



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

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 VISU- AL INSPECTION	ALL



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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

REFERENCE	DESIGNATION
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

ZONE	PANEL/DOOR	LOCATION
263	263ALC	Passenger cabin panel
263	263BLC	Passenger cabin panel

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
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.



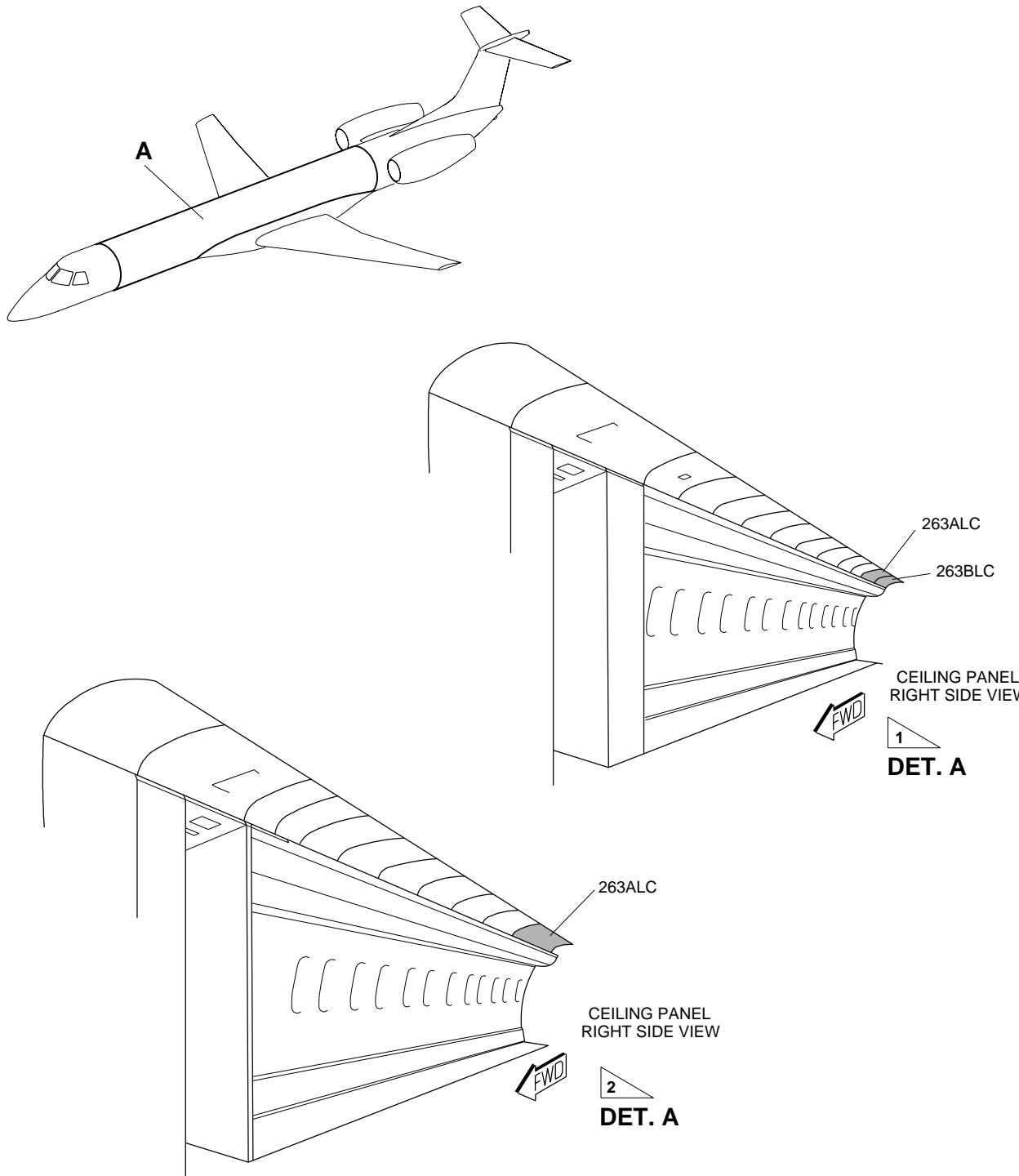
AIRCRAFT
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- (2) Use table 601 to install passenger-cabin headliner panels as applicable to your aircraft (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400).

EFFECTIVITY: ALL

Center Fuselage IV - Passenger Cabin Top - Headliner Panels

Figure 601

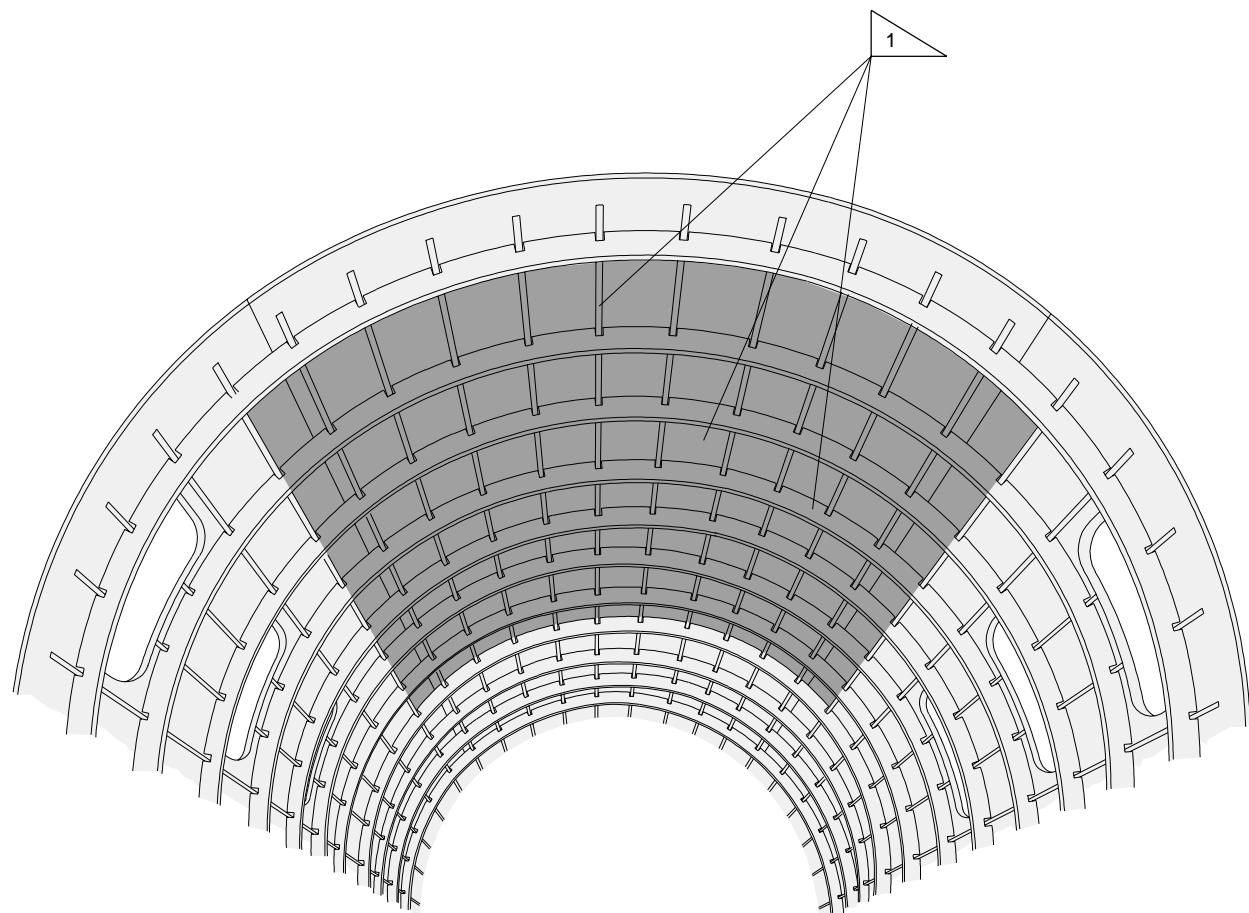
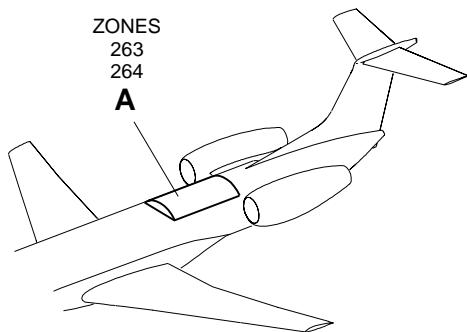


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EFFECTIVITY: ALL

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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