

**CENTER FUSELAGE IV - 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 IV - passenger cabin LH/RH sides for general condition.
- B. Related Zones: 261/262.
- C. (Applicable to EMB-145 ( ) models) Zone Boundaries: STA X = 17727.0 thru STA X = 20793.0.  
(Applicable to EMB-135 ( ) 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
05-20-37-200-801-A ♦	CENTER FUSELAGE IV - PASSENGER CABIN LH/RH SIDES - INTERNAL GENER- AL VISUAL INSPECTION	ALL

TASK 05-20-37-200-801-A

EFFECTIVITY: ALL

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

### A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z261-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage IV, at zones 261/262, 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 21-20-00-100-801-A/700	-
AMM TASK 21-20-00-100-802-A/700	-
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

ZONE	PANEL/DOOR	LOCATION
261	261ALW	Passenger cabin sidewall lining
261	261BLW	Passenger cabin sidewall lining
261	261CLW	Passenger cabin skirting lining
261	261DLW	Passenger cabin skirting lining
262	262ARW	Passenger cabin sidewall lining
262	262BRW	Passenger cabin sidewall lining
262	262CRW	Passenger cabin skirting lining
262	262DRW	Passenger cabin skirting lining

**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 LH/RH sides

**I. Preparation (Figure 601)**
**SUBTASK 841-002-A**

- (1) Use the table 601 to remove 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 ( )	261ALW, 261BLW, 262ARW and 262BRW	261CLW, 261DLW 262CRW and 262DRW
EMB-135 ( )	261ALW and 262ARW	261CLW and 262CRW

- (2) Remove the thermoacoustic insulation from center fuselage IV to zones 261/262 (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, fillet sealant condition, nicks, cracks, dents, erosion, corrosion, deteriorated protective treatment, and foreign objects (Figure 602).
- (2) Examine the splices, circumferential splices, stringers, and frames/bulkheads for loose rivets, cracks, skin deformation, corrosion, and deteriorated protective treatment (Figure 602).

- (3) Examine the interior of the zone for failure ( e.g., dirty, bent, disconnected, cracked, or crushed duct) and signs of overheating caused by leakage at the connection of the air conditioning ducts to the gaspers.
- (4) Clean the conditioned air ducts, if necessary (AMM TASK 21-20-00-100-801-A/700) or (AMM TASK 21-20-00-100-802-A/700) as applicable.
- (5) Examine drains for signs of corrosion. Also do a check for blockage and correct operation (AMM TASK 12-23-00-600-801-A/300).

K. Follow-on

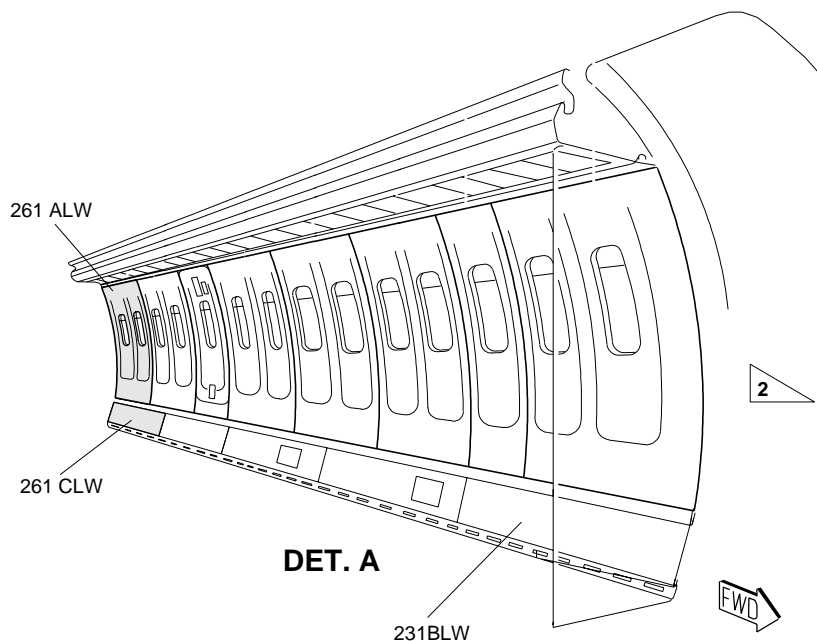
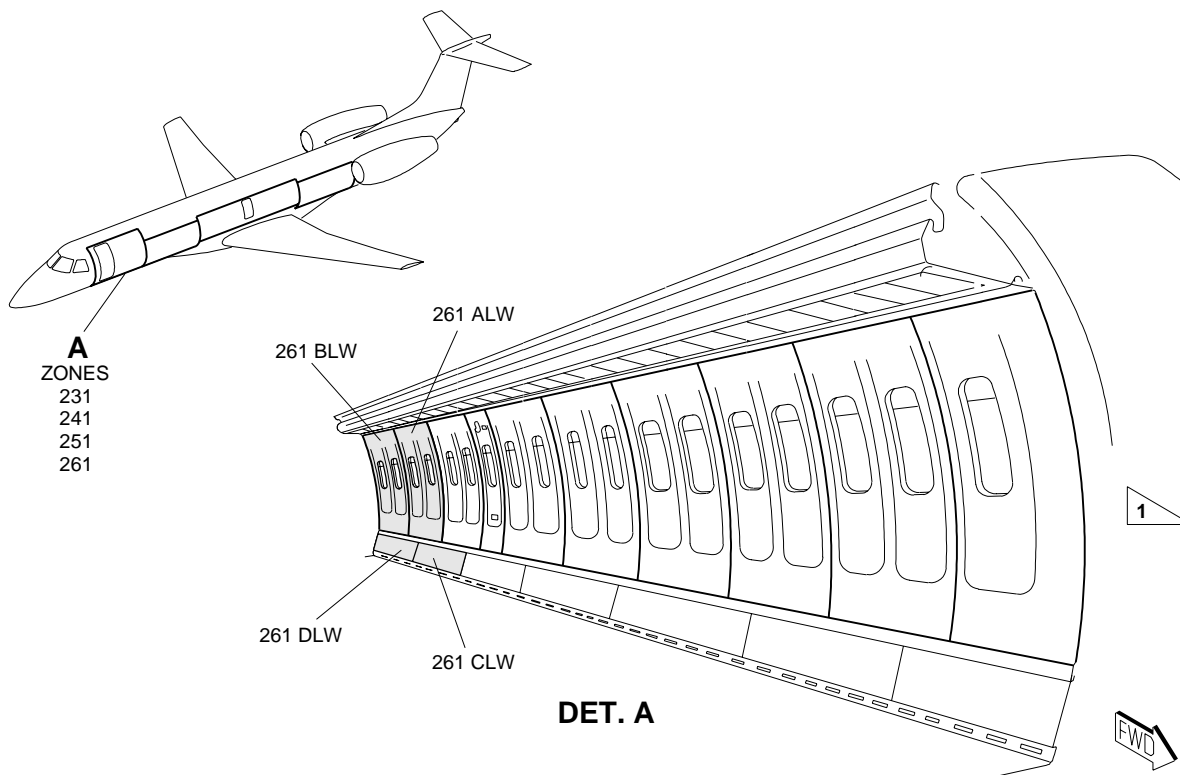
*SUBTASK 842-002-A*

- (1) Install the thermoacoustic insulation to zones 261/262 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (2) Use the 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 IV - Passenger Cabin LH/RH Sides - Access Panels

Figure 601 - Sheet 1



1 APPLICABLE TO EMB-145 (ALL) MODELS

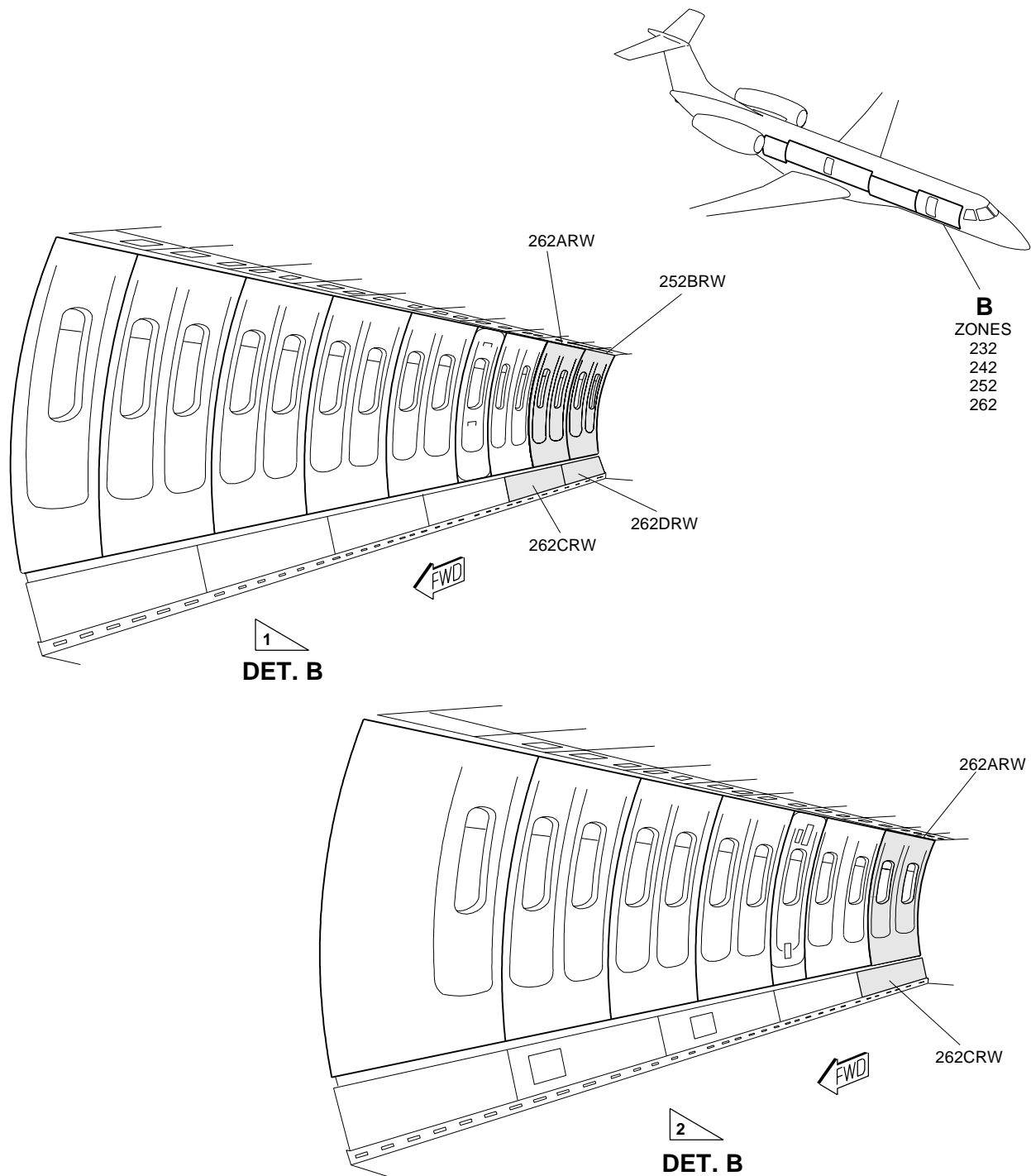
2 APPLICABLE TO EMB-135 (ALL) MODELS

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EFFECTIVITY: ALL

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

Figure 601 - Sheet 2



1 APPLICABLE TO EMB-145 (ALL) MODELS.

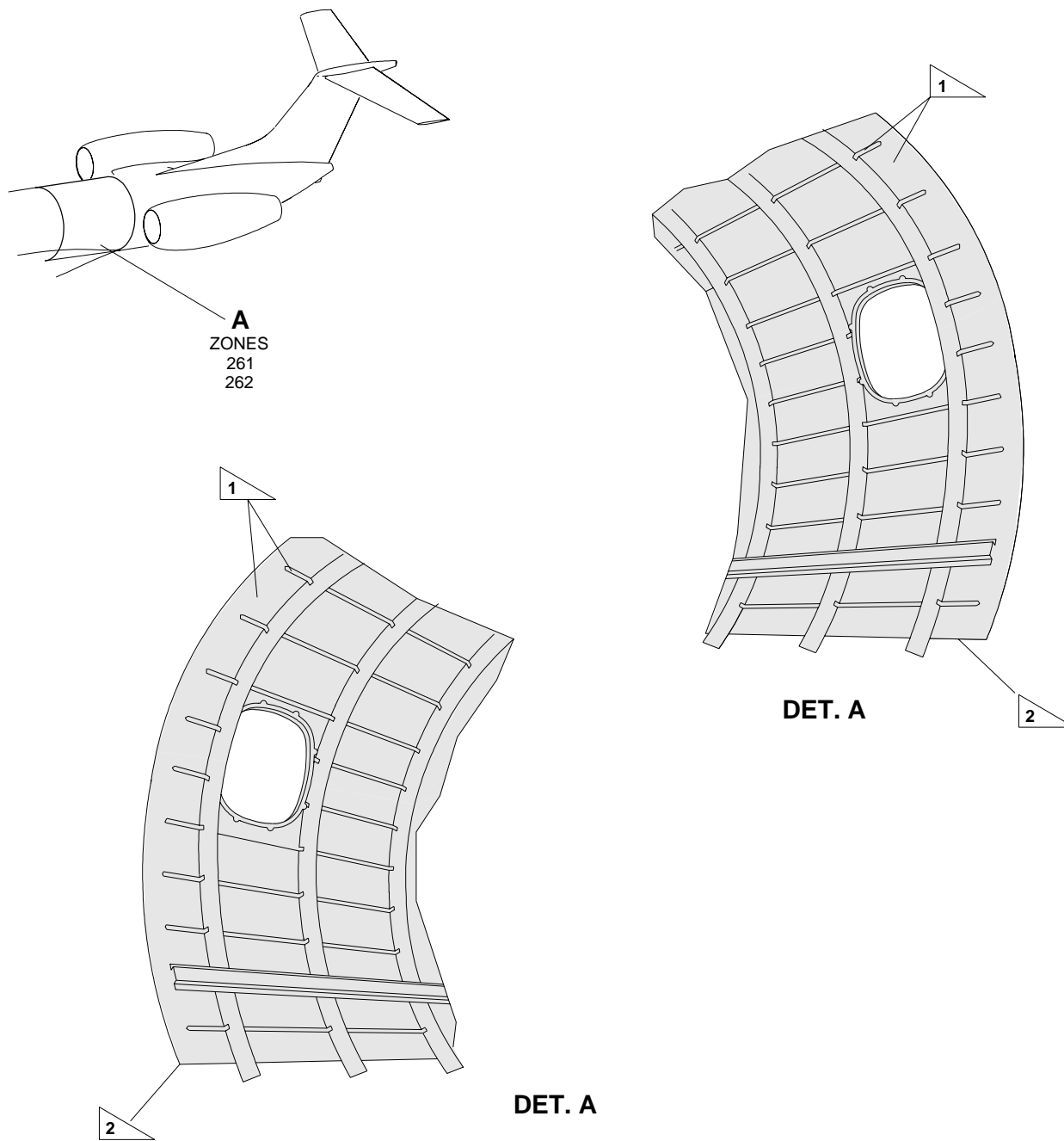
2 APPLICABLE TO EMB-135 (ALL) MODELS.

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**EFFECTIVITY: ALL**

Center Fuselage IV - 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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