

**CENTER FUSELAGE IV - PASSENGER CABIN TOP - INTERNAL - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage IV - passenger cabin top for general condition.
- B. Related Zones: 263/264.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 17727.0 thru STA X = 20793.0  
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 15721.0 thru STA X = 17253.0.
- 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
05-20-97-200-801-A ♦	CENTER FUSELAGE IV - PASSENGER CABIN TOP - INTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-20-97-200-801-A

*EFFECTIVITY: ALL*

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

### A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives instructions to do SMRD Zonal Task 53-Z263-214-001-A00.
- (3) You must do the internal general visual inspection (GVI) of center fuselage IV, at zones 263/264, within a touching distance of the items examined.
- (4) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (5) Apart from any specific targets defined in the Zonal Inspection task, a General Visual Inspection (GVI) must be conducted of the entire zone specified and includes all installations, components and structures. Refer to AMM Introduction for zonal inspection criteria.

### B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 12-23-00-600-801-A/300	-
AMM TASK 25-22-04-000-801-A/400	-
AMM TASK 25-22-04-000-802-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	-
WM 20-22-00	-

### C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
263	263ALC	Passenger cabin panel
263	263BLC	Passenger cabin 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	
Standard	Flashlight	To make the inspection of the area easier	

### 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 IV - passenger cabin top

I. Preparation (Figure 601)

**SUBTASK 841-002-A**

- (1) Use table 601 to remove passenger-cabin headliner panels as applicable to 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 HEADLINER PANELS

AIRCRAFT	PANELS
EMB - 145	263ALC and 263BLC
EMB - 135	263ALC

- (2) Remove the thermoacoustic insulation from center fuselage IV to zones 263/264 (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 212-002-A**

- (1) Examine the interior of the zone for loose rivets, skin deformation, nicks, cracks, dents, sealant poor condition, scratches, gouges, creases, erosion, corrosion, painting condition, deteriorated protective treatment, and foreign objects.
- (2) Examine the interior of the fuselage skin panel at stringers, frames/bulkheads, and longitudinal and circumferential splices for loose rivets, cracks, skin deformation, painting, erosion, corrosion, and deteriorated protective treatment (Figure 602).
- (3) Examine drains for corrosion. Also do a check for blockage and correct operation (AMM TASK 12-23-00-600-801-A/300).
- (4) Examine the interior of the zone for leakage on the skin, signs of friction, tension, broken strands, and signs of overheating.
- (5) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

**SUBTASK 842-002-A**

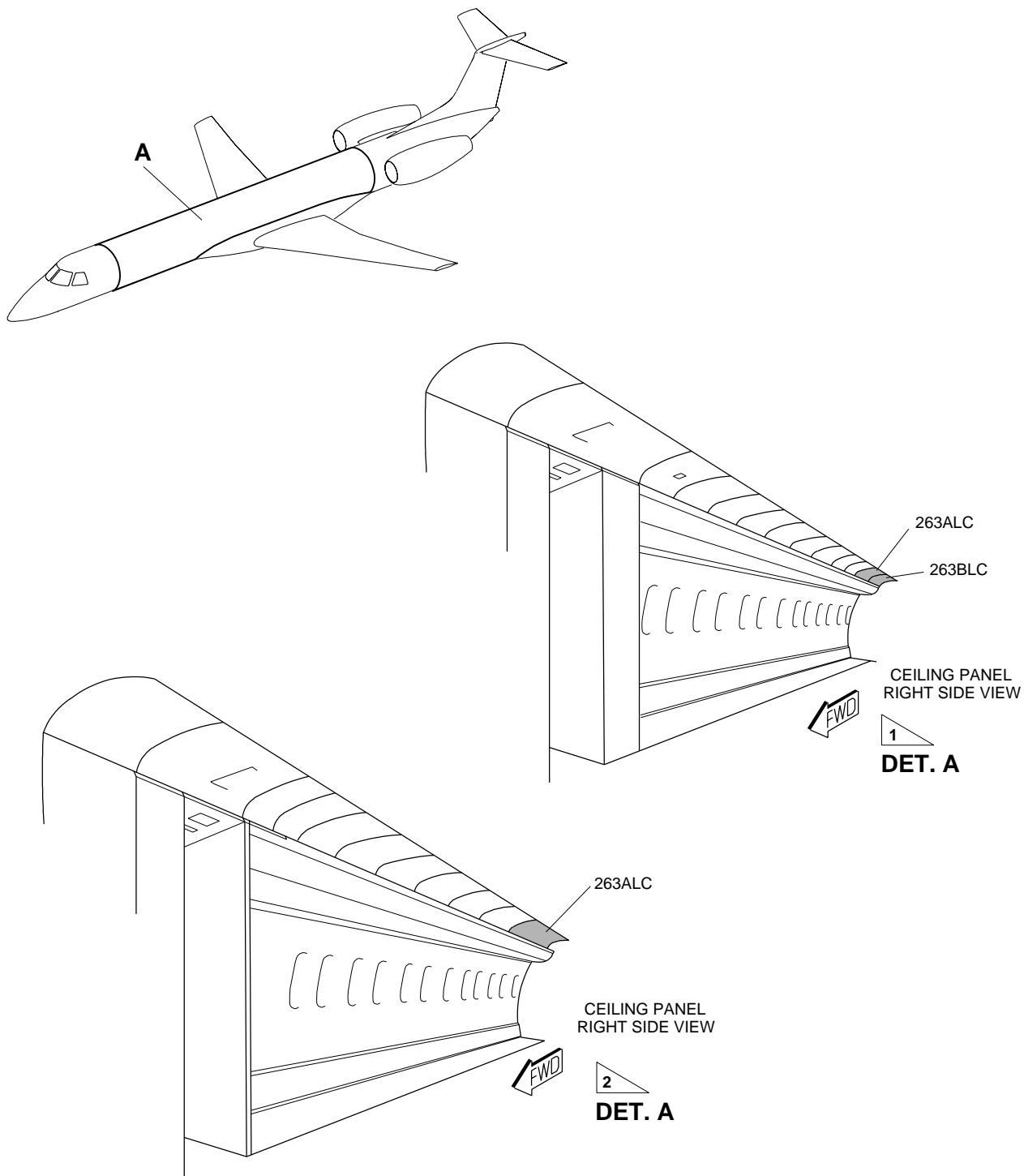
- (1) Install the thermoacoustic insulation to zones 263/264 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.

- (2) Use table 601 to install passenger-cabin headliner panels as applicable to your aircraft (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400).

EFFECTIVITY: ALL

Center Fuselage IV - Passenger Cabin Top - Headliner Panels

Figure 601



1 APPLICABLE TO EMB-145 (ALL) MODELS.

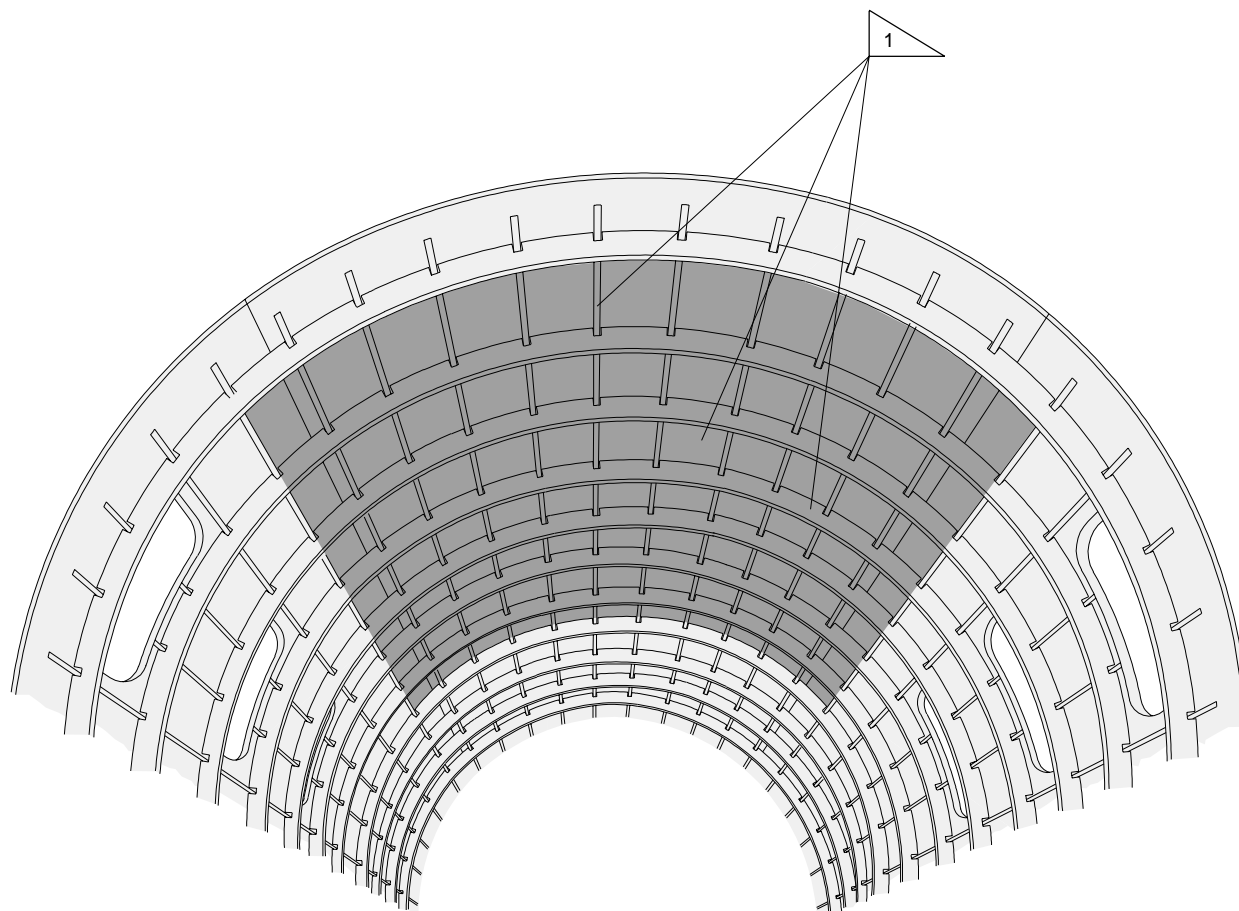
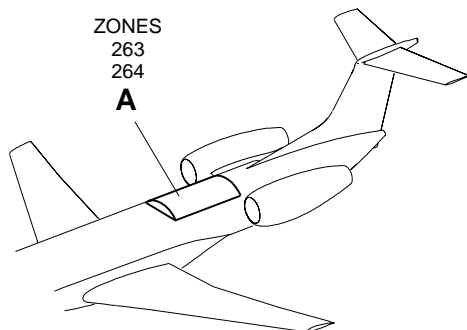
2 APPLICABLE TO EMB-135 (ALL) MODELS.

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**EFFECTIVITY: ALL**

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

Figure 602



**DET. A**



INTERNAL VISUAL INSPECTION OF FUSELAGE SKIN LONGITUDINAL AND CIRCUMFERENTIAL SPLICES, STRINGERS AND FRAMES/BULKHEADS.

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