

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

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage II - passenger cabin top for general condition.
- B. Related Zones: 243/244.
- C. (Applicable to EMB-145 () models) Zone Boundaries: STA X = 7131.0 thru STA X = 11990.0.
(Applicable to EMB-135 () 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
05-20-25-200-801-A ♦	CENTER FUSELAGE II - PASSENGER CABIN TOP - INTERNAL GENERAL VISUAL INSPECTION	ACFT MODEL(S) EMB-135

TASK 05-20-25-200-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

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

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z243-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage II, at zones 243/244, 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
243	243ALC	Passenger cabin panel
243	243BLC	Passenger cabin panel
243	243CLC	Passenger cabin panel
243	243DLC	Passenger cabin panel
243	244ARC	Passenger cabin panel
243	244BRC	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

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Center fuselage II - passenger cabin top

I. Preparation ([Figure 601](#)) ([Figure 602](#))

SUBTASK 841-005-B

- (1) Use table 601 to remove passenger-cabin headliner panels 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 ()	243ALC, 243BLC, 243CLC and 243DLC
EMB-135 ()	243BLC and 243CLC

- (2) Use table 602 to remove passenger-cabin headliner panels 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 602](#)).

Table 602 - PASSENGER-CABIN HEADLINER PANELS

AIRCRAFT MODELS	PANELS
Aircraft for 16 passengers	243ALC, 243BLC, 244ARC and 244BRC

- (3) Remove the thermoacoustic insulation from center fuselage II to zones 243/244 (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 603](#))

SUBTASK 212-005-B

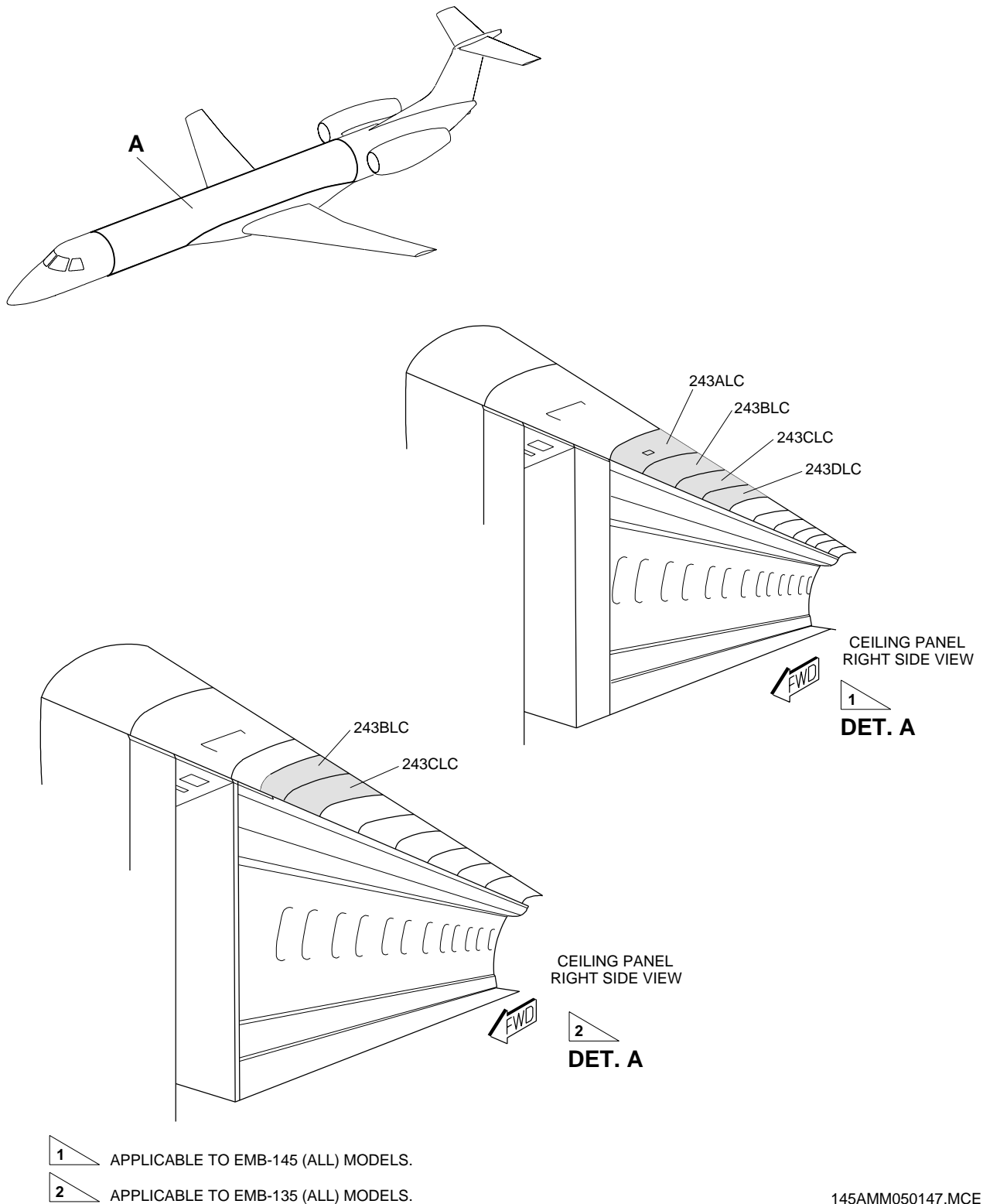
- (1) Examine the interior of the zone for loose rivets, skin deformation, nicks, cracks, dents, sealant poor condition, scratches, gouges, creases, erosion, corrosion, painting condition, deteriorated protective treatment, and foreign objects.
- (2) Examine the interior of the fuselage skin panel at stringers, frames/bulkheads, and longitudinal and circumferential splices for loose rivets, cracks, skin deformation, painting, erosion, corrosion, and deteriorated protective treatment ([Figure 603](#)).
- (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.

K. Follow-on

SUBTASK 842-005-B

- (1) Install the thermoacoustic insulation to zones 243/244 (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 or table 602, as applicable, 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).

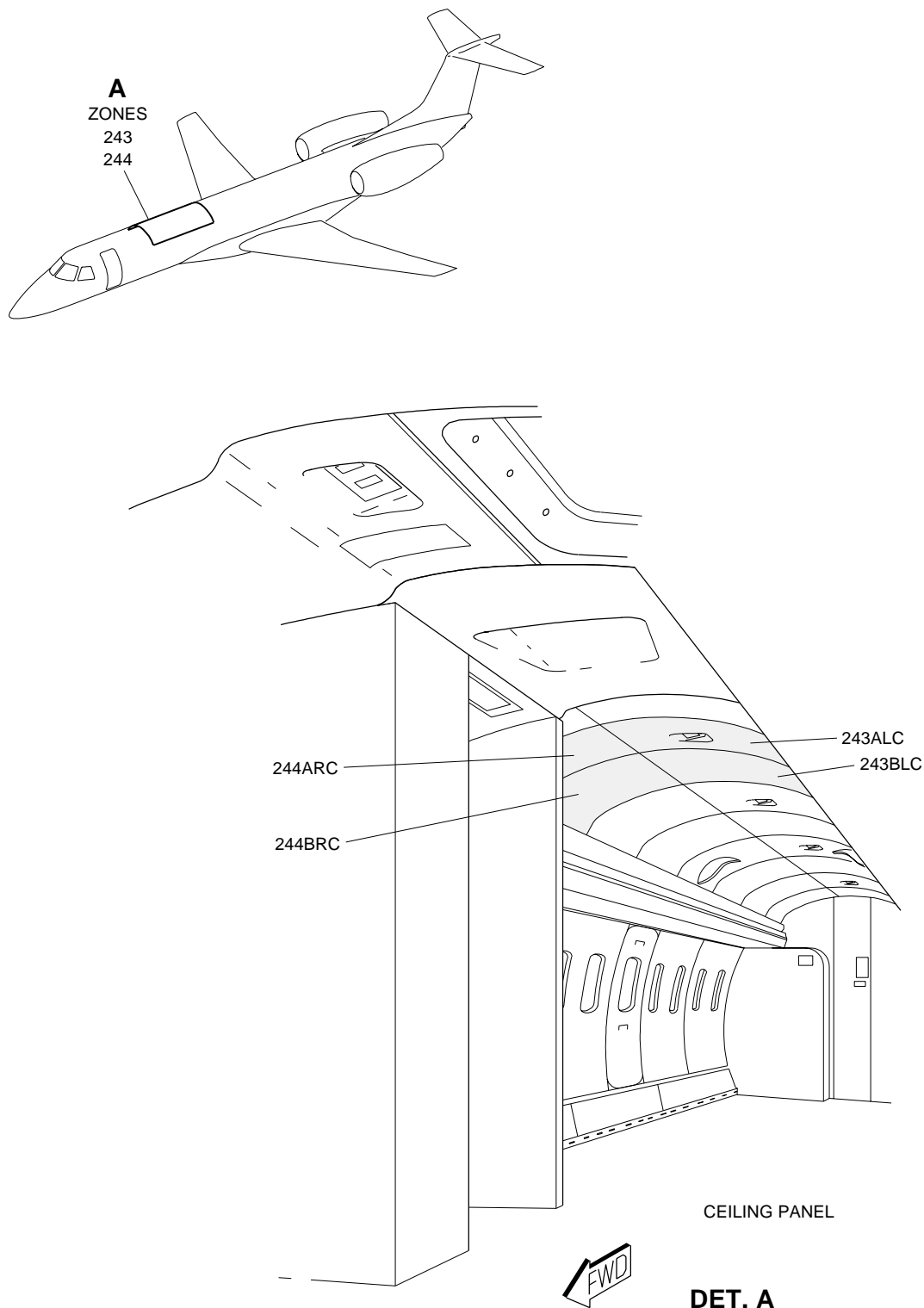
EFFECTIVITY: ACFT MODEL(S) EMB-135
Center Fuselage II - Passenger Cabin Top - Headliner Panels
Figure 601



EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

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

Figure 602

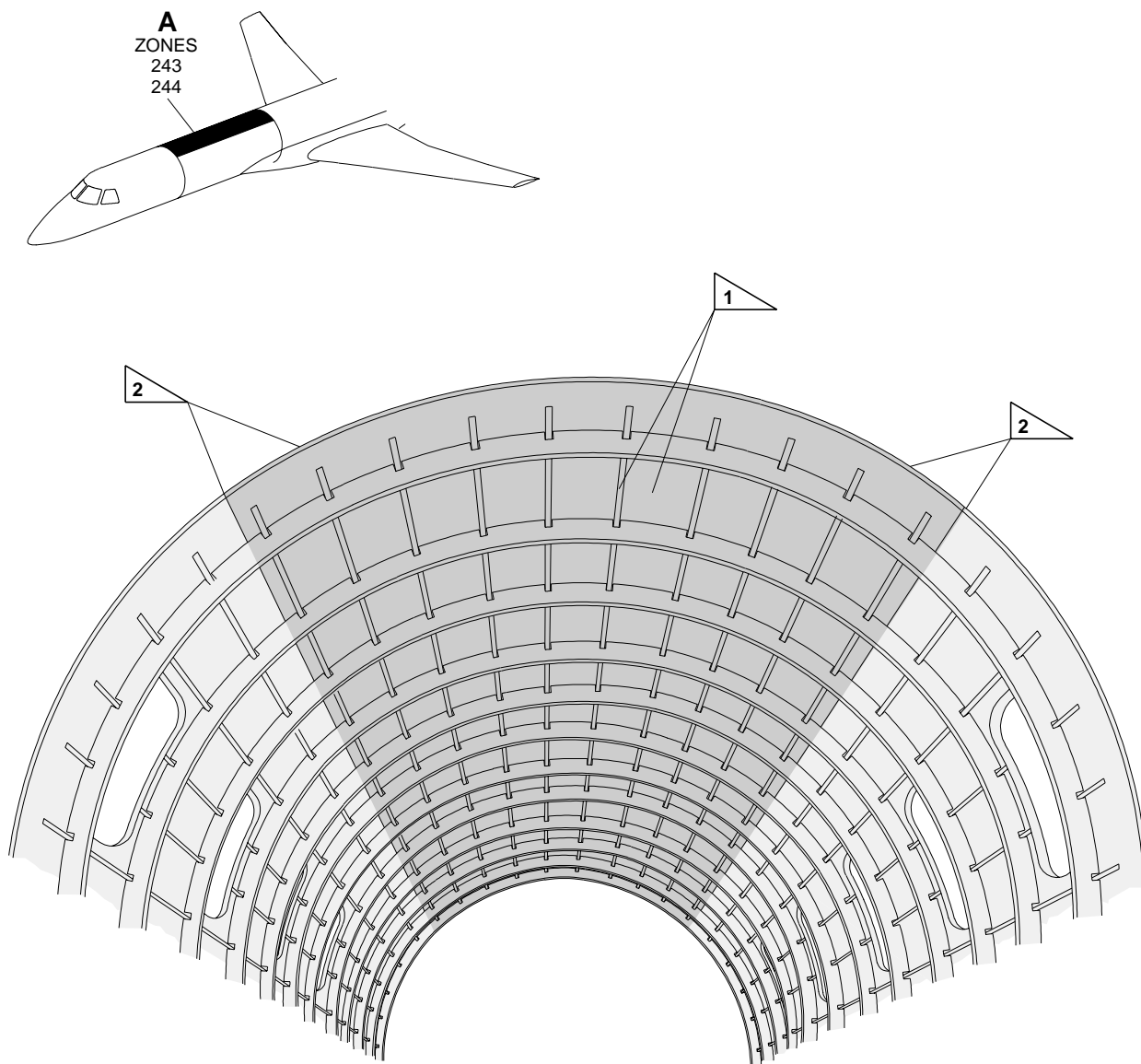


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EFFECTIVITY: ACFT MODEL(S) EMB-135

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

Figure 603



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

2 INTERNALLY INSPECT SKIN LONGITUDINAL AND CIRCUMFERENTIAL SPLICES.

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