



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**CENTER FUSELAGE I - 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 I - passenger cabin LH/RH sides for general condition.
- B. Related Zones: 231/232.
- 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
05-20-28-200-801-A ♦	CENTER FUSELAGE I - PASSENGER CABIN LH/RH SIDES - INTERNAL GENER- AL VISUAL INSPECTION	ALL



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TASK 05-20-28-200-801-A

EFFECTIVITY: ALL

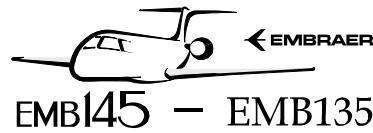
2. CENTER FUSELAGE I - PASSENGER CABIN LH/RH SIDES - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z231-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage I, at zones 231/232, 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 25-23-01-000-801-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 25-30-01-000-801-A/400	-
AMM TASK 25-30-01-000-802-A/400	-
AMM TASK 25-30-01-000-803-A/400	-
AMM TASK 25-30-01-000-804-A/400	-
AMM TASK 25-30-01-000-805-A/400	-
AMM TASK 25-30-01-000-806-A/400	-
AMM TASK 25-30-01-400-801-A/400	-
AMM TASK 25-30-01-400-802-A/400	-
AMM TASK 25-30-01-400-803-A/400	-
AMM TASK 25-30-01-400-804-A/400	-
AMM TASK 25-30-01-400-805-A/400	-
AMM TASK 25-30-01-400-806-A/400	-
AMM TASK 25-30-02-000-801-A/400	-
AMM TASK 25-30-02-400-801-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	-



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(Continued)

REFERENCE	DESIGNATION
AMM TASK 25-81-01-400-802-A/400	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
231	231ALW	Passenger cabin panel
231	231BLW	Passenger cabin panel
241	241ALW	Passenger cabin panel
241	241DLW	Passenger cabin panel
242	242ARW	Passenger cabin panel
242	242BRW	Passenger cabin panel
242	242DRW	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

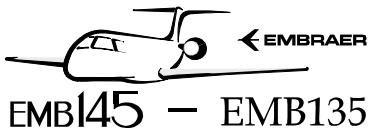
### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Center fuselage I - passenger cabin LH/RH sides

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

#### SUBTASK 841-008-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, Figure 602).



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

AIRCRAFT MODELS	PANELS	
	Sidewall Lining	Skirting Lining
EMB-145 ()	231ALW, 241ALW, and 242ARW	231BLW, 241DLW, and 242DRW
EMB-135 ()	231ALW and 242BRW	231BLW and 242DRW

- (2) Remove the thermoacoustic insulation from center fuselage I to zones 231/232 (AMM TASK 25-81-01-000-801-A/400) or (AMM TASK 25-81-01-000-802-A/400) as applicable.
- (3) Remove the Forward Galley (AMM TASK 25-30-01-000-801-A/400, AMM TASK 25-30-01-000-802-A/400, AMM TASK 25-30-01-000-803-A/400, AMM TASK 25-30-01-000-804-A/400, AMM TASK 25-30-01-000-805-A/400, AMM TASK 25-30-01-000-806-A/400), as applicable.
- (4) Remove the Aft Galley (AMM TASK 25-30-02-000-801-A/400), if applicable.

J. Internal General Visual Inspection ([Figure 603](#))

SUBTASK 212-008-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, 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 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

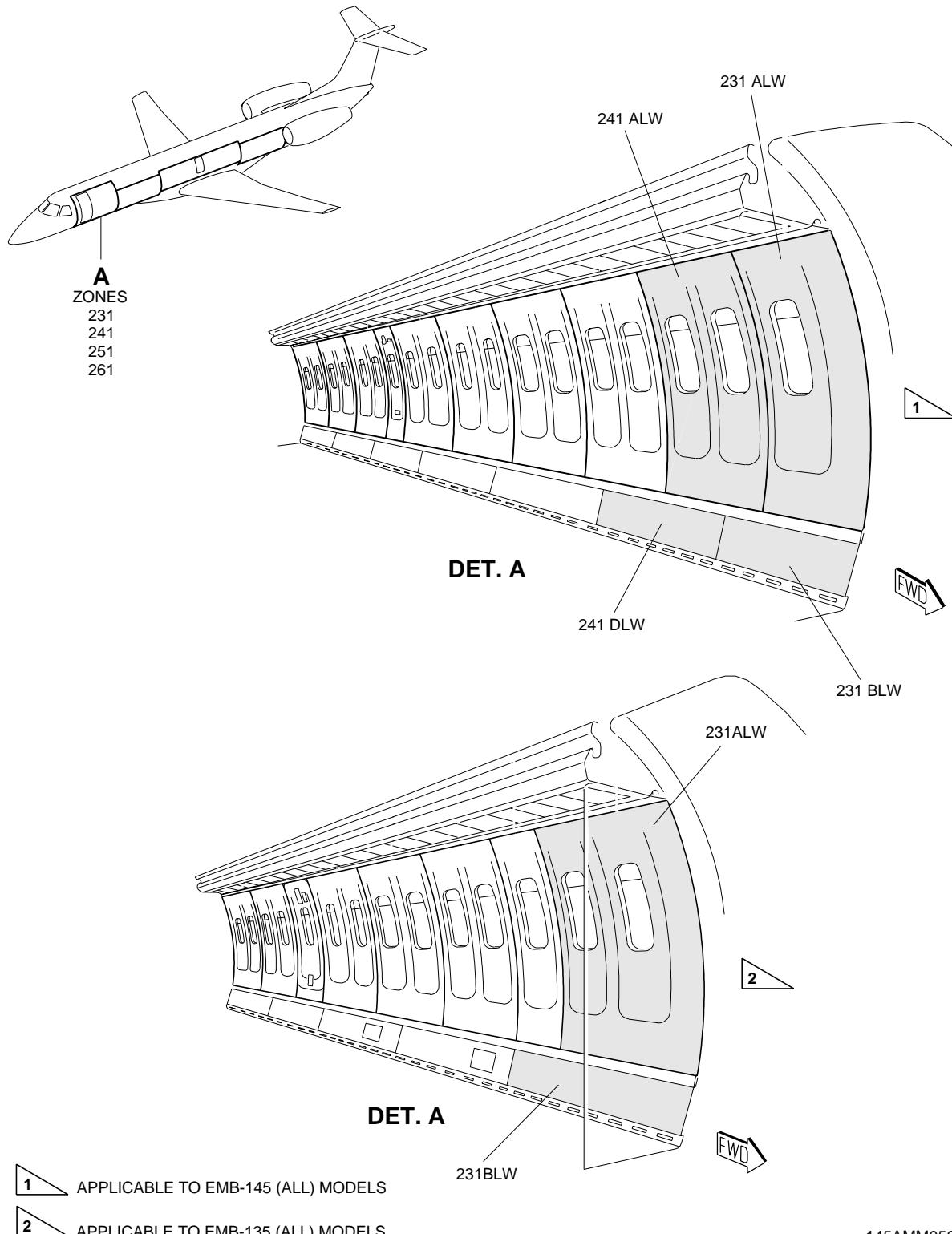
SUBTASK 842-008-A

- (1) Install the Aft Galley (AMM TASK 25-30-02-400-801-A/400), if applicable.
- (2) Install the Forward Galley (AMM TASK 25-30-01-400-801-A/400, AMM TASK 25-30-01-400-802-A/400, AMM TASK 25-30-01-400-803-A/400, AMM TASK 25-30-01-400-804-A/400, AMM TASK 25-30-01-400-805-A/400, AMM TASK 25-30-01-400-806-A/400), as applicable.
- (3) Install the thermoacoustic insulation to zones 231/232 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (4) Use table 601 to install the 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 I - Passenger-Cabin LH Sides - Access Panels

Figure 601

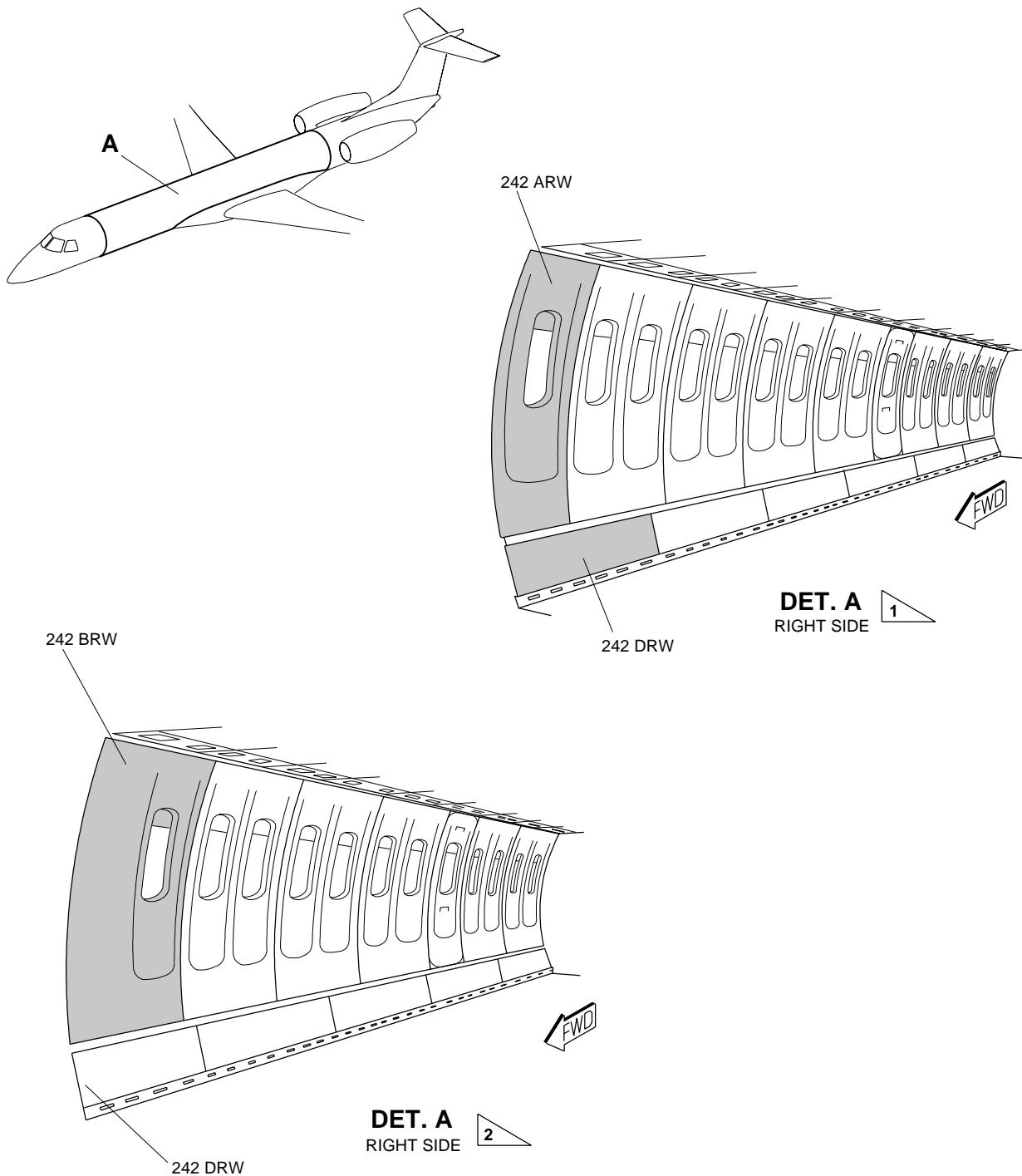


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**EFFECTIVITY: ALL**

Center Fuselage I - Passenger-Cabin RH Sides - Access Panels

Figure 602



**1** APPLICABLE TO EMB-145 (ALL) MODELS.

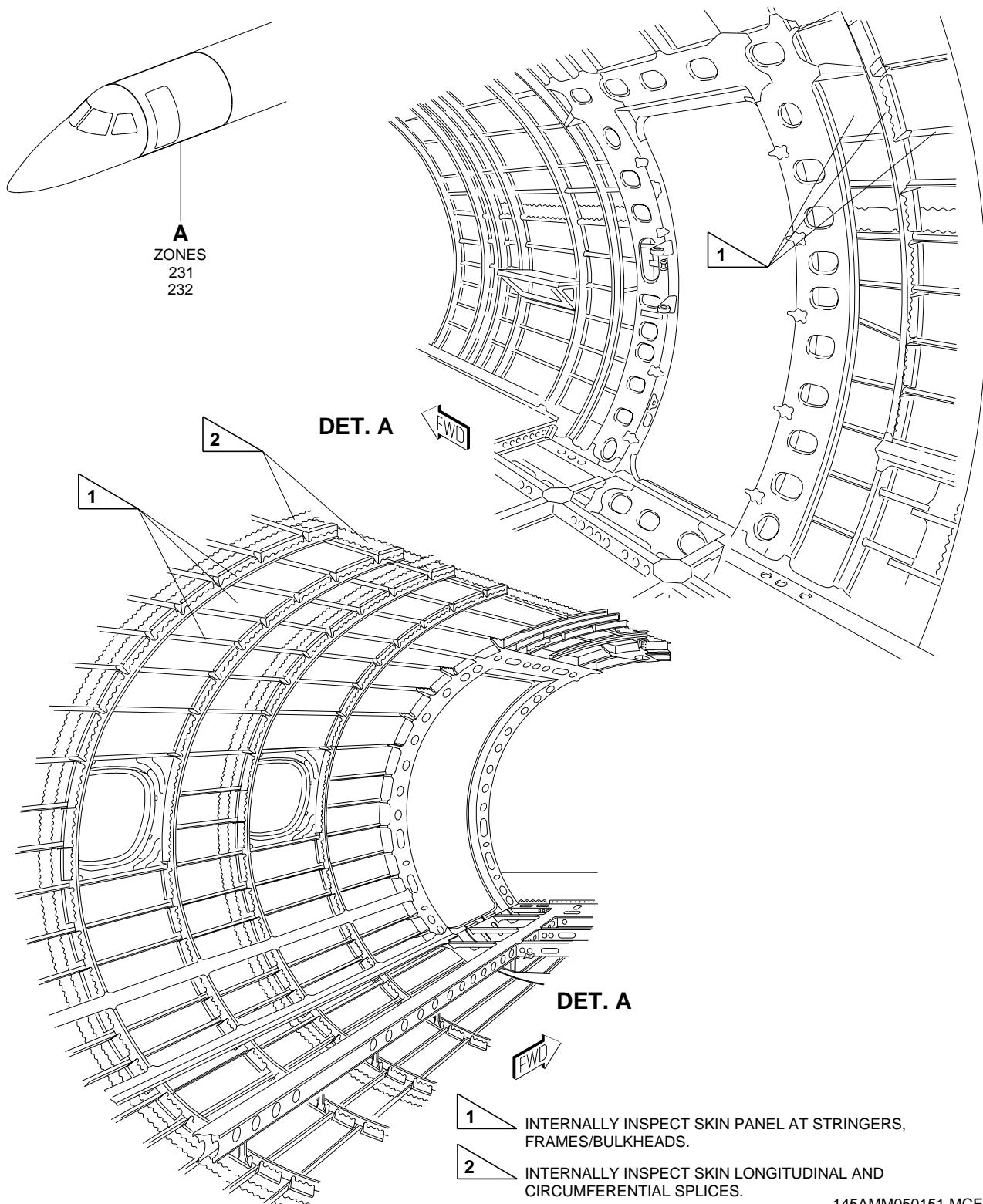
**2** APPLICABLE TO EMB-135 (ALL) MODELS.

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**EFFECTIVITY: ALL**

Center Fuselage I - Passenger-Cabin LH/RH Sides - Internal General Visual Inspection

Figure 603



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