 253ALC, 253BLC and 253CLC

- (2) Remove the thermoacoustic insulation from center fuselage II to zones 253/254 (AMM TASK 25-81-01-000-801-A/400) or (AMM TASK 25-81-01-000-802-A/400) as applicable.

J. Internal General Visual Inspection ([Figure 602](#))

*SUBTASK 212-004-B*

- (1) Examine the interior of the zone for loose rivets, skin deformation, sealant poor condition, nicks, cracks, dents, erosion, corrosion, deteriorated protective treatment, and foreign objects ([Figure 602](#)).
- (2) Examine the splices, circumferential splices, stringers, and frames/bulkheads for loose rivets, cracks, skin deformation, corrosion, and deteriorated protective treatment ([Figure 602](#)).
- (3) Examine the interior of the zone for failure ( e.g., dirty, bent, disconnected, cracked, or crushed duct ) and signs of overheating caused by leakage at the connection of the tubing.

K. Follow-on

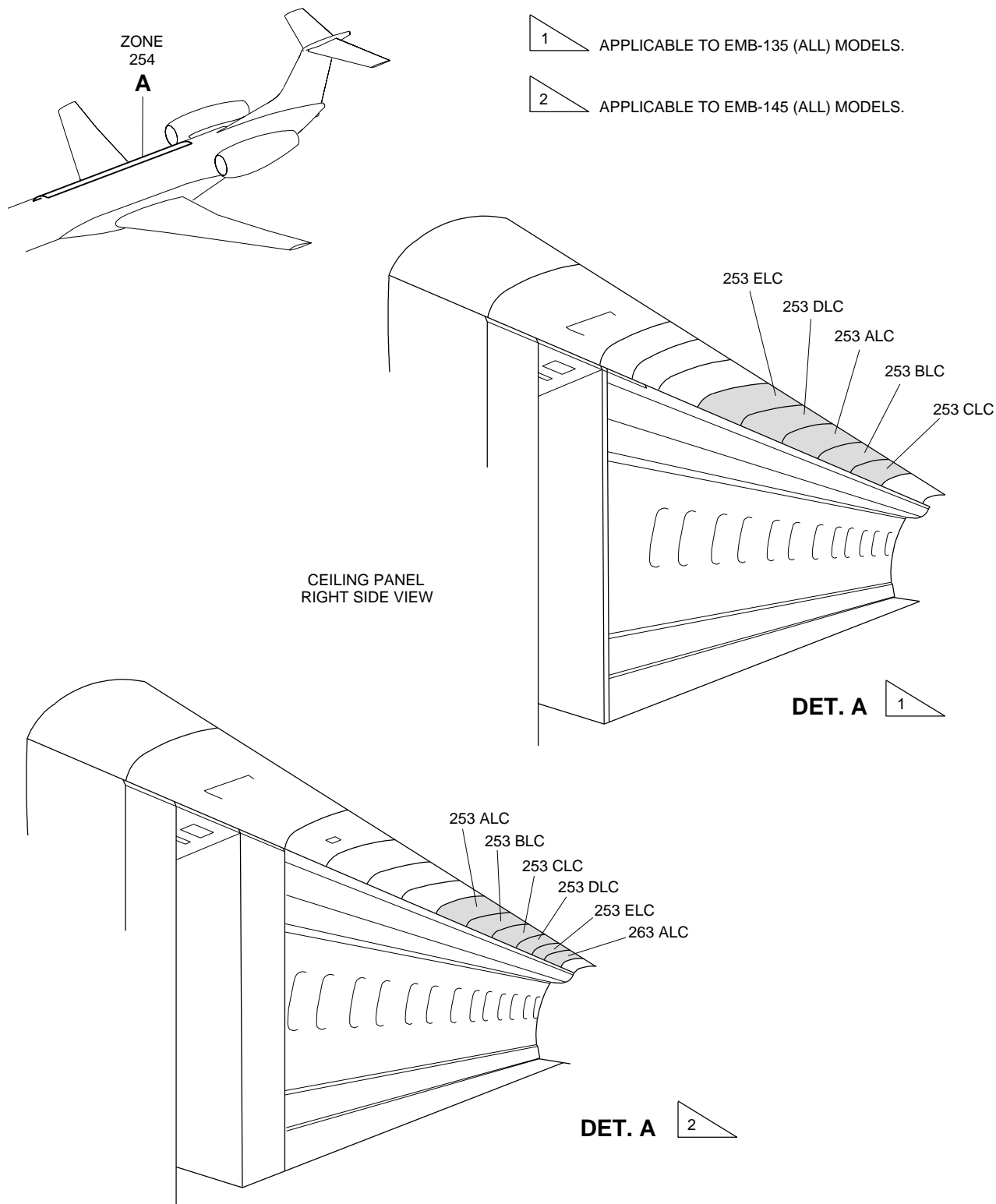
*SUBTASK 842-004-B*

- (1) Install the thermoacoustic insulation to zones 253/254 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (2) Use table 601 to install passenger-cabin headliners as applicable to your aircraft (AMM TASK 25-22-04-400-801-A/400) or (AMM TASK 25-22-04-400-802-A/400).

EFFECTIVITY: ACFT MODEL(S) EMB-145

Passenger Cabin Internal Panels

Figure 601

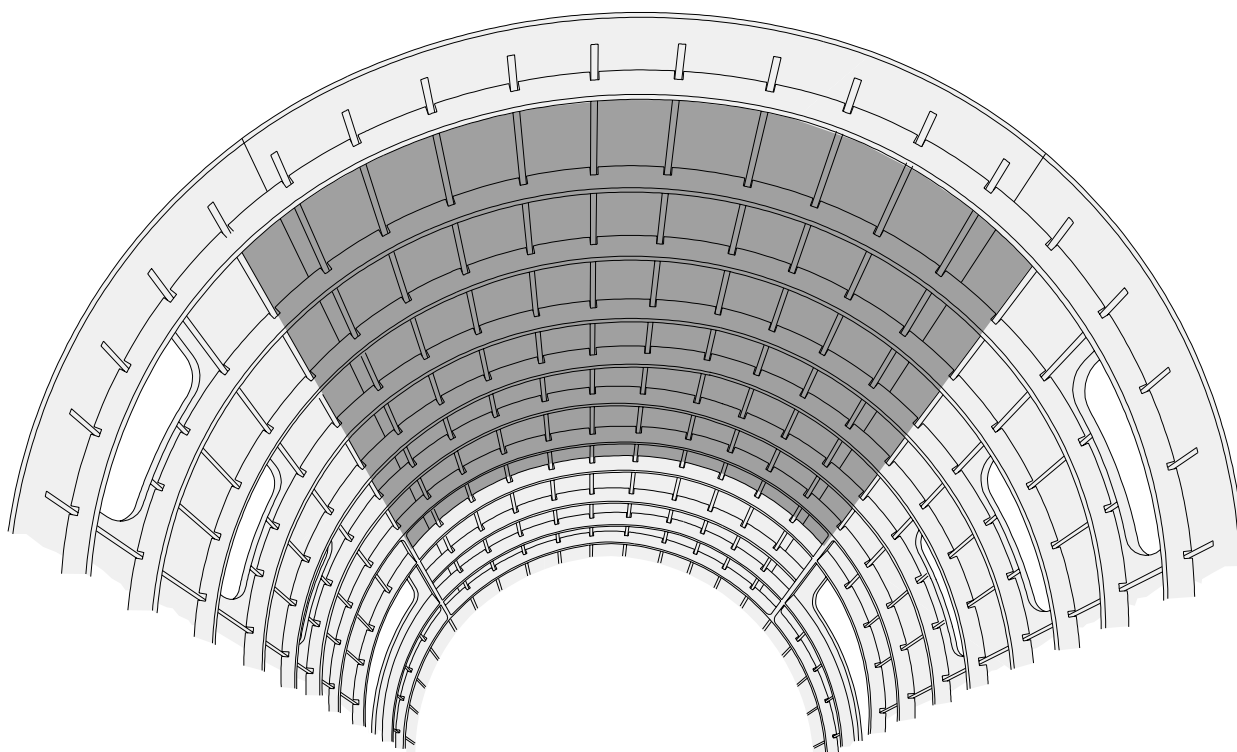
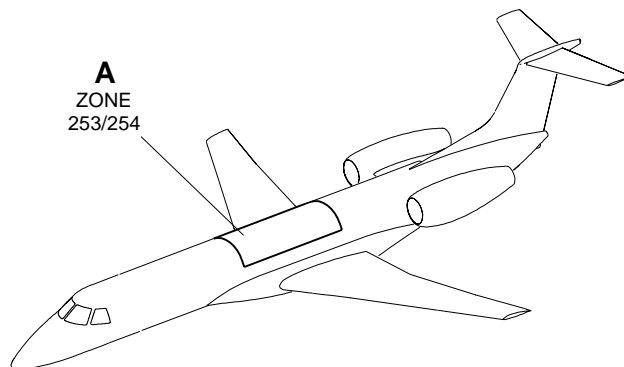


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EFFECTIVITY: ACFT MODEL(S) EMB-145

Center Fuselage III - Passenger Cabin Top - Internal General Visual Inspection

Figure 602



DET. A

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