



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

CENTER FUSELAGE I - PASSENGER CABIN TOP - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage I - passenger cabin top for general condition.
- B. Related Zones: 233/234.
- C. Zone Boundaries: STA X = 4154.5 thru STA X = 7131.0.
- 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
05-20-20-200-801-A ♦	CENTER FUSELAGE I - PASSENGER CABIN TOP - INTERNAL GENERAL VISU- AL INSPECTION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

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

EFFECTIVITY: ALL

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

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z233-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage I, at zones 233/234, within a touching distance of 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

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	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
233	233ALC	Passenger cabin panel
233	233BLC	Passenger cabin panel
233	233CLC	Passenger cabin panel
234	234ARC	Passenger cabin panel

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
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 I - passenger cabin top

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

SUBTASK 841-002-A

- (1) Use table 601 to remove passenger-cabin headliner panels 233ALC, 233BLC, 233CLC, and 234ARC 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 HEADLINER PANELS

AIRCRAFT MODELS	PANELS
EMB-145 ()	233ALC, 233BLC, and 234ARC
EMB-135 ()	233ALC, 233BLC, 234ARC and 233CLC ^[1]

[1] This headliner panel is applicable only to EMB-135 () aircraft models.

- (2) Remove the thermoacoustic insulation from center fuselage I to zones 233/234 (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 signs of 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.

K. Follow-on

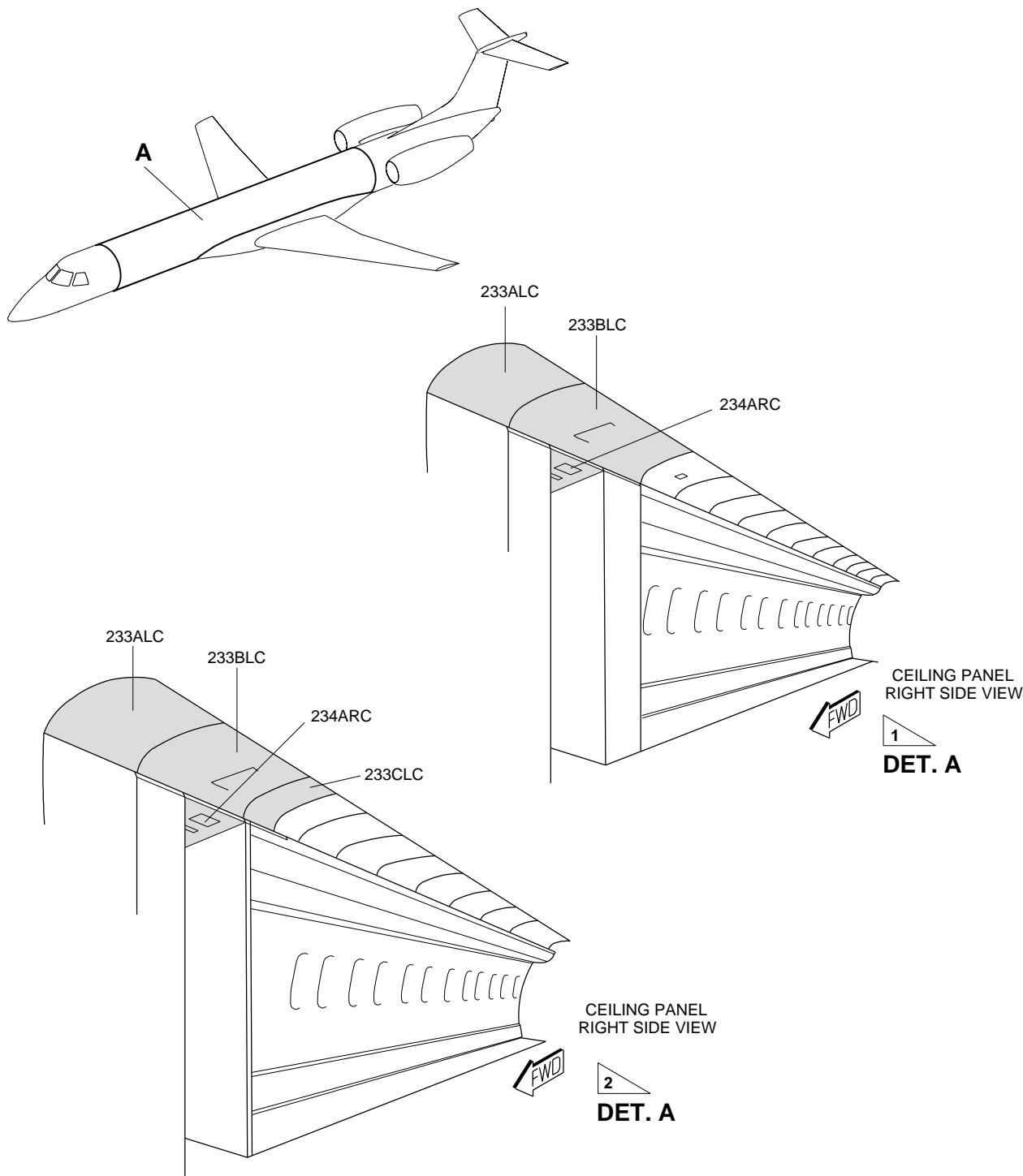
SUBTASK 842-002-A

- (1) Install the thermoacoustic insulation to zones 233/234 (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 I - Passenger-Cabin Headliner Panels

Figure 601



1 APPLICABLE TO EMB-145 (ALL) MODELS.

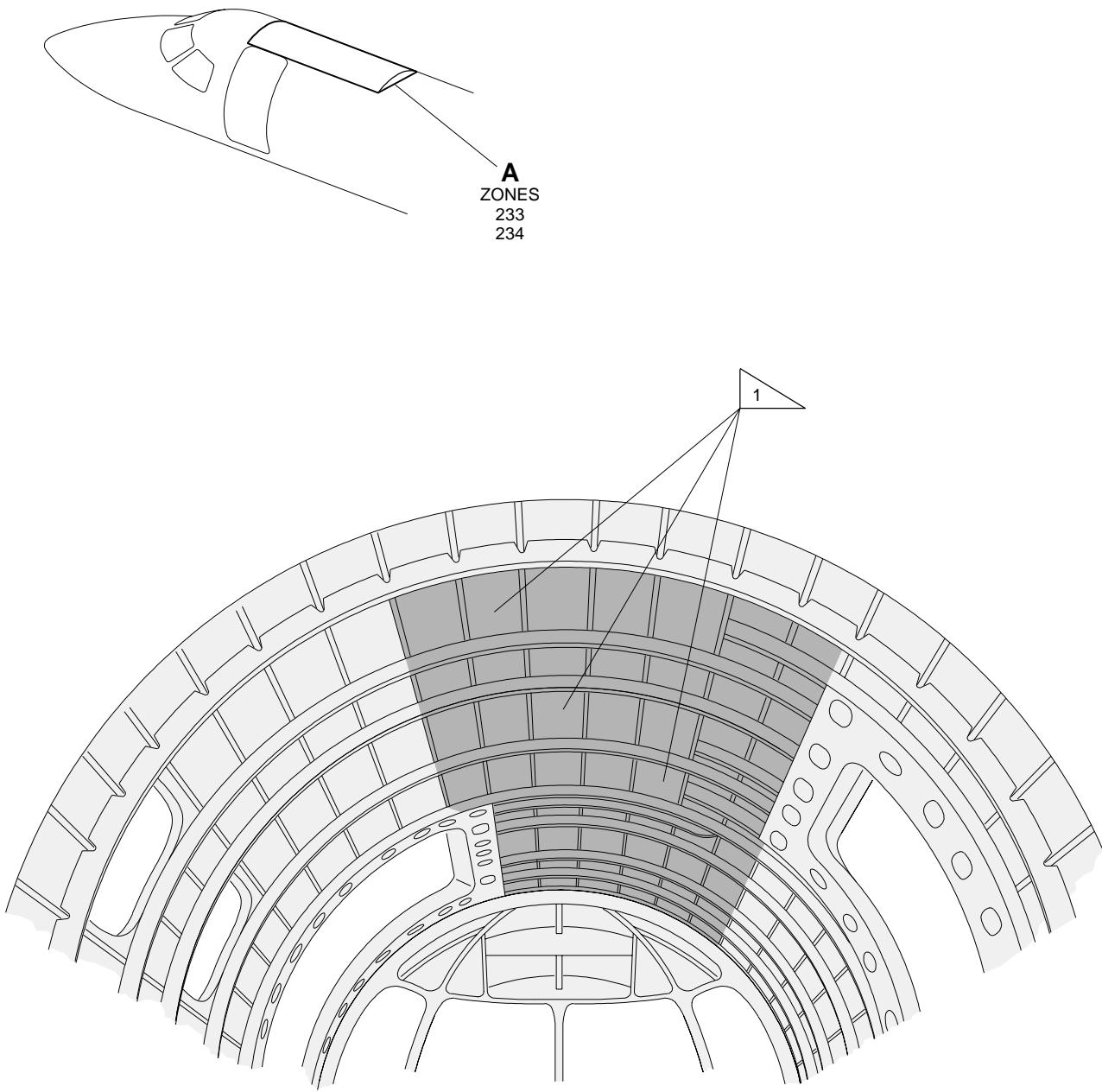
2 APPLICABLE TO EMB-135 (ALL) MODELS.

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EFFECTIVITY: ALL

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

Figure 602



DET. A



1 INTERNALLY INSPECT SKIN PANEL AT STRINGERS AND FRAMES/BULKHEADS.

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