



AIRCRAFT MAINTENANCE MANUAL

FLOOR PANELS - COMPONENT LOCATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the access doors and panels of major zones 100 and 200 of the fuselage outside.



EMB145 - EMB135

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2. List of the Equipment and Components

- A. Tables 101 thru 106 give the equipment and components to which you can get access through the floor panels.

NOTE: To find the access panels that give access to the harness assemblies, refer to wiring manual, as follows:

- Splices: (WM 20-13-01/2).
- Connectors: (WM 20-13-02/2).
- Relays: (WM 20-13-03/2).
- Terminal boards: (WM 25-13-04/2).
- Grounding studs: (WM 20-13-05/2).

Table 101 - SUB-ZONE 220

PANEL IDENTIFICATION NUMBER			EQUIPMENT/COMPONENTS	REMOVAL TASK
LEFT	RIGHT	FIG.		
221AF		(Figure 102)	Electrical wiring, Pitot-static system hose	(AMM TASK 53-01-01-000-801-A/400)
221BF			Electrical wiring, conditioned air hose	
221CF			Electrical wiring, conditioned air hose, Static port current sensor S0335	
221DF			Electrical wiring, Electrical connector of the control column yoke	
221EF [2]			W101 and W102 wiring interface connectors, elevator and aileron control rods	
221FF			Electrical wiring, Control cables, Aileron autopilot servo	
221GF [2]			IC-600, Brake control unit, Fuel control unit, APU generator control unit, Central maintenance computer, Data acquisition unit, Control cables, Pitot-static tubing, Wing level control unit [1]	
	222AF		Electrical wiring, conditioned air hose	
	222BF [2]		Pitot 3 hose fittings, Conditioned air hose, Electrical wiring, Static port current sensor S0336	
	222CF		-	
	222DF		Electrical wiring, Electrical connector of the control column yoke	
	222EF [2]		Override switch, Free-fall lever	
	222FF		W101 and W102 wiring interface connectors, elevator and aileron control rods, Hydraulic tubing, Pressure reference tube, Vacuum tube	
	222GF		Main door emergency opening valve. Not applicable to aircraft with side-hinged main door	

[1] Aircraft with HLEIS.

[2] Before you close this access panel, make sure that the fuel quantity indicating harness is in good condition. Refer to (TASK 28-41-00-210-801-A).

Table 102 - SUB-ZONE 230

PANEL IDENTIFICATION NUMBER			EQUIPMENT/COMPONENTS	REMOVAL TASK
LEFT	RIGHT	FIG.		
231AF		(Figure 103)	Electrical wiring	(AMM TASK 53-01-02-000-801-A/400)
231BF [1]			Conditioned air hose, Electrical wiring, control cables, Hydraulic tubing, DME-1 antenna	
231CF			Main door actuator, Hydraulic tubing of main door actuators, Main door microswitch. Applicable to aircraft with airstairs main door	
231DF			Main door actuator. Applicable to aircraft with airstairs main door	
231EF [1]			Electrical wiring	
231FF [1]			Electrical wiring, Control cables, Hydraulic tubing, Conditioned air duct	
231GF			Hydraulic tubing, Conditioned air duct, Control cables, Mark Beacon antenna, Transponder antenna	
231HF [1]			Electrical wiring	
231JF			Main door actuator, hydraulic tubing of main doors actuators, Main door microswitch. Applicable to aircraft with side-hinged main door	
	232AF [1]		Hydraulic tubing, Conditioned air duct, Pitot-static system tubing, Control cables, Mark beacon antenna, Pressure reference tube, Vacuum tube	
	232BF [1]		Electrical wiring, Control cables, Hydraulic tubing, Reference pressure tube, Vacuum tube	
	232CF [1]		Hydraulic tubing, Conditioned air duct, Electrical wiring, Control cables, VHF antenna, Reference pressure tube, Vacuum tube	
	232DF [1]		Hydraulic tubing, Conditioned air duct, Electrical wiring, Control cables, Reference pressure tube, Vacuum tube	

[1] Before you close this access panel, make sure that the fuel quantity indicating harness is in good condition. Refer to (TASK 28-41-00-210-801-A).

Table 103 - SUB-ZONE 240

PANEL IDENTIFICATION NUMBER			EQUIPMENT/COMPONENTS	REMOVAL TASK
LEFT	RIGHT	FIG.		
241AF <small>[1]</small>		(Fig- ure 104)	Electrical wiring, Conditioned air duct	(AMM TASK 53-01-02-000-801-A/ 400)
241BF			Conditioned air duct, Hydraulic tubing, Control cables	
241CF <small>[1]</small>			Electrical wiring, Conditioned air duct	
241DF			Electrical wiring, Conditioned air duct, Hydraulic tubing, Control cables	
241EF <small>[1]</small>			Electrical wiring, Conditioned air duct	
	242AF <small>[1]</small>		Electrical wiring, Conditioned air duct, Hydraulic tubing, Control cables, Reference pressure tube, Vacuum tube	
	242BF <small>[1]</small>		Electrical wiring, Hydraulic tubing, Control cables, DME-2 antenna, Reference pressure tube, Vacuum tube	
	242CF <small>[1]</small>		Electrical wiring, Hydraulic tubing, Control cables, Conditioned air duct, Reference pressure tube, Vacuum tube	
	242DF <small>[1]</small>		Electrical wiring, Hydraulic tubing, Control cables, Conditioned air duct, Conditioned air duct to gasper fan, Conditioned air ground connection valve, Reference pressure tube, Vacuum tube	

[1] Before you close this access panel, make sure that the fuel quantity indicating harness is in good condition. Refer to (TASK 28-41-00-210-801-A).

Table 104 - SUB-ZONE 250

PANEL IDENTIFICATION NUMBER			EQUIPMENT/COMPONENTS	REMOVAL TASK
LEFT	RIGHT	FIG.		
251AF [1]		(Fig- ure 105)	Electrical wiring, Conditioned air duct	(AMM TASK 53-01-02-000-801-A/ 400)
251BF			Hydraulic tubing, Control cables, Recirculation fan, Connection for distribution of conditioned air to aircraft	
251CF			Electrical wiring	
251DF			Wing stub, Hydraulic tubing, Vacuum pump connection, Control cables	
251EF			Electrical wiring	
251FF			Wing stub	
251GF			Electrical wiring	
251HF			APU fuel tubing, Engine fuel tubing, Control cables, Electrical wiring, Hydraulic tubing, Gasper fan, Muffler of the gasper fan	
251JF			Electrical wiring	
	252AF [1]		Hydraulic tubing, Control cables, Electrical wiring, Recirculation fan, Muffler of recirculation fan, Connection for distribution of conditioned air to aircraft, Conditioned air duct to gasper fan, Pressure reference tube, Vacuum tube	
	252BF		Wing stub, Electrical wiring, Hydraulic tubing, Conditioned air duct to gasper fan, Pressure reference tube, Vacuum tube	
	252CF		Wing stub, Electrical wiring, Control cables, Air conditioned duct to gasper fan, Pressure reference tube, Vacuum tube	
	252DF		Electrical wiring, Hydraulic tubing, Engine fuel tubing, Pressure reference tube, Vacuum tube, Conditioned air duct to gasper fan, Gasper shutoff valve	

[1] Before you close this access panel, make sure that the fuel quantity indicating harness is in good condition. Refer to (TASK 28-41-00-210-801-A).

Table 105 - SUB-ZONE 260

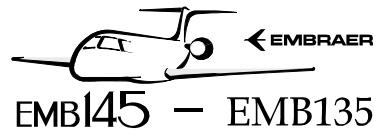
PANEL IDENTIFICATION NUMBER			EQUIPMENT/COMPONENTS	REMOVAL TASK
LEFT	RIGHT	FIG.		
261AF		(Figure 106)	Electrical wiring, Hydraulic tubing, Conditioned air duct to gasper distribution	(AMM TASK 53-01-02-000-801-A/400)
261BF			Control cables, APU fuel tubing, Engine fuel tubing, Hydraulic tubing, Electrical wiring, Conditioned air duct to gasper distribution, Bleed tubing	
261CF			Electrical wiring	
261DF			Electrical wiring, APU fuel tubing, Engine fuel tubing, Hydraulic tubing, Bleed tubing, Fill and overflow lines of the water tank, Tank drain-valve cable, Sink drain line, Heated drain	
	262AF		Electrical wiring, Engine fuel tubing, Hydraulic tubing, Bleed tubing, Control cables, Reference pressure tube, Vacuum tube, Conditioned air duct to gasper distribution	
	262BF		Electrical wiring, Engine fuel tubing, Hydraulic tubing, Bleed tubing, Control cables, Reference pressure tube, Vacuum tube, Conditioned air hose to aft electronic compartment	
	262CF		Electrical wiring, Engine fuel tubing, Hydraulic tubing, Bleed tubing, Control cables, Reference pressure tube, Vacuum tube, Conditioned air hose to aft electronic compartment, Waste drain hose, Waste service panel, Tank drain valve cable	

Table 106 - SUB-ZONE 270

PANEL IDENTIFICATION NUMBER			EQUIPMENT/COMPONENTS	REMOVAL TASK
LEFT	RIGHT	FIG.		
271AF		(Figure 107)	Bleed tubing, Control cables, Electrical wiring, APU fuel tubing, Engine fuel tubing, Hydraulic tubing	(AMM TASK 53-01-03-000-801-A/400)
271BF			Bleed tubing, Control cables, Electrical wiring, APU fuel tubing, Hydraulic tubing, Temperature Sensor Bleed.	
271CF			Control cables, Electrical wiring, APU fuel tubing, Hydraulic tubing, Reference pressure tube, Vacuum tube, Conditioned air hose to aft electronic compartment	
271DF			Control cables, Electrical wiring, APU fuel tubing, Reference pressure tubing, Vacuum tube	
271EF			Control cables, Electrical wiring, APU fuel tubing, Reference pressure tube, Vacuum tube, P0 Sensors	
271FF			Bleed tubing, APU fuel tubing, hydraulic tubing	
	272AF		Electrical wiring, Engine fuel tubing, Hydraulic tubing, Bleed tubing, Temperature Sensors, Control cables, Conditioned air hose to aft electronic compartment, Reference pressure tube, Vacuum tube	
	272BF		Control cables, Bleed tubing, Reference pressure tube, Vacuum tube, Conditioned air hose to aft electronic compartment, Ground pneumatic source connection	
	272CF		Electrical wiring, Static port, Static pressure transducer to FADEC	

3. Location of the Floor Access Panels

- A. The figures below give the location of the floor access panels:
- [Figure 101](#) - Floor panels - Sub-zones
 - [Figure 102](#) - Floor panels - Sub-zone 220
 - [Figure 103](#) - Floor panels - Sub-zone 230
 - [Figure 104](#) - Floor panels - Sub-zone 240

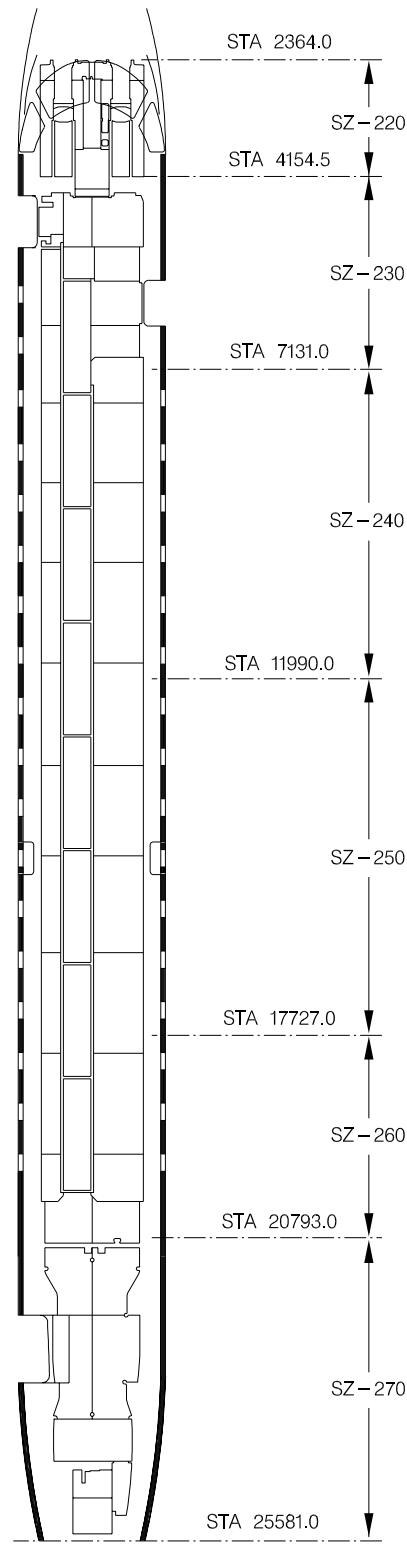


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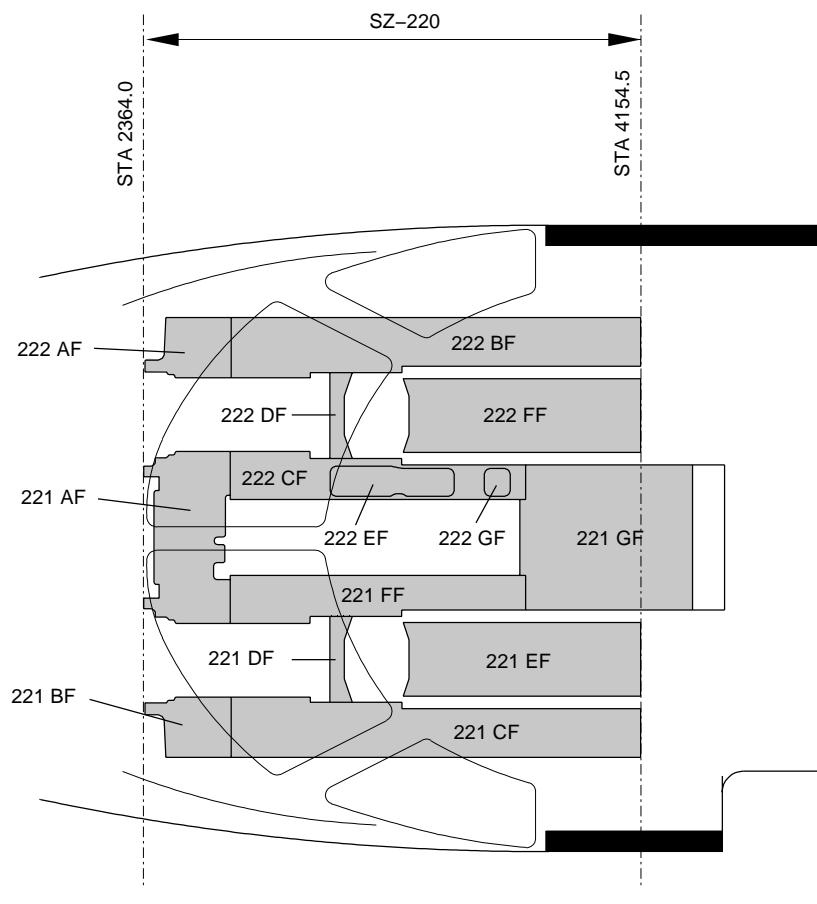
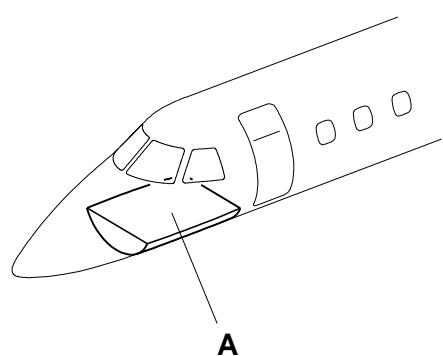
- [Figure 105](#) - Floor panels - Sub-zone 250
- [Figure 106](#) - Floor panels - Sub-zone 260
- [Figure 107](#) - Floor panels - Sub-zone 270

EFFECTIVITY: ALL
Floor Panels - Sub-zones
Figure 101



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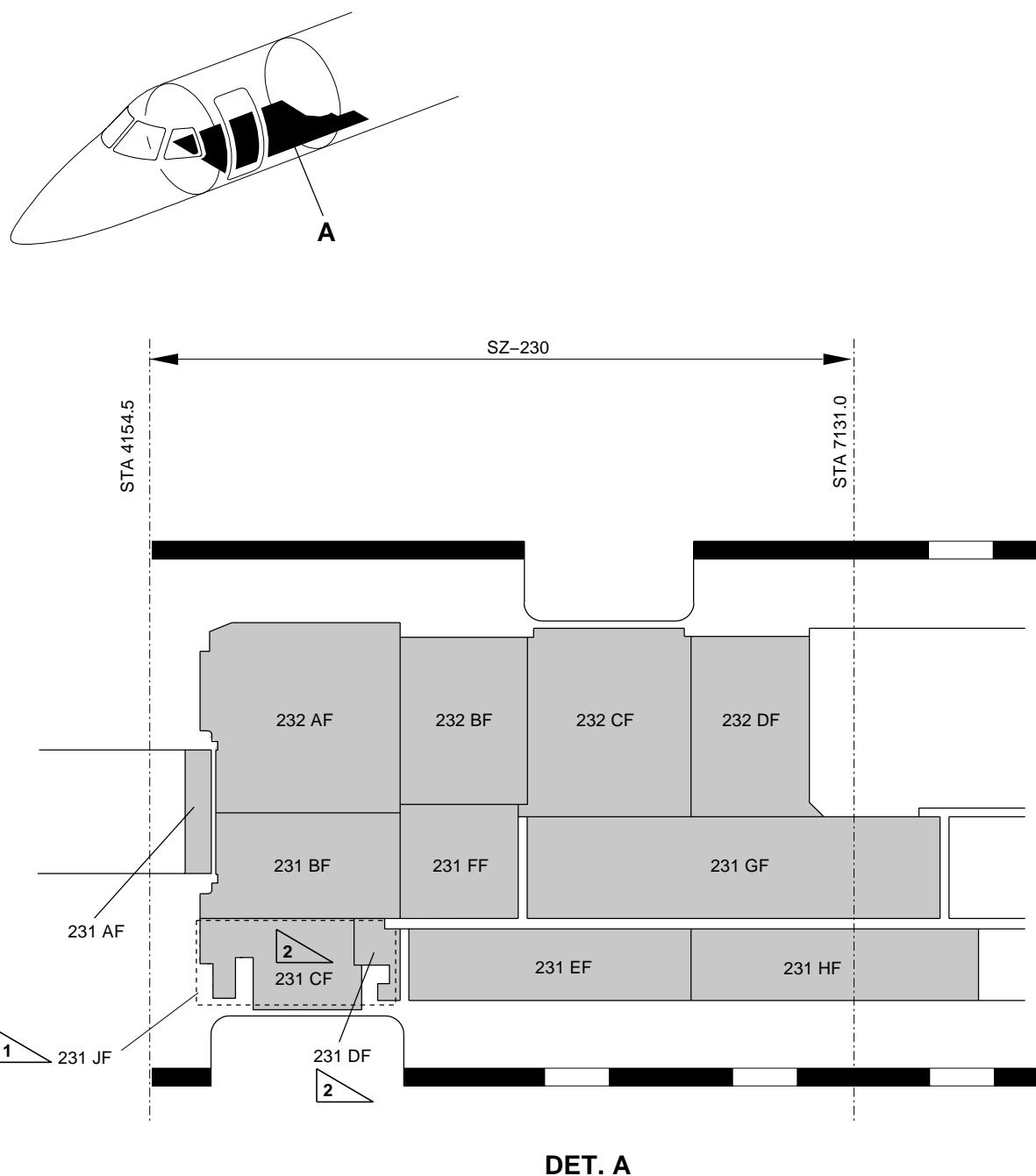
EFFECTIVITY: ALL
 Floor Panels - Sub-zone 220
 Figure 102



DET. A

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EFFECTIVITY: ALL
 Floor Panels - Sub-zone 230
 Figure 103

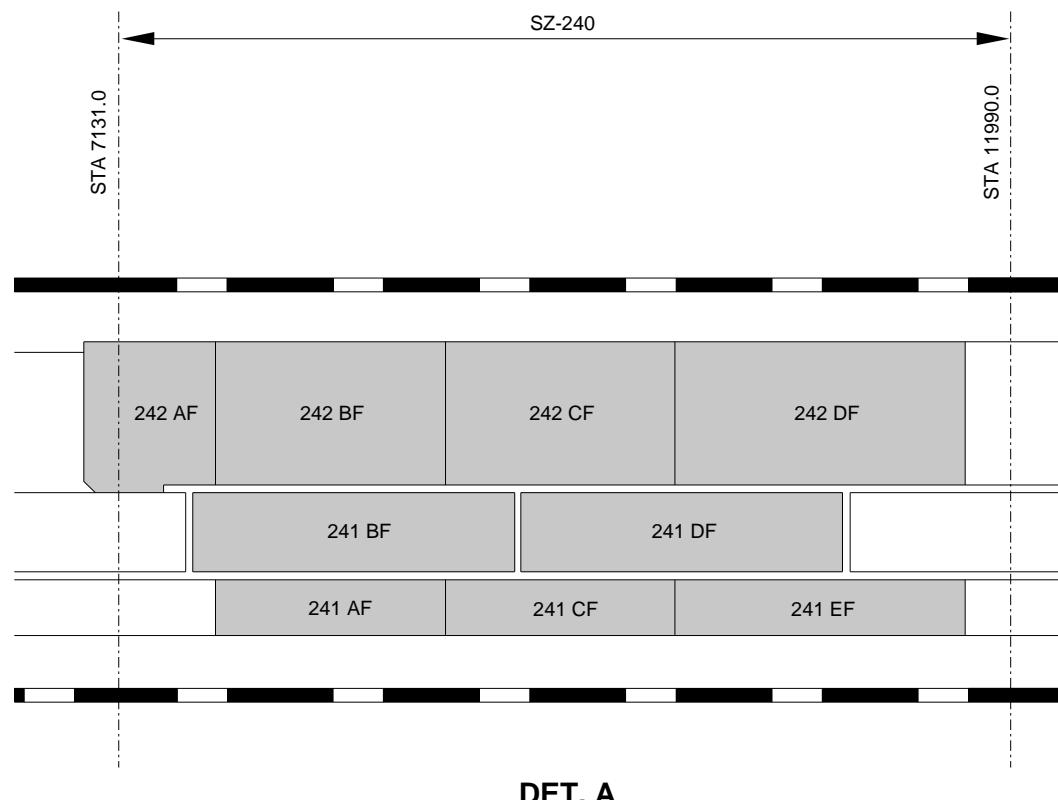
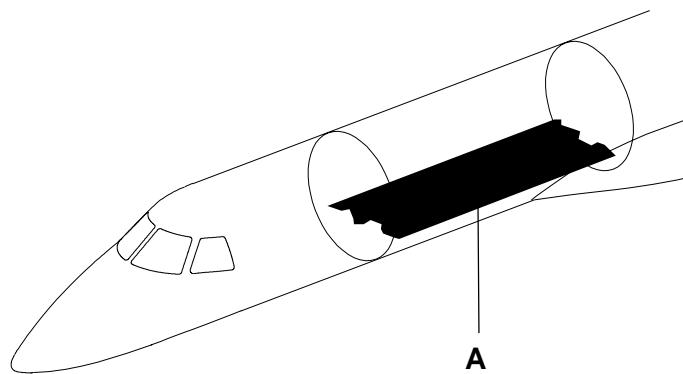


1 AIRCRAFT WITH SIDE HINGED DOOR.

2 AIRCRAFT WITH AIRSTAIRS DOOR.

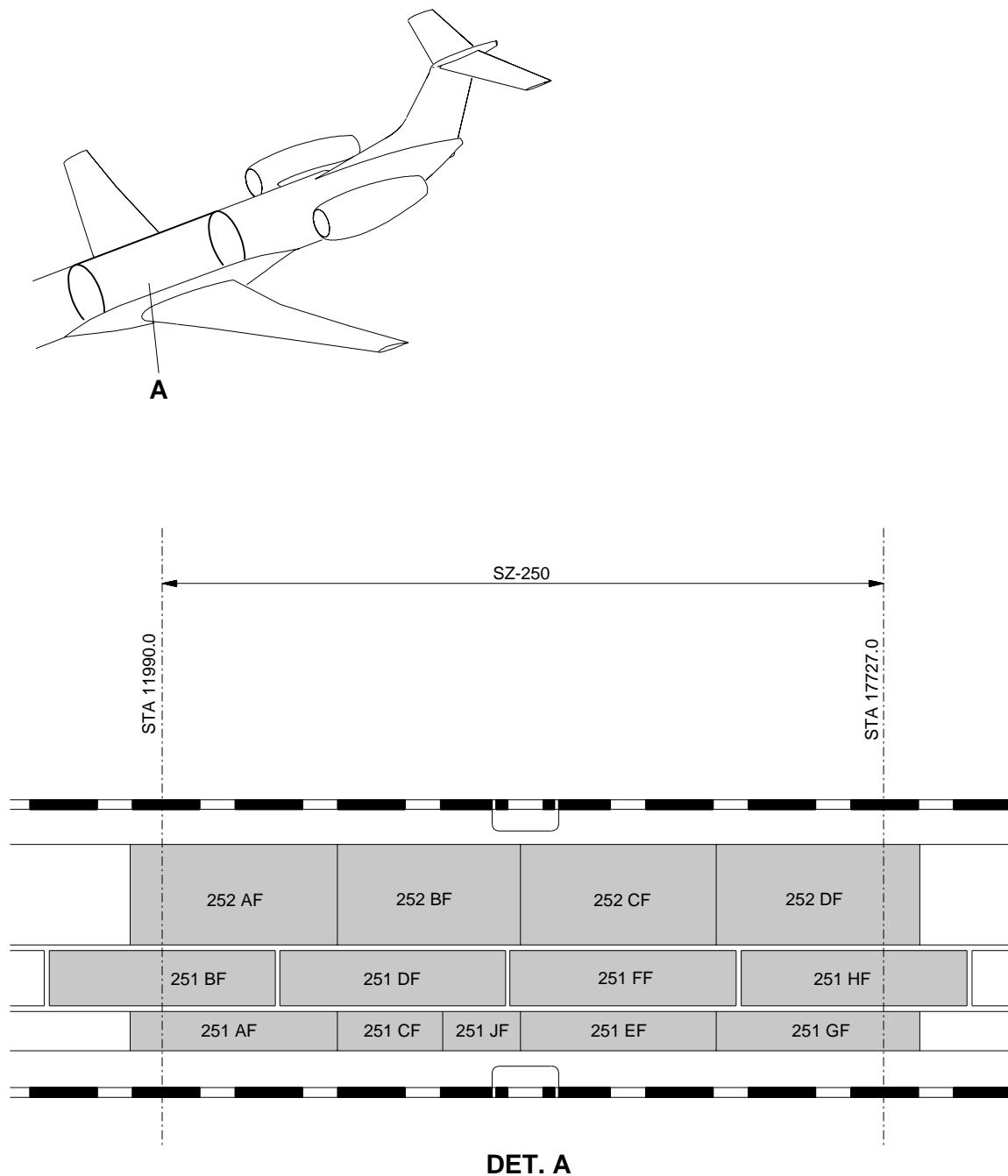
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EFFECTIVITY: ALL
 Floor Panels - Sub-zone 240
 Figure 104



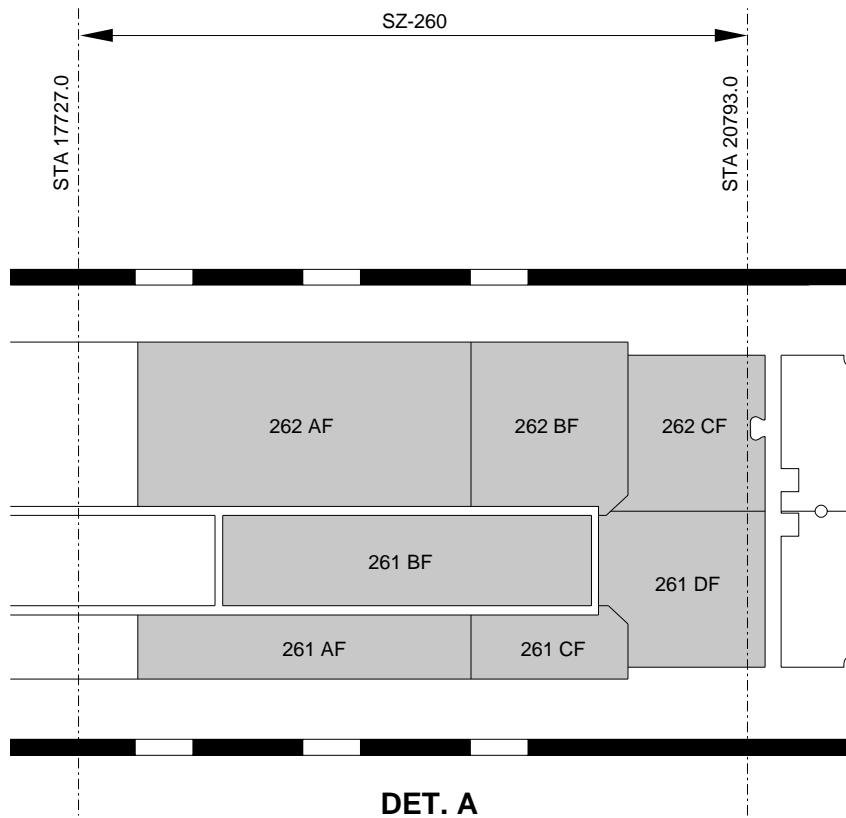
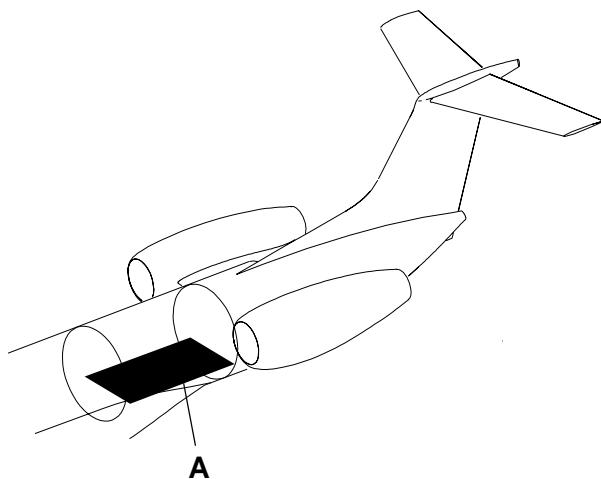
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EFFECTIVITY: ALL
Floor Panels - Sub-zone 250
Figure 105



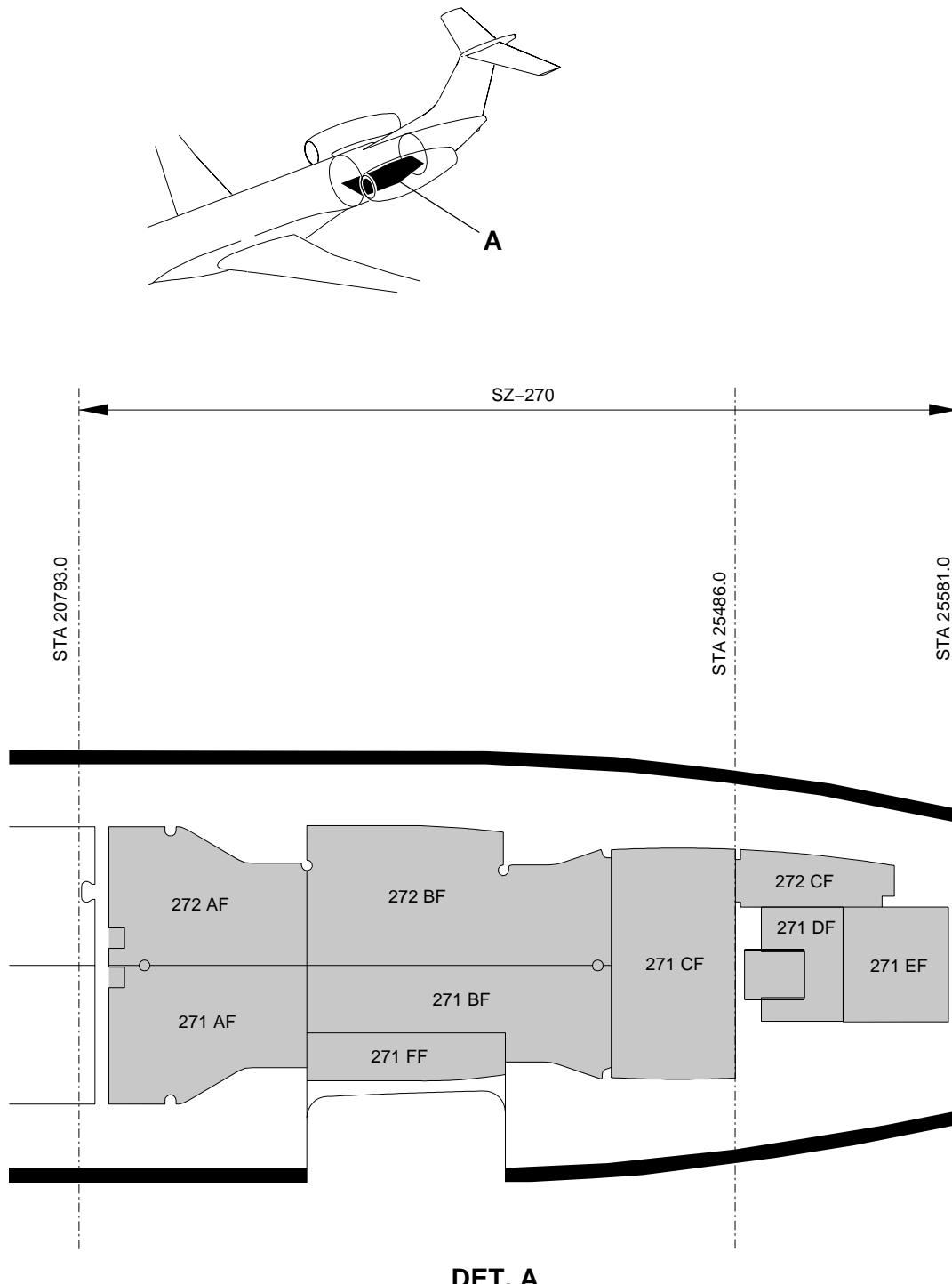
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EFFECTIVITY: ALL
 Floor Panels - Sub-zone 260
 Figure 106



145AMM060017.MCE A

EFFECTIVITY: ALL
Floor Panels - Sub-zone 270
Figure 107



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