



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

CENTER FUSELAGE II - PASSENGER CABIN LH/RH SIDES - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage II - passenger cabin LH/RH sides for general condition.
- B. Related Zones: 241/242.
- 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
05-20-24-200-801-A ♦	CENTER FUSELAGE II - PASSENGER CABIN LH/RH SIDES - INTERNAL GENER- AL VISUAL INSPECTION	ALL

TASK 05-20-24-200-801-A
EFFECTIVITY: ALL

2. CENTER FUSELAGE II - PASSENGER CABIN LH/RH SIDES - INTERNAL GENERAL VISUAL INSPECTION

A. General

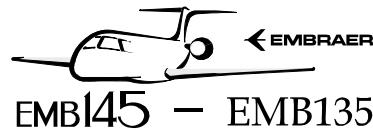
- (1) This task gives instructions to do SMRD Zonal Task 53-Z241-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage II, at zones 241/242, within a touching distance of the items examined.
- (3) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 12-23-00-600-801-A/300	-
AMM TASK 25-23-01-000-801-A/400	-
AMM TASK 25-23-01-000-802-A/400	-
AMM TASK 25-23-01-400-801-A/400	-
AMM TASK 25-23-01-400-802-A/400	-
AMM TASK 25-23-02-000-801-A/400	-
AMM TASK 25-23-02-000-802-A/400	-
AMM TASK 25-23-02-400-801-A/400	-
AMM TASK 25-23-02-400-802-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>
231	231BLW	Passenger cabin panel
241	241ALW	Passenger cabin panel
241	241BLW	Passenger cabin panel
241	241CLW	Passenger cabin panel
241	241DLW	Passenger cabin panel
241	241ELW	Passenger cabin panel
242	242ARW	Passenger cabin panel
242	242BRW	Passenger cabin panel
242	242CRW	Passenger cabin panel
242	242DRW	Passenger cabin panel



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(Continued)

ZONE	PANEL/DOOR	LOCATION
242	242ERW	Passenger cabin panel
251	251ALW	Passenger cabin panel
252	252ARW	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 II - passenger cabin LH/RH sides

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

SUBTASK 841-002-A

- (1) Use table 601 to remove the passenger-cabin sidewall lining and skirting lining panels as applicable from your aircraft (AMM TASK 25-23-01-000-801-A/400) or (AMM TASK 25-23-01-000-802-A/400) and (AMM TASK 25-23-02-000-801-A/400) or (AMM TASK 25-23-02-000-802-A/400) ([Figure 601](#)).

Table 601 - PASSENGER-CABIN SIDEWALL LINING AND SKIRTING LINING PANELS

AIRCRAFT MODELS	PANELS	
	Sidewall Lining	Skirting Lining
EMB-145 ()	241ALW, 241BLW, 241CLW, 251ALW, 242ARW, 242BRW, 242CRW and 252ARW	241DLW, 241ELW, 242DRW and 242ERW
EMB-135 ()	241ALW, 241BLW, 241CLW, 242BRW, 242CRW and 252ARW	231BLW, 241DLW, 242DRW and 242ERW

- (2) Remove the thermoacoustic insulation from center fuselage II to zones 241/242 (AMM TASK 25-81-01-000-801-A/400) or (AMM TASK 25-81-01-000-802-A/400) as applicable.



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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 condition, scratches, gouges, creases, erosion, corrosion, painting condition, and 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.

K. Follow-on

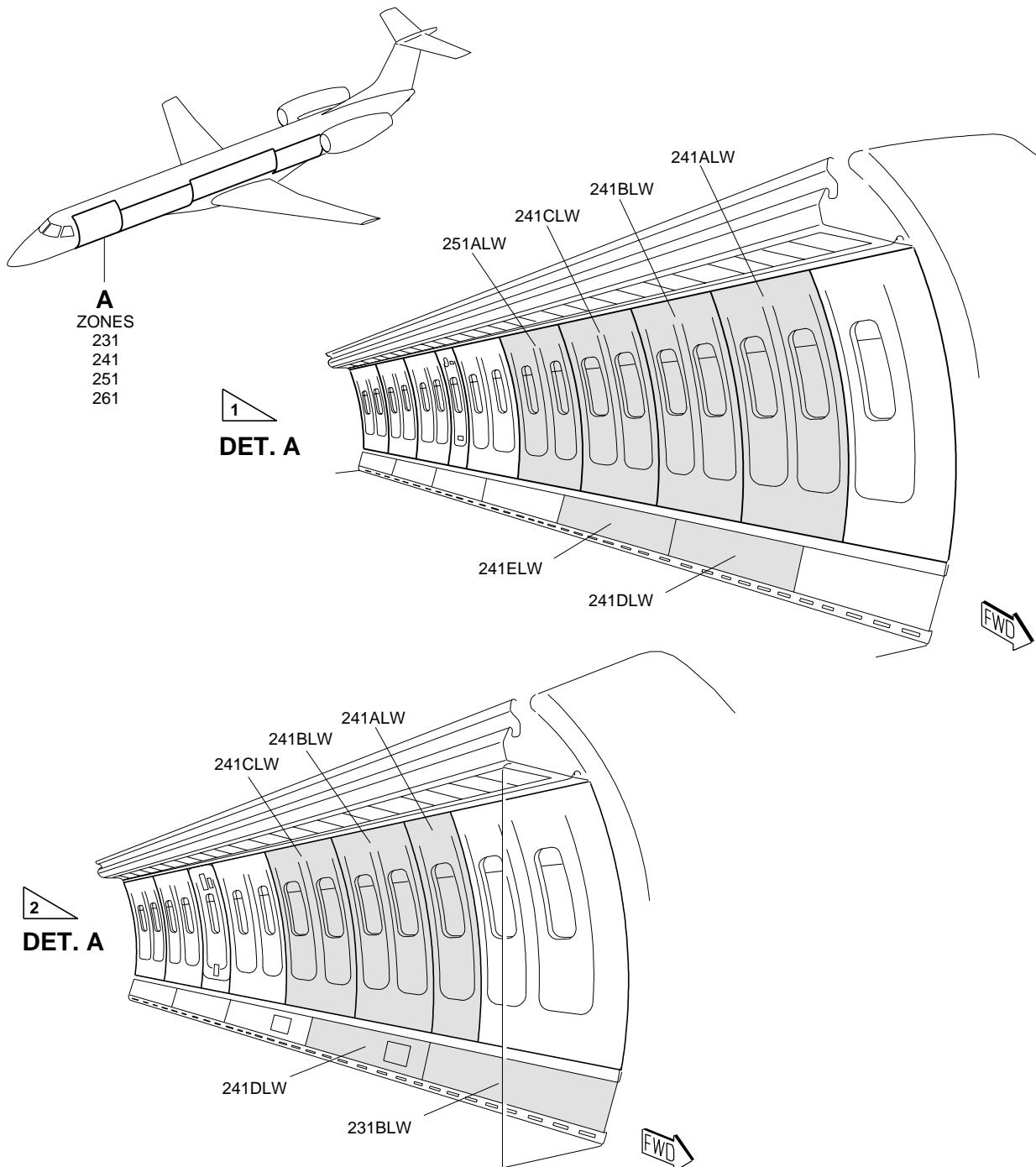
SUBTASK 842-002-A

- (1) Install the thermoacoustic insulation to zones 241/242 (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 sidewall lining and skirting lining panels as applicable to your aircraft (AMM TASK 25-23-01-400-801-A/400) or (AMM TASK 25-23-01-400-802-A/400) and (AMM TASK 25-23-02-400-801-A/400) or (AMM TASK 25-23-02-400-802-A/400).

EFFECTIVITY: ALL

Center Fuselage II - Passenger Cabin LH/RH Sides - Access Panels

Figure 601 - Sheet 1



1 APPLICABLE TO EMB-145 (ALL) MODELS.

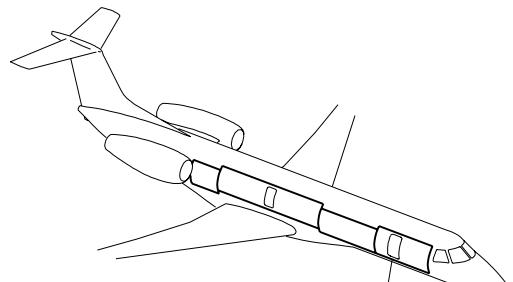
2 APPLICABLE TO EMB-135 (ALL) MODELS.

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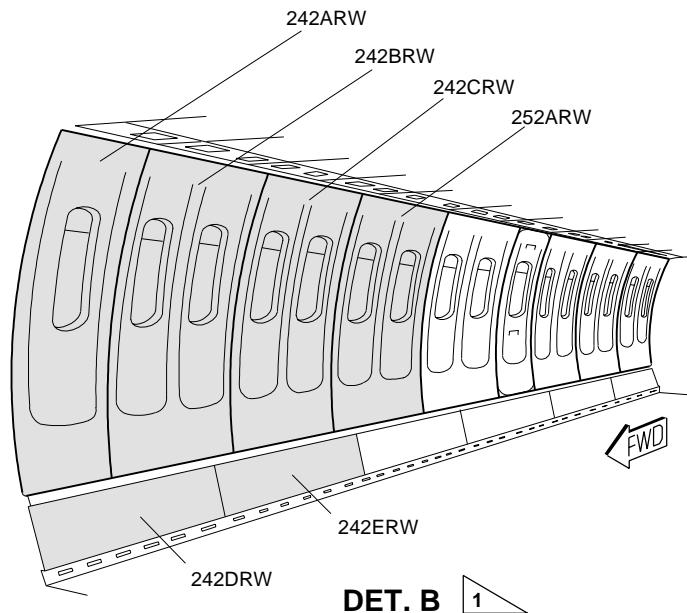
EFFECTIVITY: ALL

Center Fuselage II - Passenger Cabin LH/RH Sides - Access Panels

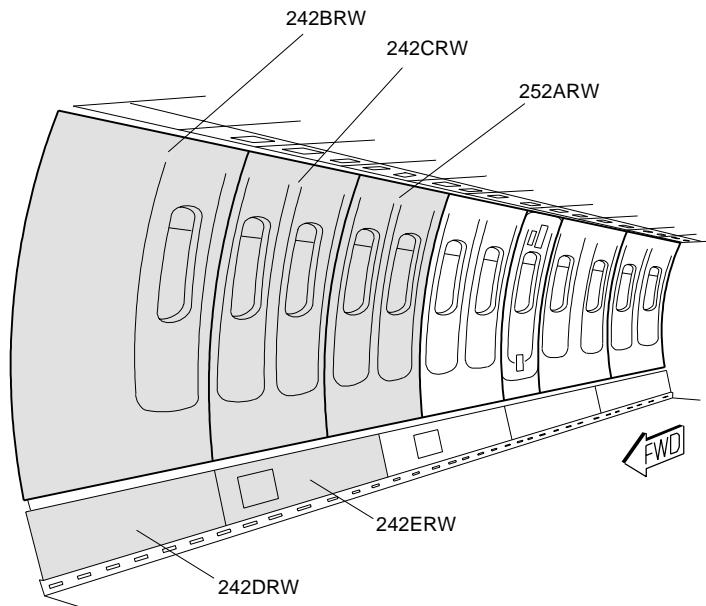
Figure 601 - Sheet 2



B
ZONES
232
242
252
262



DET. B 1



DET. B 2

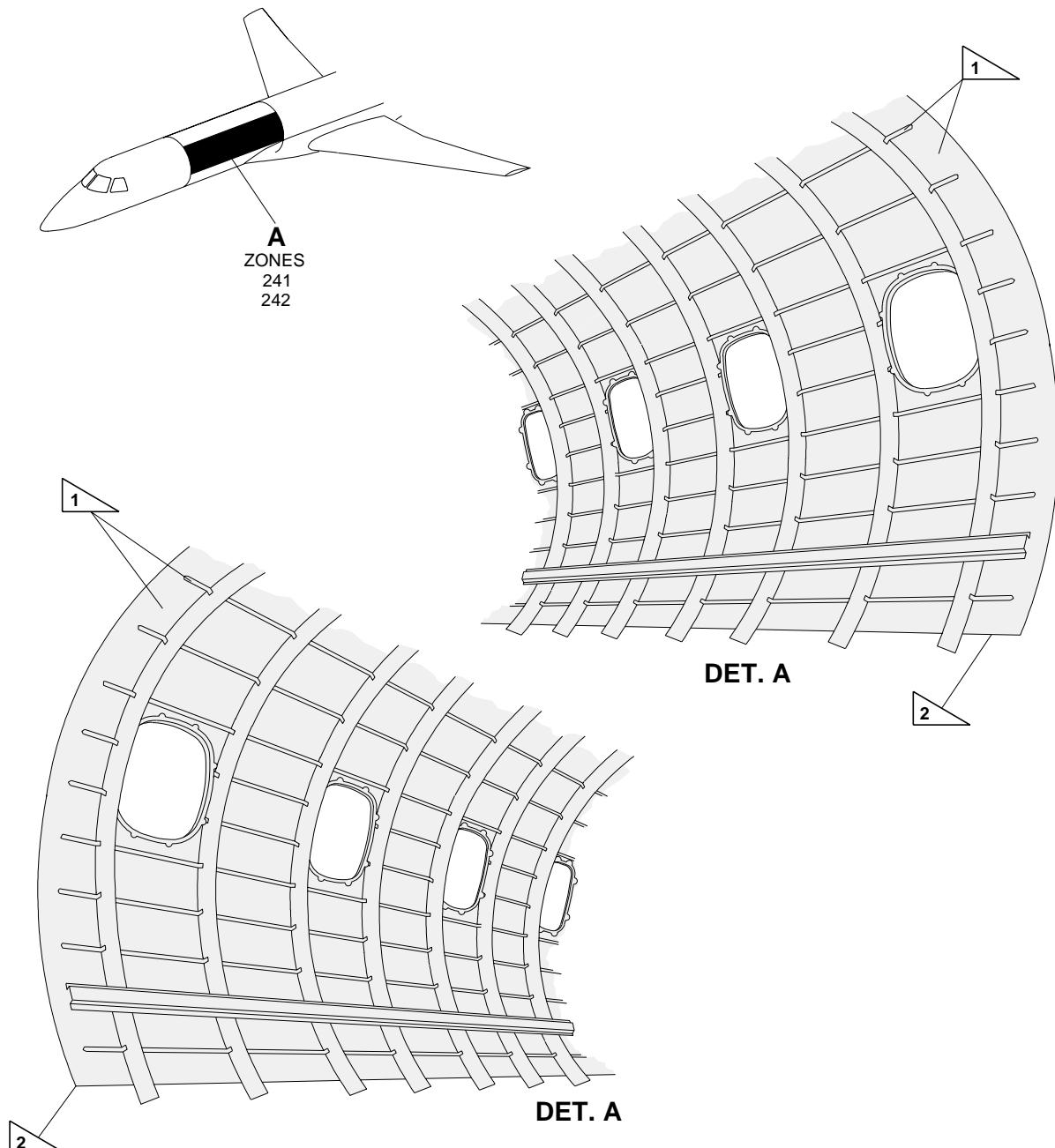
1 APPLICABLE TO EMB-145 (ALL) MODELS.

2 APPLICABLE TO EMB-135 (ALL) MODELS.

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EFFECTIVITY: ALL

Center Fuselage II - Passenger Cabin LH/RH Sides - Internal General Visual Inspection
Figure 602



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

2 INTERNALLY INSPECT SKIN LONGITUDINAL AND CIRCUMFERENTIAL SPLICES.

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