



AIRCRAFT
MAINTENANCE MANUAL

FUSELAGE EXTERNAL ACCESS DOORS AND 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.

FUSELAGE EXTERNAL ACCESS DOORS AND PANELS - COMPONENT LOCATION
EFFECTIVITY: ACFT MODEL(S) EMB-145
2. List of Equipment and Components

CAUTION: BE CAREFUL WHEN YOU GET ACCESS TO THE FORWARD ELECTRONIC COMPARTMENT, NOT TO LEAN ON THE PITOT LINE. DAMAGE TO THE ANEMOMETRIC SYSTEM CAN OCCUR.

- A. Table 101 gives the equipment and components to which you can get access through the access doors and panels at EMB-145ER, EP and EU models.

Table 101 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
113AZ (Figure 101)		Access panel	AC generation inverter, Windshield wiper control, Electronic compartment shutoff valve, DC lamp dimmers
113BZ (Figure 101)		Access panel	-
113CZ (Figure 101)		Door	Fwd electronic compartment
113DL (Figure 102)		Door	Battery compartment, Battery relay boxes
113EL (Figure 102)		Door	External power receptacle and ramp inter-phone
	114AZ (Figure 101)	Access panel	Electronic compartment shutoff valve and inverters
	114BZ (Figure 101)	Access panel	Backup relay box, Backup battery
	114CR(Figure 102)	Door	Landing gear hydraulic system, Main door hydraulic system
123AL (Figure 102)		Door	Main door closing control. [1] External steering disengagement switch [2]
123BL (Figure 101)		Door	Autopilot servos of the aileron and elevator, Stall warning computer, Air conditioning digital temperature controller, Pedal assembly and transducers, Bellcranks, Torque tubes of elevator and rudder controls, Stick pusher servo motor, Avionics power diode box
	124AR (Figure 102)	Door	Oxygen external charging panel
155BZ (Figure 103)	156BZ (Figure 104)	Access panel	Electrical fuel pumps, Flap valves, Fuel low level sensor, Fuel temperature sensor, Suction check valve, Fuel tank unit, Motive flow flap valve, Motive flow line, Fueling fuel line, Feed fuel line, Vent valve line, Manifold, Fuel drain valve
155CZ (Figure 103)	156CZ (Figure 104)	Access panel	Electrical fuel pumps, Flap valves, Fuel low level sensor, Fuel temperature sensor, Suction check valve, Fuel tank unit, Motive flow flap valve, Motive flow line, Fueling fuel line, Feed fuel line, Vent valve line, Manifold, Fuel drain valve

[1] Aircraft with airstairs door.

[2] POST-MOD. S.B.145-32-0057.

Table 101 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
155DZ (Figure 109)	156DZ (Figure 110)	Access panel	Wheel brake normal hydraulic tubing, Aileron system 1 and 2 hydraulic tubing, air speed brake hydraulic tubing, spoiler hydraulic tubing, landing gear extension/retraction hydraulic tubing
155EZ (Figure 109)	156EZ (Figure 110)		Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155FZ (Figure 109)	156FZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points, Free-fall bellcrank
155GZ (Figure 109)	156GZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points, Free-fall bellcrank
155KZ (Figure 109)	156KZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points, Free-fall bellcrank
155LZ (Figure 109)	156LZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155MZ (Figure 109)	156MZ (Figure 110)	Access panel	Elevator and rudder control cables, FDR tri-axial accelerometer, Free-fall bellcrank
155QZ (Figure 109)	156QZ (Figure 110)	Access panel	Spar 3 - lower skin attachments
	191AR (Figure 112)	Door	Ground air conditioning connection
	191BR ^[4] (Figure 112)	Door	Fuel refueling
191CL (Figure 111)	191DR (Figure 112)	Access panel	Wing inspection light
191EL (Figure 111)	191FR (Figure 112)	Access panel	Air conditioning pack, Ram-air check valve, Low pressure switch and overpressure switch of the wing A/I system
191GL ^[4] (Figure 111)		Access panel	Ram-air Naca intake, Ram air valve
191HL (Figure 111)	191JR (Figure 112)	Access panel	Emergency light
191KL (Figure 111)	191LR (Figure 112)	Access panel	Air conditioning pack valve, Pack overpressure switch
191ML (Figure 111)	191NR (Figure 112)	Access panel	Air conditioning heat exchanger air outlet
191ZB ^[4] (Figure 111)		Fairing	Air conditioning pack valve, Pack overpressure switch, Air conditioning heat exchanger air outlet, Ram-air Naca intake, Ram air valve, Ground air conditioning connection, Fuel refueling
192AL ^[4] (Figure 111)	192BR ^[4] (Figure 112)	Access panel	Fuel shutoff valve engine and APU, Fuel thermal relieve valve, Fuel crossfeed sov, Defueling fuel sov, Control cables, Ground spoiler valve, Hydraulic system priority valve, Fuel vent tubing, Aileron solenoid manifold, Speed brake valve, Fuel refueling tube, Brake sov and control valves, Fuel line shroud drain, Differential pressure switch of the wing A/I system, Hydraulic system line 1, Hydraulic system line 2, Vent valve line
192CL (Figure 111)	192DR (Figure 112)	Door	Fuel tank drain valve
192EL (Figure 111)		Access panel	Strobe beacon light

[4] 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 101 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
	192LB ^[4] (Figure 111)	Fairing	Fuel shutoff valve engine and APU, Fuel thermal relieve valve, Fuel crossfeed sov, Defueling fuel sov, Control cables, Ground spoiler valve, Hydraulic system priority valve, Fuel vent tubing, Aileron solenoid manifold, Speed brake valve, Fuel refueling tube, Brake sov and control valves, Fuel line shroud drain, Differential pressure switch of the wing A/l system, Hydraulic system line 1, Hydraulic system line 2, Vent valve line, Fuel tank drain valve
193AL (Figure 111)		Access panel	FDMU, FECU, Pneumatic bleed tubing, Hydraulic tubing, Fuselage drain, Temperature signal conditioners, wheel brake emergency hydraulic tubing
193BL (Figure 111)	193CR (Figure 112)	Access panel	Hydraulic compartment
193DL (Figure 111)	193GR (Figure 112)	Door	Hydraulic filter
193EL (Figure 111)	193HR (Figure 112)	Door	Hydraulic oil level sight glass
193FL (Figure 111)	193JR (Figure 112)	Door	Hydraulic system service
193LL (Figure 111)		Access panel	Radio altimeter
	193MR (Figure 112)	Door	Potable water service
193ABB (Figure 111)		Fairing	Hydraulic system service, Radio altimeter, Hydraulic oil level sight glass, Hydraulic filter, FDMU, FECU, Pneumatic bleed tubing, Hydraulic tubing, Fuselage drain, Temperature signal conditioners, wheel brake emergency hydraulic tubing, Hydraulic compartment
195AL (Figure 111)	194AR (Figure 112)	Access panel	Pneumatic duct junction
195BL (Figure 111)	194BR (Figure 112)	Access panel	Emergency light
195CL (Figure 111)	194CR (Figure 112)	Access panel	Pneumatic duct junction
195EL (Figure 111)	194ER (Figure 112)	Fairing	Pneumatic duct junction, Emergency light
213AL (Figure 102)	214AR (Figure 102)	Access panel	Electronic compartment ventilation outlet
213BL (Figure 102)	214BR (Figure 102)	Access panel	AOA sensor
213CL (Figure 102)	214CR (Figure 102)	Access panel	Harness ice detector
	272AR (Figure 115)	Door	Waste service panel
	272BR (Figure 115)	Door	Ramp interphone
	272CR (Figure 115)	Door	Ground pneumatic engine starting
	272DR (Figure 115)	Door	FADECs, FDR, QAR, CVR, DAU, HSCU, HF antenna, ESU, EVM, P0 sensors, AFDAU. ^[3] Electropneumatic outflow valve and filter, Pneumatic outflow valve, Autopilot rudder servo, Pneumatic crossbleed valve, APU pneumatic tubing, APU fuel line, Horizontal stabilizer anti-icing tubing, Hydraulic tubing, Blow-out panel, Fire extinguishing tubing, Bottles and discharging piping of the baggage compartment fire extinguishing system

[3] Aircraft with AFDAU.

[4] 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.

CAUTION: BE CAREFUL WHEN YOU GET ACCESS TO THE FORWARD ELECTRONIC COMPARTMENT, NOT TO LEAN ON THE PITOT LINE. DAMAGE TO THE ANEMOMETRIC SYSTEM CAN OCCUR.

- B. Table 102 gives the equipment and components to which you can get access through the access doors and panels at EMB-145LR and LU models.

Table 102 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
113AZ (Figure 101)		Access panel	AC generation inverter, Windshield wiper control, Electronic compartment shutoff valve, DC lamp dimmers
113BZ (Figure 101)		Access panel	-
113CZ (Figure 101)		Door	Fwd electronic compartment
113DL (Figure 102)		Door	Battery compartment, Battery relay boxes
113EL (Figure 102)		Door	External power receptacle and ramp interphone
	114AZ (Figure 101)	Access panel	Electronic compartment shutoff valve and inverters
	114BZ (Figure 101)	Access panel	Backup relay box, Backup battery
	114CR (Figure 102)	Door	Landing gear hydraulic system, Main door hydraulic system
123AL (Figure 102)		Door	Main door closing control. [1] External steering disengagement switch [2]
123BL (Figure 101)		Door	Autopilot servos of the aileron and elevator, Stall warning computer, Air conditioning digital temperature controller, Pedal assembly and transducers, Bellcranks, Torque tubes of elevator and rudder controls, Stick pusher servo motor, Avionics power diode box
	124AR (Figure 102)	Door	Oxygen external charging panel
155BZ (Figure 105)	156BZ (Figure 106)	Access panel	Electrical fuel pumps, Flap valves, Fuel low level sensor, Fuel temperature sensor, Suction check valve, Fuel tank unit, Motive flow flap valve, Motive flow line, Fueling fuel line, Feed fuel line, Vent valve line, Manifold, Fuel drain valve, Dump valve
155CZ (Figure 105)	156CZ (Figure 106)	Access panel	Fuel drain line, Defueling fuel line, Fueling fuel line, Vent valve line
155DZ ^[4] (Figure 109)	156DZ ^[4] (Figure 110)	Access panel	Fuel shutoff valves engine and APU, Fuel crossfeed sov, Defueling fuel sov, Fuel temperature sensor, Aileron system 1 hydraulic tubing, Ground spoiler hydraulic tubing, Landing gear extension/retraction hydraulic tubing, wheel brake normal outboard hydraulic tubing
155EZ ^[4] (Figure 109)	156EZ ^[4] (Figure 110)		

[1] Aircraft with airstairs door.

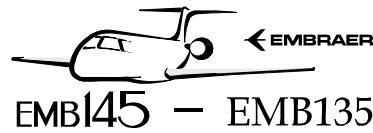
[2] POST-MOD. [S.B.145-32-0057](#).

[4] 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 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
155FZ (Figure 109)	156FZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155GZ (Figure 109)	156GZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155KZ (Figure 109)	156KZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points, Free-fall bellcrank
155LZ (Figure 109)	156LZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155MZ (Figure 109)	156MZ (Figure 110)	Access panel	Elevator and rudder control cables, FDR triaxial accelerometer, Free-fall bellcrank
155NZ (Figure 105)	156NZ (Figure 106)	Access panel	Wing fuel tank
155QZ (Figure 109)	156QZ (Figure 110)	Access panel	Spar 3 - lower skin attachments
	191AR (Figure 114)	Door	Ground air conditioning connection
	191BR ^[4] (Figure 114)	Door	Fuel refueling
191CL (Figure 113)	191DR (Figure 114)	Access panel	Wing inspection light
191EL (Figure 113)	191FR (Figure 114)	Access panel	Air conditioning pack, Ram air check valve, Low pressure switch and over-pressure switch of the wing A/I system, Hydraulic system 1 line, Hydraulic system 2 line
191GL ^[4] (Figure 113)		Access panel	Ram-air Naca intake, Ram air valve
191HL (Figure 113)	191JR (Figure 114)	Access panel	Emergency light
191KL (Figure 113)	191LR (Figure 114)	Access panel	Air conditioning pack valve, Pack over-pressure switch
191ML (Figure 113)	191NR (Figure 114)	Access panel	Air conditioning heat exchanger air outlet
191ZB ^[4] (Figure 113)		Fairing	Air conditioning heat exchanger air outlet, Air conditioning pack valve, Pack overpressure switch, Air conditioning pack, Ram air check valve, Low pressure switch and overpressure switch of the wing A/I system, Hydraulic system 1 line, Hydraulic system 2 line, Ground air conditioning connection, Fuel refueling, Emergency light, Wing inspection light, Air conditioning pack valve, Pack over-pressure switch
192AL ^[4] (Figure 113)	192BR ^[4] (Figure 114)	Access panel	Ground spoiler valve, Hydraulic system priority valve, Brake sov and control valves, Speed brake valve, Pressure switch, Hydraulic system 1 line, Hydraulic system 2 line, Dumping valve, Drip stick, Differential pressure switch of the wing A/I system
192CL (Figure 113)	192DR (Figure 114)	Door	Fuel tank drain valve
192EL (Figure 113)		Access panel	Strobe beacon light
192FL (Figure 113)	192GR (Figure 114)	Door	Drip stick

[4] 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.



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Table 102 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
192HL (Figure 113)	192JR(Figure 114)	Door	Fuel wing stub drain valve
192LB ^[4] (Figure 113)		Fairing	Fuel wing stub drain valve, Drip stick, Ground spoiler valve, Hydraulic system priority valve, Brake sov and control valves, Speed brake valve, Pressure switch, Hydraulic system 1 line, Hydraulic system 2 line, Dumping valve, Drip stick, Differential pressure switch of the wing A/I system, Fuel tank drain valve
193AL (Figure 113)		Access panel	FDMU, FECU, Pneumatic bleed tubing, Hydraulic tubing, Fuselage drain, Temperature signal conditioners, wheel brake emergency hydraulic tubing
193BL (Figure 113)	193CR (Figure 114)	Access panel	Hydraulic compartment
193DL (Figure 113)	193GR (Figure 114)	Door	Hydraulic filter
193EL (Figure 113)	193HR (Figure 114)	Door	Hydraulic oil level sight glass
193FL (Figure 113)	193JR (Figure 114)	Door	Hydraulic system service
193LL (Figure 113)		Access panel	Radio altimeter
	193MR (Figure 114)	Door	Potable water service
193ABB (Figure 113)		Fairing	Hydraulic system service, Hydraulic system service, Hydraulic oil level sight glass, Hydraulic filter, FDMU, FECU, Pneumatic bleed tubing, Hydraulic tubing, Fuselage drain, Temperature signal conditioners, wheel brake emergency hydraulic tubing, Hydraulic compartment, Potable water service
195AL (Figure 113)	194AR (Figure 114)	Access panel	Pneumatic duct junction
195BL (Figure 113)	194BR (Figure 114)	Access panel	Emergency light
195CL (Figure 113)	194CR (Figure 114)	Access panel	Pneumatic duct junction
195EL (Figure 113)	194ER (Figure 114)	Fairing	Pneumatic duct junction, Emergency light
213AL (Figure 102)	214AR (Figure 102)	Access panel	Electronic compartment ventilation outlet
213BL (Figure 102)	214BR (Figure 102)	Access panel	AOA sensor
213CL (Figure 102)	214CR (Figure 102)	Access panel	Harness ice detector
	272AR (Figure 115)	Door	Waste service panel
	272BR (Figure 115)	Door	Ramp interphone
	272CR (Figure 115)	Door	Ground pneumatic engine starting
	272DR (Figure 115)	Door	FADECs, FDR, QAR, CVR, DAU, HSCU, HF antenna, ESU, EVM, P0 sensors, AFDAU. ^[3] Electropneumatic outflow valve and filter, Pneumatic outflow valve, Autopilot rudder servo, Pneumatic crossbleed valve, APU pneumatic tubing, APU fuel line, Horizontal stabilizer anti-icing tubing, Hydraulic tubing, Blow-out panel, Engine fire-extinguishing tubing, Bottles and discharging piping of the baggage compartment fire extinguishing system

[3] Aircraft with AFDAU.

[4] 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.

CAUTION: BE CAREFUL WHEN YOU GET ACCESS TO THE FORWARD ELECTRONIC COMPARTMENT, NOT TO LEAN ON THE PITOT LINE. DAMAGE TO THE ANEMOMETRIC SYSTEM CAN OCCUR.

- C. Table 103 gives the equipment and components to which you can get access through the access doors and panels at EMB-145MR and MP models.

Table 103 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
113AZ (Figure 101)		Access panel	AC generation inverter, Windshield wiper control, Electronic compartment shutoff valve, DC lamp dimmers
113BZ (Figure 101)		Access panel	-
113CZ (Figure 101)		Door	Fwd electronic compartment
113DL (Figure 102)		Door	Battery compartment, Battery relay boxes
113EL (Figure 102)		Door	External power receptacle and ramp interphone
	114AZ (Figure 101)	Access panel	Electronic compartment shutoff valve and inverters
	114BZ (Figure 101)	Access panel	Backup relay box, Backup battery
	114CR (Figure 102)	Door	Landing gear hydraulic system, Main door hydraulic system
123AL (Figure 102)		Door	Main door closing control. [1] External steering disengagement switch [2]
123BL (Figure 101)		Door	Autopilot servos of the aileron and elevator, Stall warning computer, Air conditioning digital temperature controller, Pedal assembly and transducers, Bellcranks, Torque tubes of elevator and rudder controls, Stick pusher servo motor, Avionics power diode box
	124AR (Figure 102)	Door	Oxygen external charging panel
155BZ (Figure 107)	156BZ (Figure 108)	Access panel	Electrical fuel pumps, Flap valves, Fuel low level sensor, Fuel temperature sensor, Suction check valve, Fuel tank unit, Motive flow flap valve, Motive flow line, Fueling fuel line, Feed fuel line, Vent valve line, Manifold, Fuel drain valve, Dump valve
155CZ [4] (Figure 107)	156CZ [4] (Figure 108)	Access panel	Electrical fuel pumps, Flap valves, Fuel low level sensor, Fuel temperature sensor, Suction check valve, Fuel tank unit, Motive flow flap valve, Motive flow line, Fueling fuel line, Feed fuel line, Vent valve line, Manifold, Fuel drain valve

[1] Aircraft with airstairs door.

[2] POST-MOD. [S.B.145-32-0057](#).

[4] 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 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
155DZ ^[4] (Figure 109)	156DZ ^[4] (Figure 110)	Access panel	Wheel brake normal hydraulic tubing, Aileron system 1 and 2 hydraulic tubing, air speed brake hydraulic tubing, spoiler hydraulic tubing, landing gear extension/retraction hydraulic tubing
155EZ ^[4] (Figure 109)	156EZ ^[4] (Figure 110)		
155FZ (Figure 109)	156FZ (Figure 109)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155GZ (Figure 109)	156GZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points, Free-fall bellcrank
155KZ (Figure 109)	156KZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155LZ (Figure 109)	156LZ (Figure 110)	Access panel	Engine/APU fuel lines, Engine/APU fuel lines shroud drain line, Elevator and rudder control cables, Wing attachment points
155MZ (Figure 109)	156MZ (Figure 110)	Access panel	Elevator and rudder control cables, FDR triaxial accelerometer, Free-fall bellcrank
155QZ (Figure 109)	156QZ (Figure 110)	Access panel	Spar 3 - lower skin attachments
	191AR (Figure 112)	Door	Ground air conditioning connection
	191BR ^[4] (Figure 112)	Door	Fuel refueling
191CL (Figure 111)	191DR (Figure 112)	Access panel	Wing inspection light
191EL (Figure 111)	191FR (Figure 112)	Access panel	Air conditioning pack, Ram air check valve, Low pressure switch and overpressure switch of the wing A/I system, Hydraulic system 1 line, Hydraulic system 2 line
191GL ^[4] (Figure 111)		Access panel	Ram-air Naca intake, Ram air valve
191HL (Figure 111)	191JR (Figure 112)	Access panel	Emergency light
191KL (Figure 111)	191LR (Figure 112)	Access panel	Air conditioning pack valve, Pack overpressure switch
191ML (Figure 111)	191NR (Figure 112)	Access panel	Air conditioning heat exchanger air outlet
191ZB ^[4] (Figure 111)		Fairing	Air conditioning heat exchanger air outlet, Air conditioning pack valve, Pack overpressure switch, Emergency light, Ram-air Naca intake, Ram air valve, Air conditioning pack, Ram air check valve, Low pressure switch and overpressure switch of the wing A/I system, Hydraulic system 1 line, Hydraulic system 2 line, Wing inspection light, Fuel refueling, Ground air conditioning connection

[4] 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 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
192AL ^[4] (Figure 111)	192BR ^[4] (Figure 112)	Access panel	Fuel shutoff valve engine and APU, Fuel thermal relieve valve, Fuel crossfeed sov, Defueling fuel sov, Control cables, Ground spoiler valve, Hydraulic system priority valve, Brake sov and control valves, Speed brake valve, Pressure switch, Hydraulic system 1 line, Hydraulic system 2 line, Dumping valve, Drip stick, Differential pressure switch of the wing A/I system, Fuel vent tubing, Aileron solenoid manifold, Fuel refueling tube, Fuel line shroud drain
192CL (Figure 111)	192DR (Figure 112)	Door	Fuel tank drain valve
192EL (Figure 111)		Access panel	Strobe beacon light
192FL (Figure 113)	192GR (Figure 114)	Door	Drip stick
192HL (Figure 113)	192JR (Figure 114)	Door	Fuel wing stub drain valve
192LB ^[4] (Figure 111)		Fairing	Fuel shutoff valve engine and APU, Fuel thermal relieve valve, Fuel crossfeed sov, Defueling fuel sov, Control cables, Ground spoiler valve, Hydraulic system priority valve, Brake sov and control valves, Speed brake valve, Pressure switch, Hydraulic system 1 line, Hydraulic system 2 line, Dumping valve, Drip stick, Differential pressure switch of the wing A/I system, Fuel vent tubing, Aileron solenoid manifold, Fuel refueling tube, Fuel line shroud drain, Fuel tank drain valve
193AL (Figure 111)		Access panel	FDMU, FECU, Pneumatic bleed tubing, Hydraulic tubing, Fuselage drain, Temperature signal conditioners, wheel brake emergency hydraulic tubing
193BL (Figure 111)	193CR (Figure 112)	Access panel	Hydraulic compartment
193DL (Figure 111)	193GR (Figure 112)	Door	Hydraulic filter
193EL (Figure 111)	193HR (Figure 112)	Door	Hydraulic oil level sight glass
193FL (Figure 111)	193JR (Figure 112)	Door	Hydraulic system service
193LL (Figure 111)		Access panel	Radio altimeter
	193MR (Figure 112)	Door	Potable water service
193ABB (Figure 111)		Fairing	Radio altimeter, Potable water service, Hydraulic system service, Hydraulic oil level sight glass, Hydraulic oil level sight glass, FDMU, FECU, Pneumatic bleed tubing, Hydraulic tubing, Fuselage drain, Temperature signal conditioners, wheel brake emergency hydraulic tubing, Hydraulic compartment
195AL (Figure 111)	194AR (Figure 112)	Access panel	Pneumatic duct junction
195BL (Figure 111)	194BR (Figure 112)	Access panel	Emergency light

[4] 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.

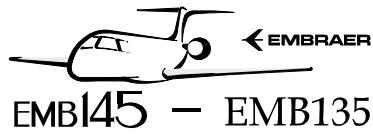
Table 103 - MAJOR ZONES 100 AND 200 - FUSELAGE OUTSIDE (Continued)

DOOR OR PANEL IDENTIFICATION NUMBER		TYPE OF ACCESS	EQUIPMENT/COMPONENTS
LEFT	RIGHT		
195CL (Figure 111)	194CR (Figure 112)	Access panel	Pneumatic duct junction
195EL (Figure 111)	194ER (Figure 112)	Fairing	Pneumatic duct junction, Emergency light
213AL (Figure 102)	214AR (Figure 102)	Access panel	Electronic compartment ventilation outlet
213BL (Figure 102)	214BR (Figure 102)	Access panel	AOA sensor
213CL (Figure 102)	214CR (Figure 102)	Access panel	Harness ice detector
	272AR (Figure 115)	Door	Waste service panel
	272BR (Figure 115)	Door	Ramp interphone
	272CR (Figure 115)	Door	Ground pneumatic engine starting
	272DR (Figure 115)	Door	FADECs, FDR, QAR, CVR, DAU, HSCU, HF antenna, ESU, EVM, P0 sensors, AFDAU. ^[3] Electropneumatic outflow valve and filter, Pneumatic outflow valve, Auto-pilot rudder servo, Pneumatic cross-bleed valve, APU pneumatic tubing, APU fuel line, Horizontal stabilizer anti-icing tubing, Hydraulic tubing, Blow-out panel, Engine fire-extinguishing tubing, Bottles and discharging piping of the baggage compartment fire extinguishing system

[3] Aircraft with AFDAU.

3. Location of the Access Doors and Panels

- A. The figures below give the location of the access doors and panels:
- [Figure 101](#) - Nose Landing Gear Compartment Access Doors and Panels
 - [Figure 102](#) - Forward Fuselage External Access Doors and Panels
 - [Figure 103](#) - Wing Stub Access Doors and Panels (LH) - Applicable to EMB-145ER, EP and EU models
 - [Figure 104](#) - Wing Stub Access Doors and Panels (RH) - Applicable to EMB-145ER, EP and EU models
 - [Figure 105](#) - Wing Stub Access Doors and Panels (LH) - Applicable to EMB-145LR and LU models
 - [Figure 106](#) - Wing Stub Access Doors and Panels (RH) - Applicable to EMB-145LR and LU models
 - [Figure 107](#) - Wing Stub Access Doors and Panels (LH) - Applicable to EMB-145MP and MR models
 - [Figure 108](#) - Wing Stub Access Doors and Panels (RH) - Applicable to EMB-145MP and MR models
 - [Figure 109](#) - Main Landing Gear Compartment Access Doors and Panels (LH)



EMB145 - EMB135

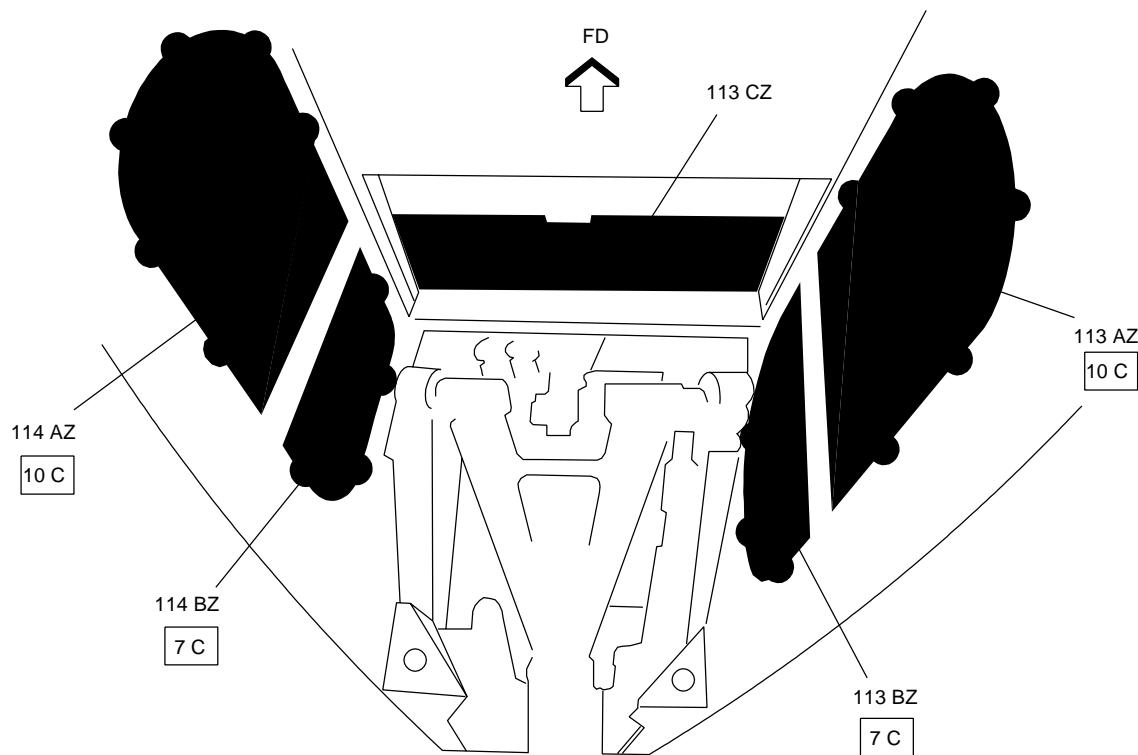
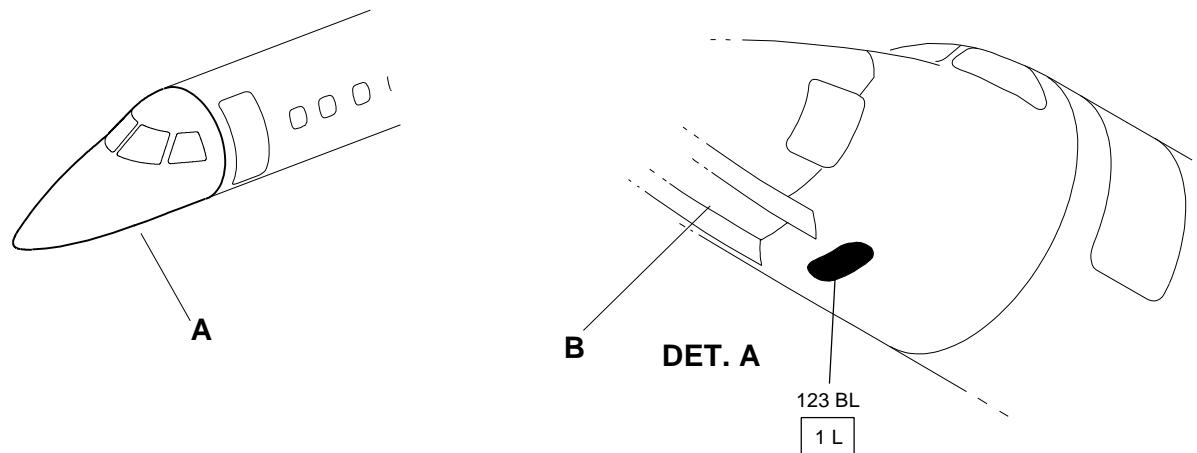
AIRCRAFT
MAINTENANCE MANUAL

- [Figure 110](#) - Main Landing Gear Compartment Access Doors and Panels (RH)
- [Figure 111](#) - Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH) - Applicable to EMB-145ER, EP, and EU models
- [Figure 112](#) - Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH) - Applicable to EMB-145ER, EP, and EU models
- [Figure 113](#) - Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH) - Applicable to EMB-145MP, MR, LR, and LU models
- [Figure 114](#) - Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH) - Applicable to EMB-145MP, MR, LR, and LU models
- [Figure 115](#) - Rear Fuselage External Access Doors and Panels

EFFECTIVITY: ALL

Nose Landing Gear Compartment Access Doors and Panels

Figure 101

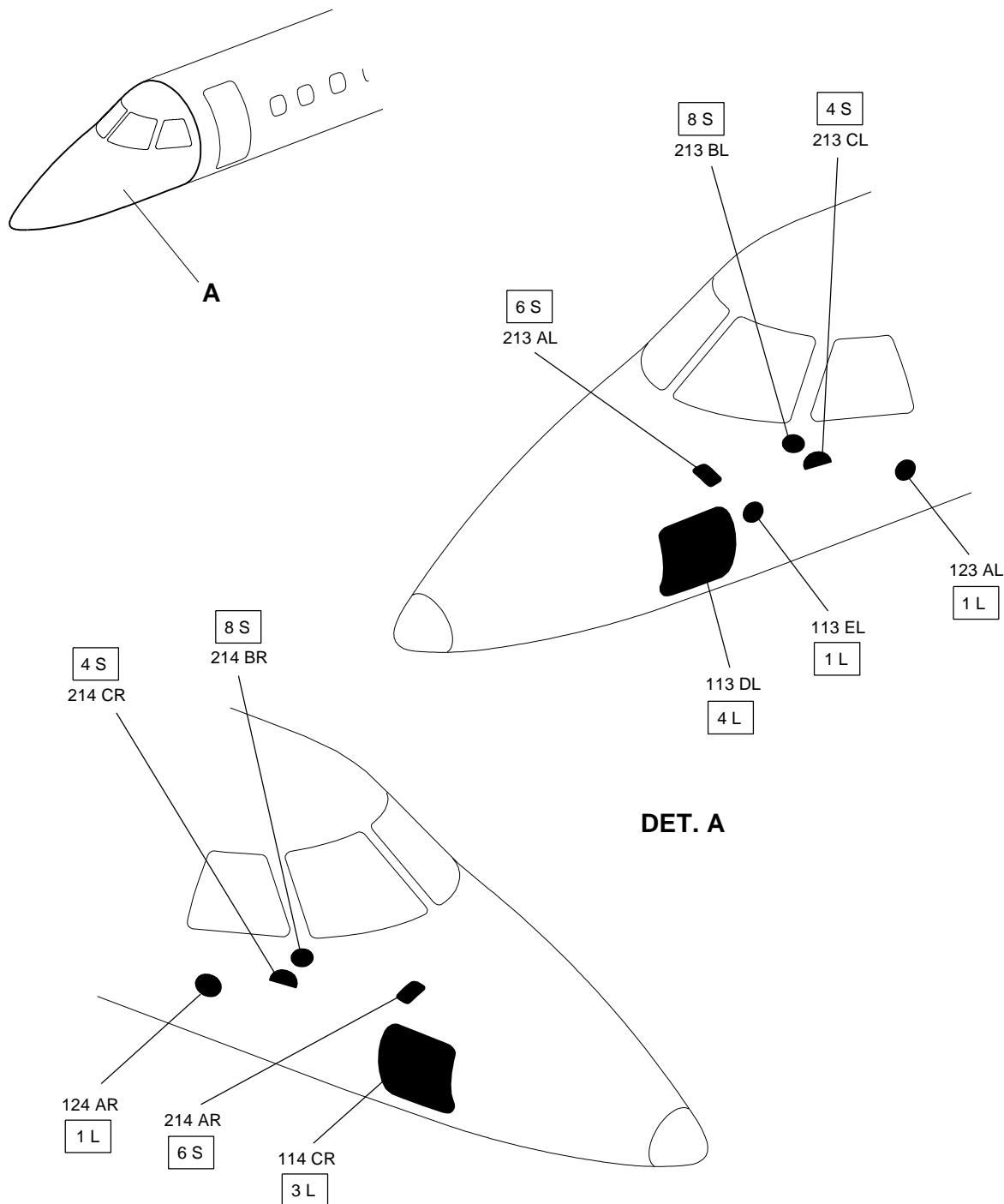

DET. B

145AMM060032.MCE A

EFFECTIVITY: ALL

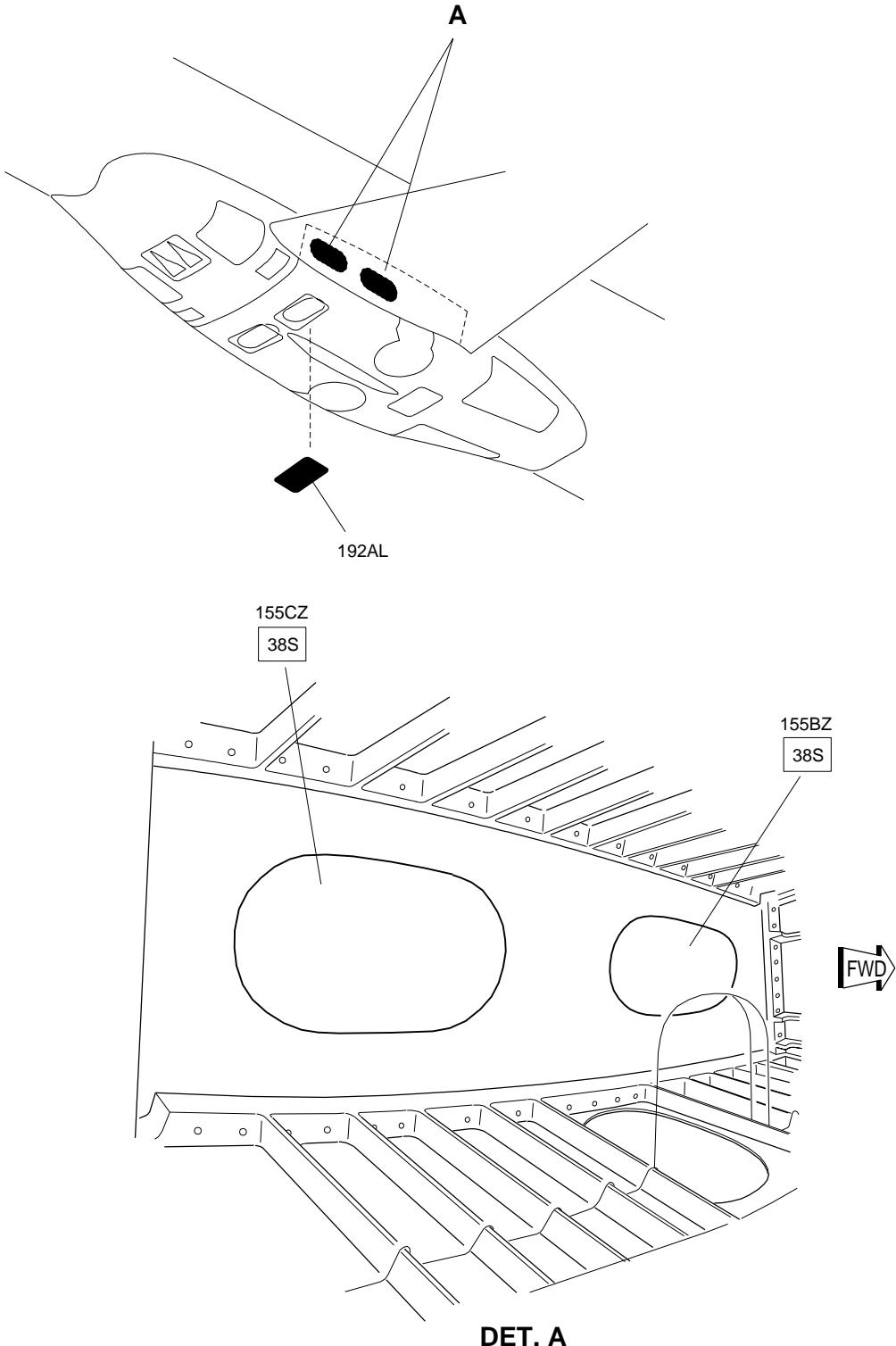
Forward Fuselage External Access Doors and Panels

Figure 102



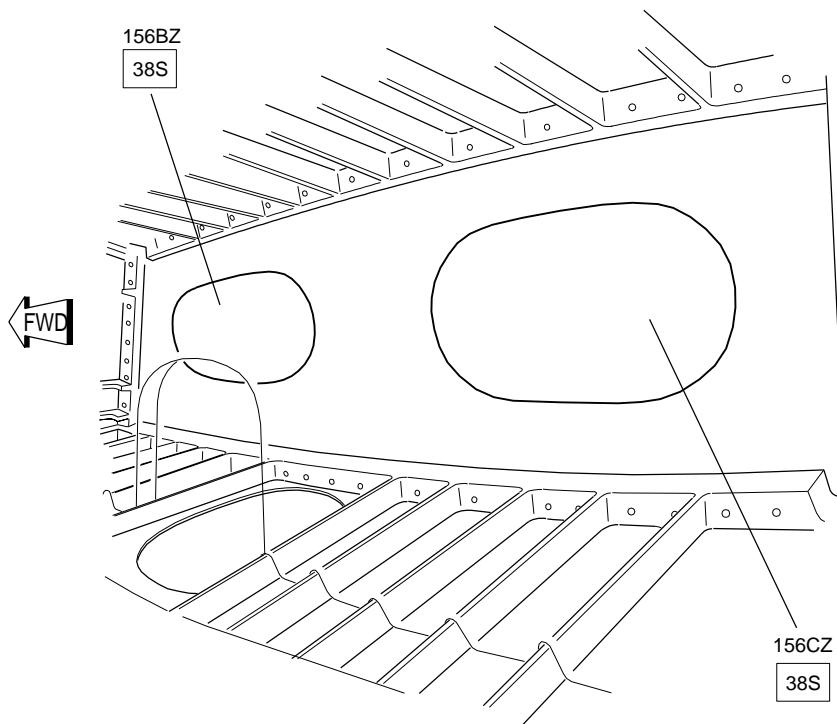
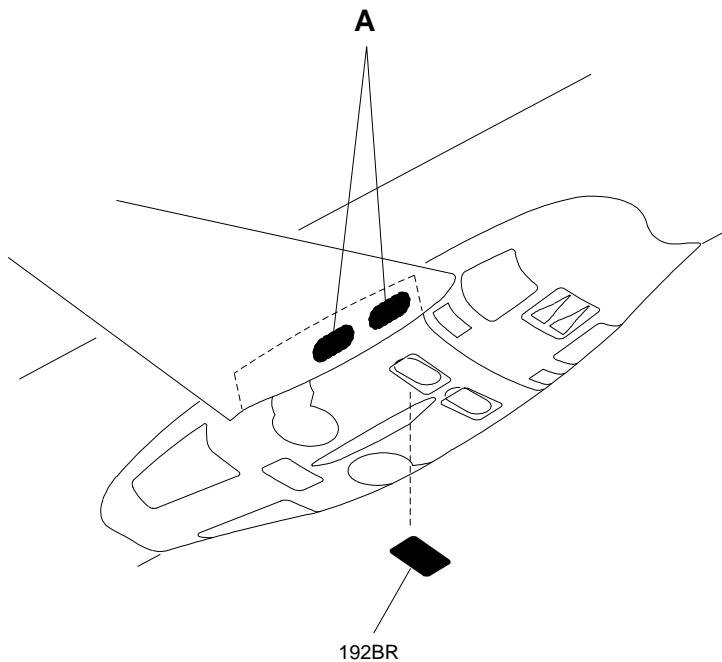
EM145AMM060171.DGN

EFFECTIVITY: EMB-145ER, EU and EP models
Wing Stub Access Doors and Panels (LH)
Figure 103



145AMM060030.MCE B

EFFECTIVITY: EMB-145ER, EU and EP models
 Wing Stub Access Doors and Panels (RH)
 Figure 104

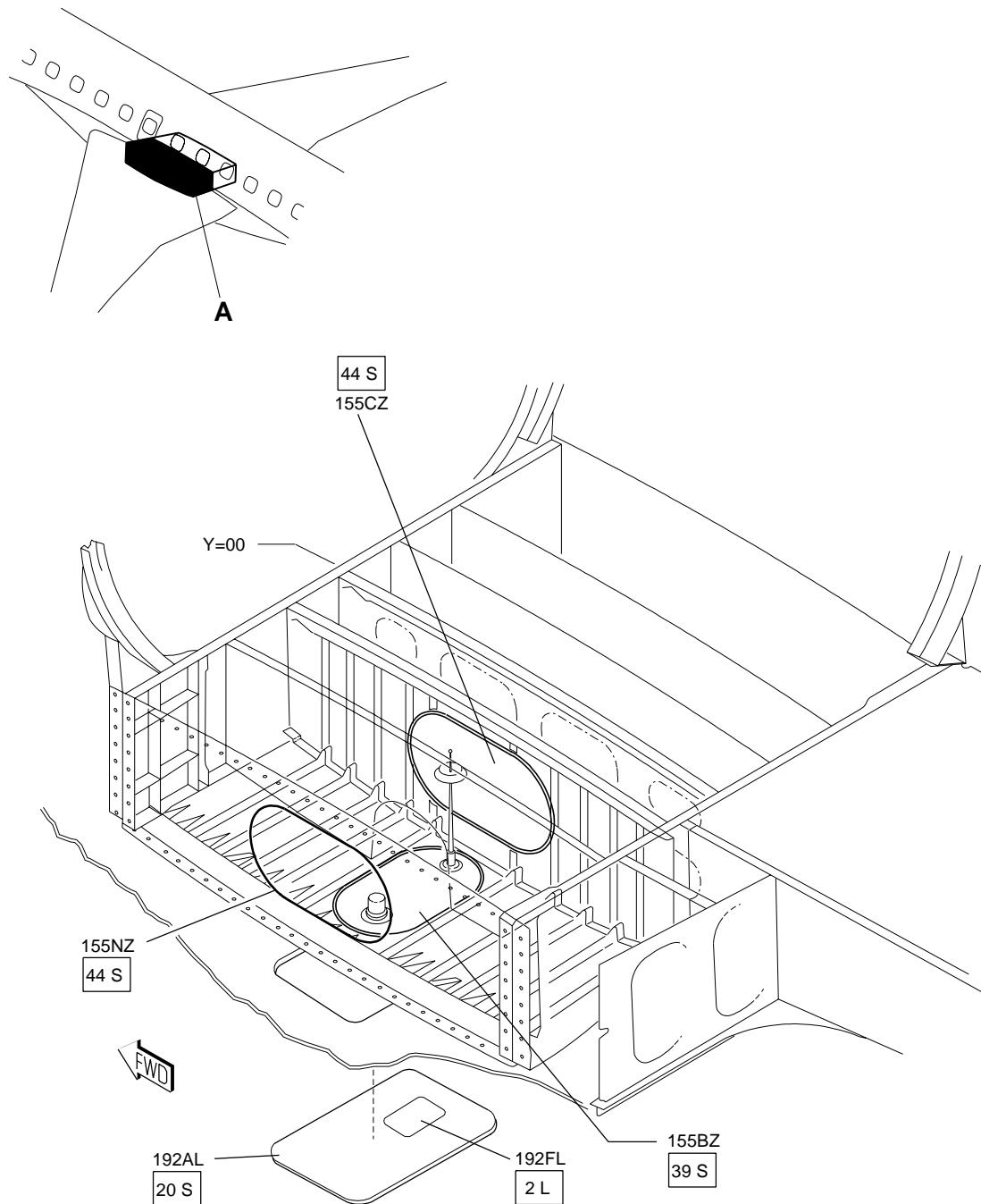

DET. A

145AMM060031.MCE B

EFFECTIVITY: EMB-145LR and LU models

Wing Stub Access Doors and Panels (LH)

Figure 105



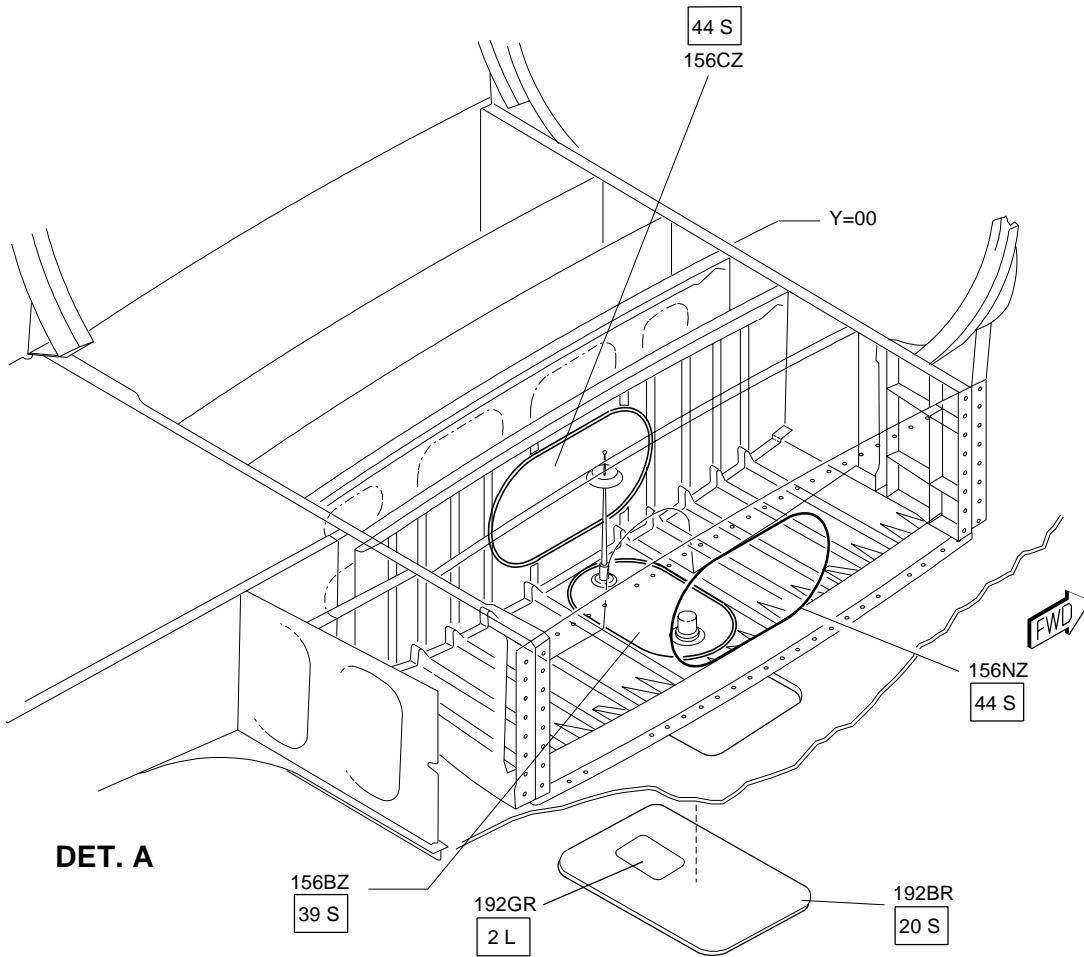
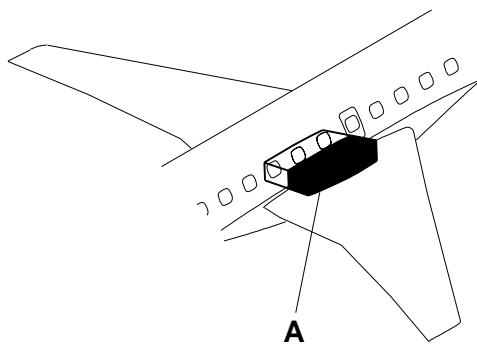
DET. A

145AMM060069A.MCE

EFFECTIVITY: EMB-145LR and LU models

Wing Stub Access Doors and Panels (RH)

Figure 106

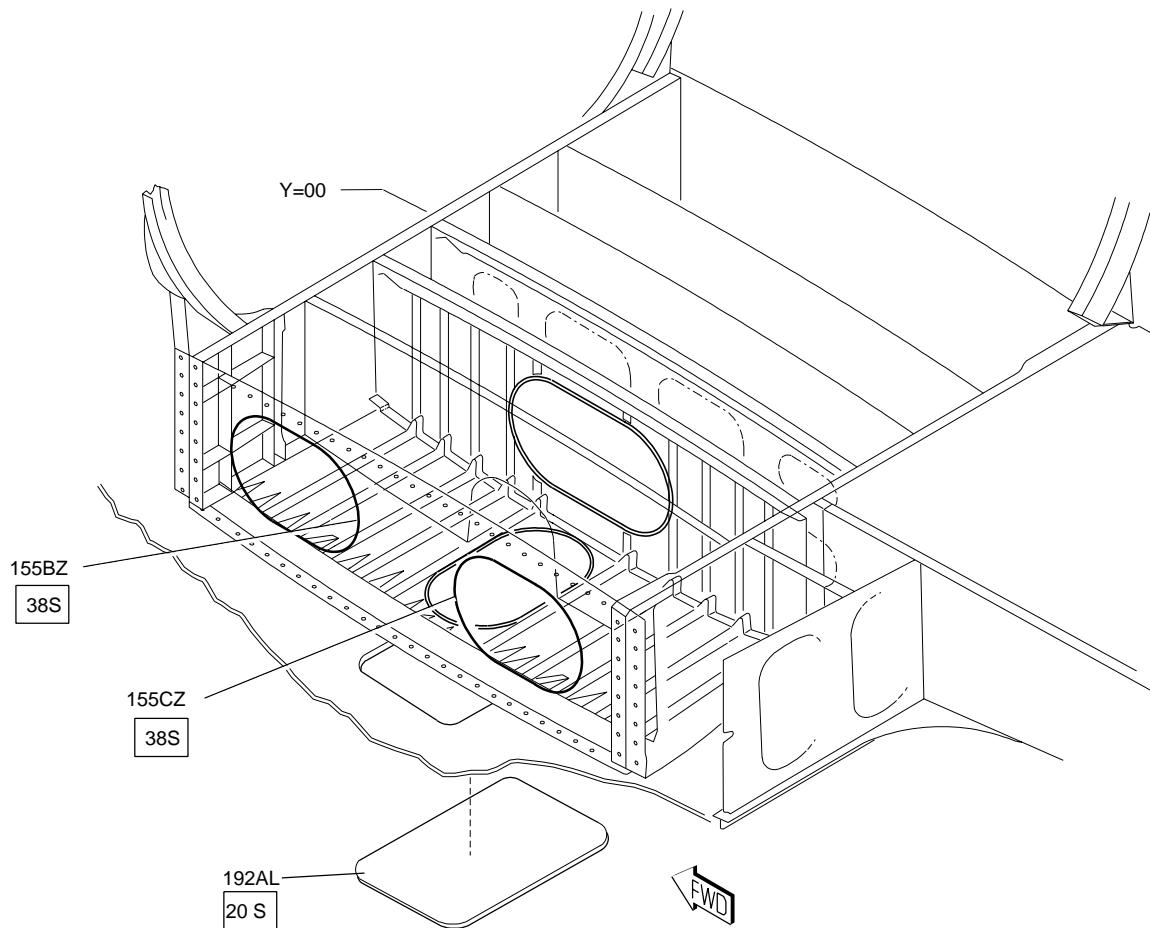
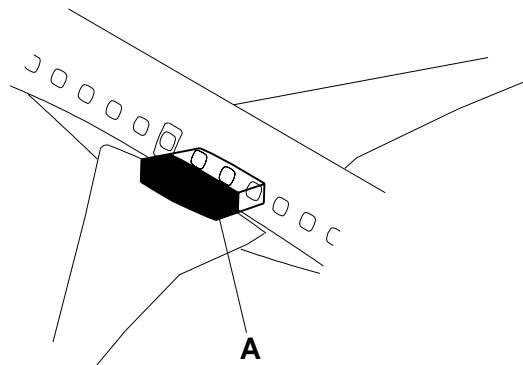


145AMM060070.MCE A

EFFECTIVITY: EMB-145MP and MR models

Wing Stub Access Doors and Panels (LH)

Figure 107



DET. A

145AMM060209.MCE

EMB-145 - AMM 1285

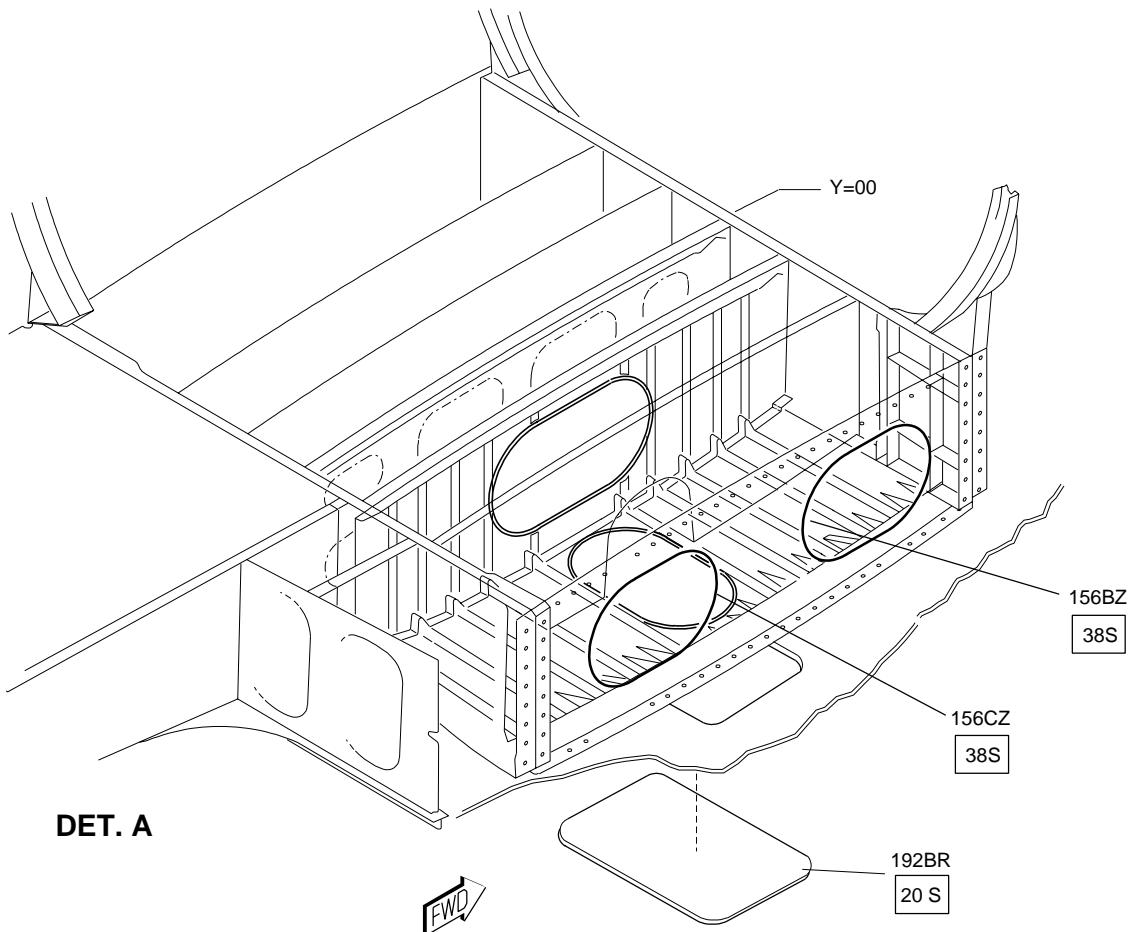
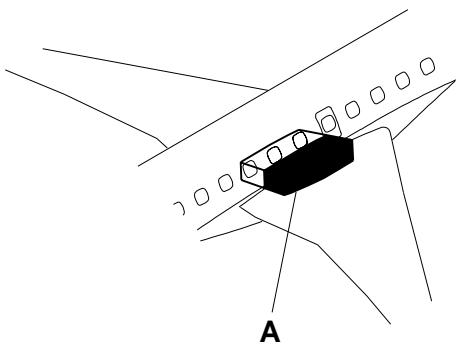
06-41-01

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EFFECTIVITY: EMB-145MP and MR models

Wing Stub Access Doors and Panels (RH)

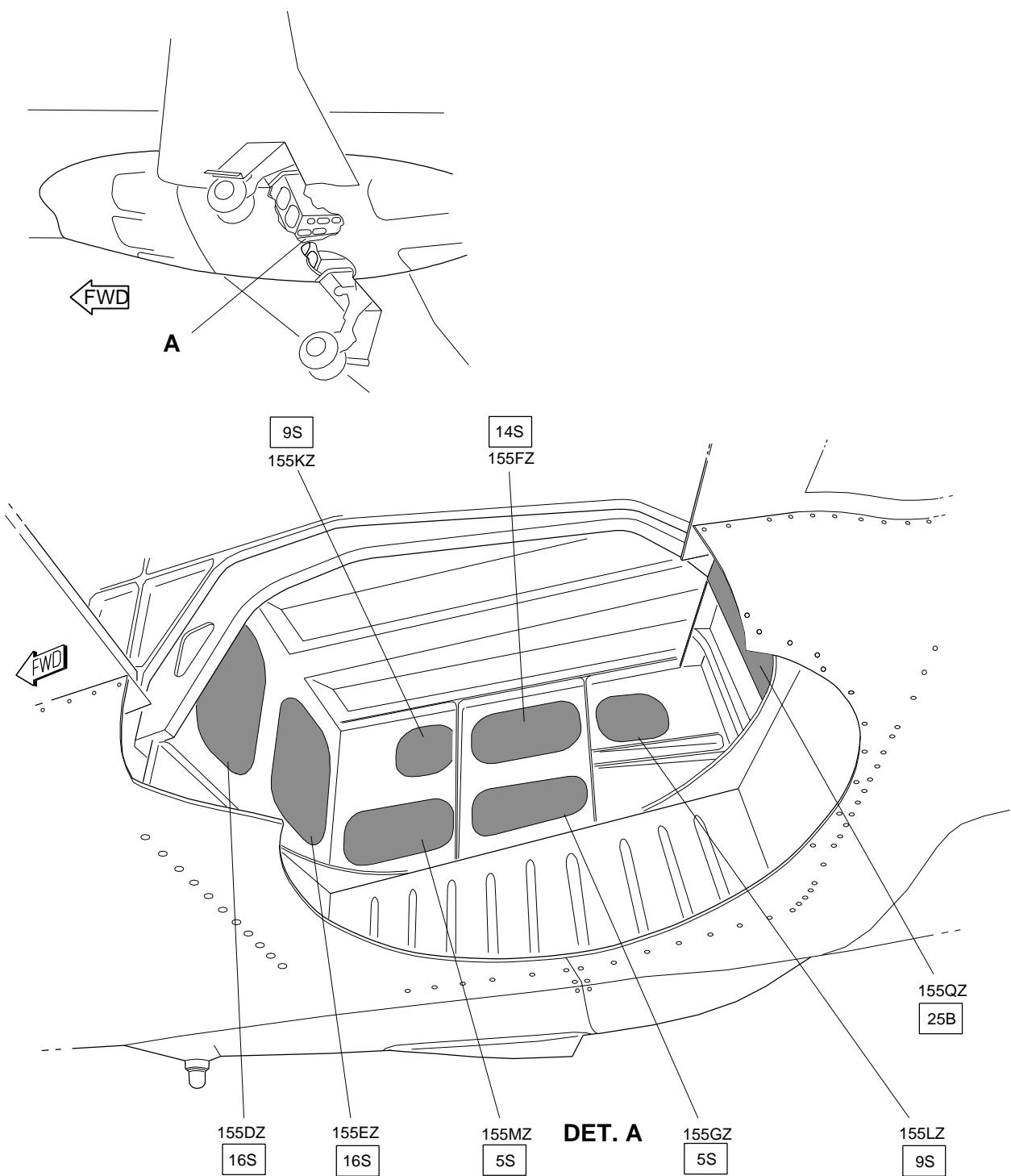
Figure 108



EFFECTIVITY: ALL

Main Landing Gear Compartment Access Doors and Panels (LH)

Figure 109

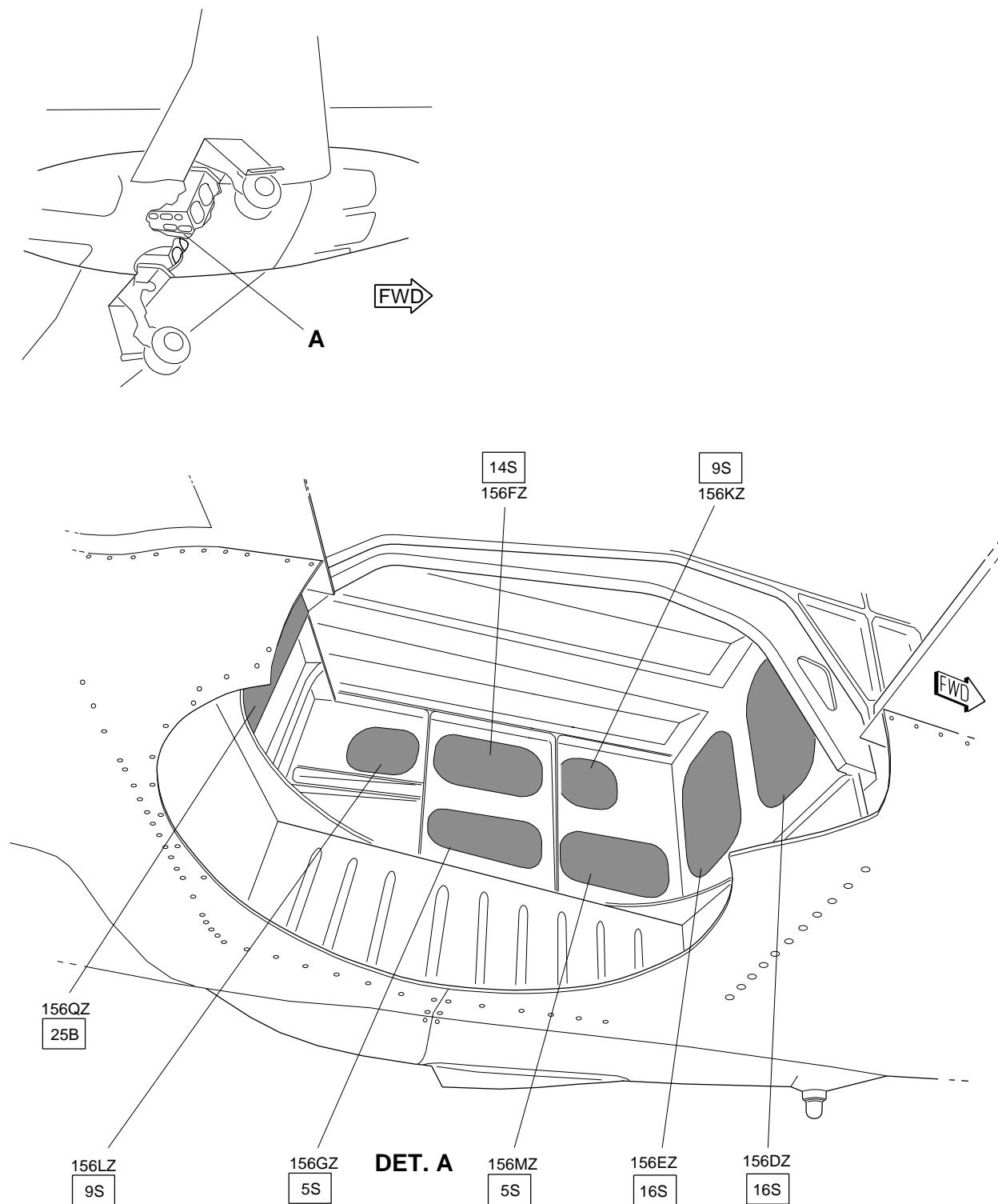


145AMM060174.MCE A

EFFECTIVITY: ALL

Main Landing Gear Compartment Access Doors and Panels (RH)

Figure 110

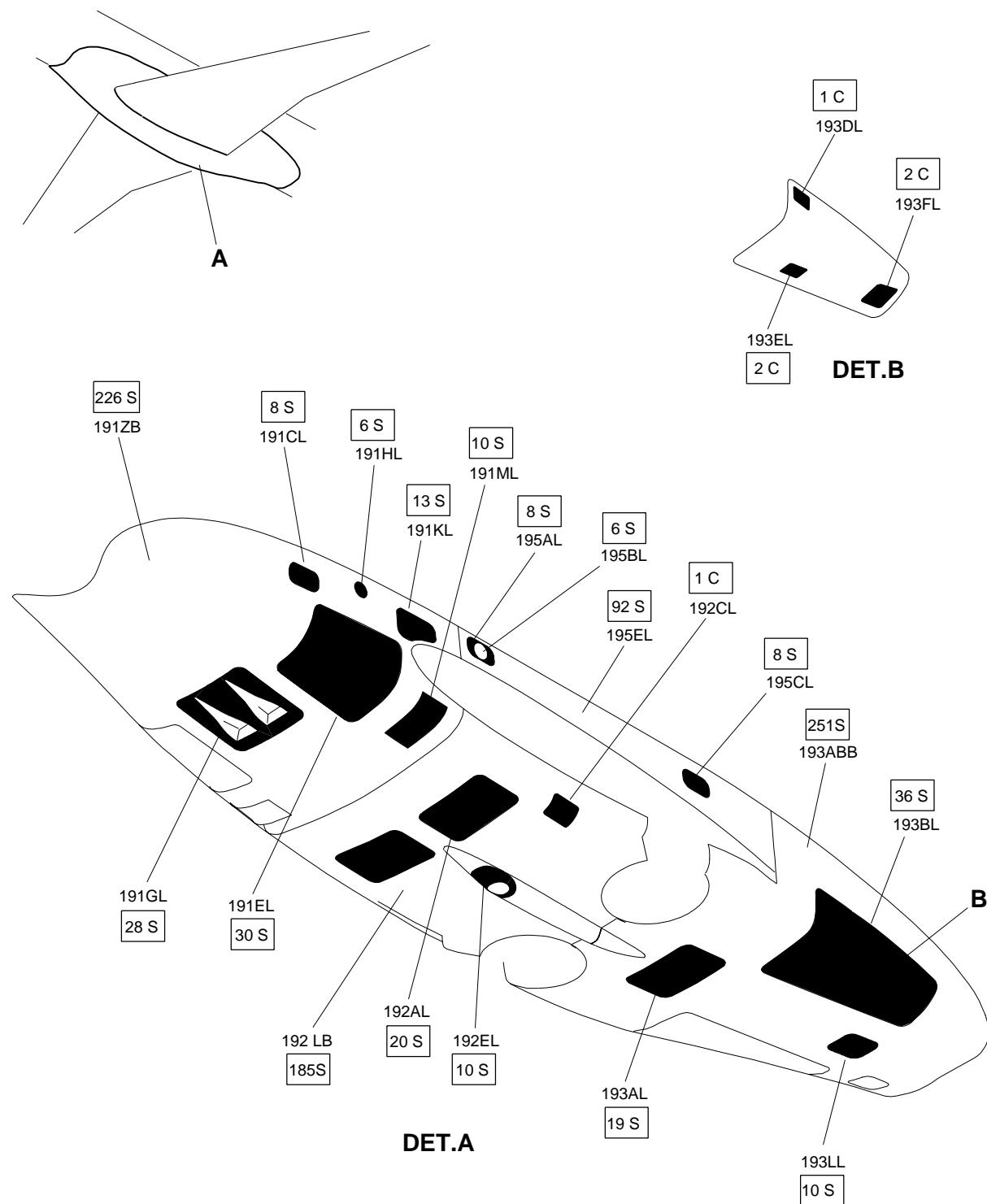


EM145AMM060208A.DGN

EFFECTIVITY: EMB-145ER/EP and EU models

Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH)

Figure 111

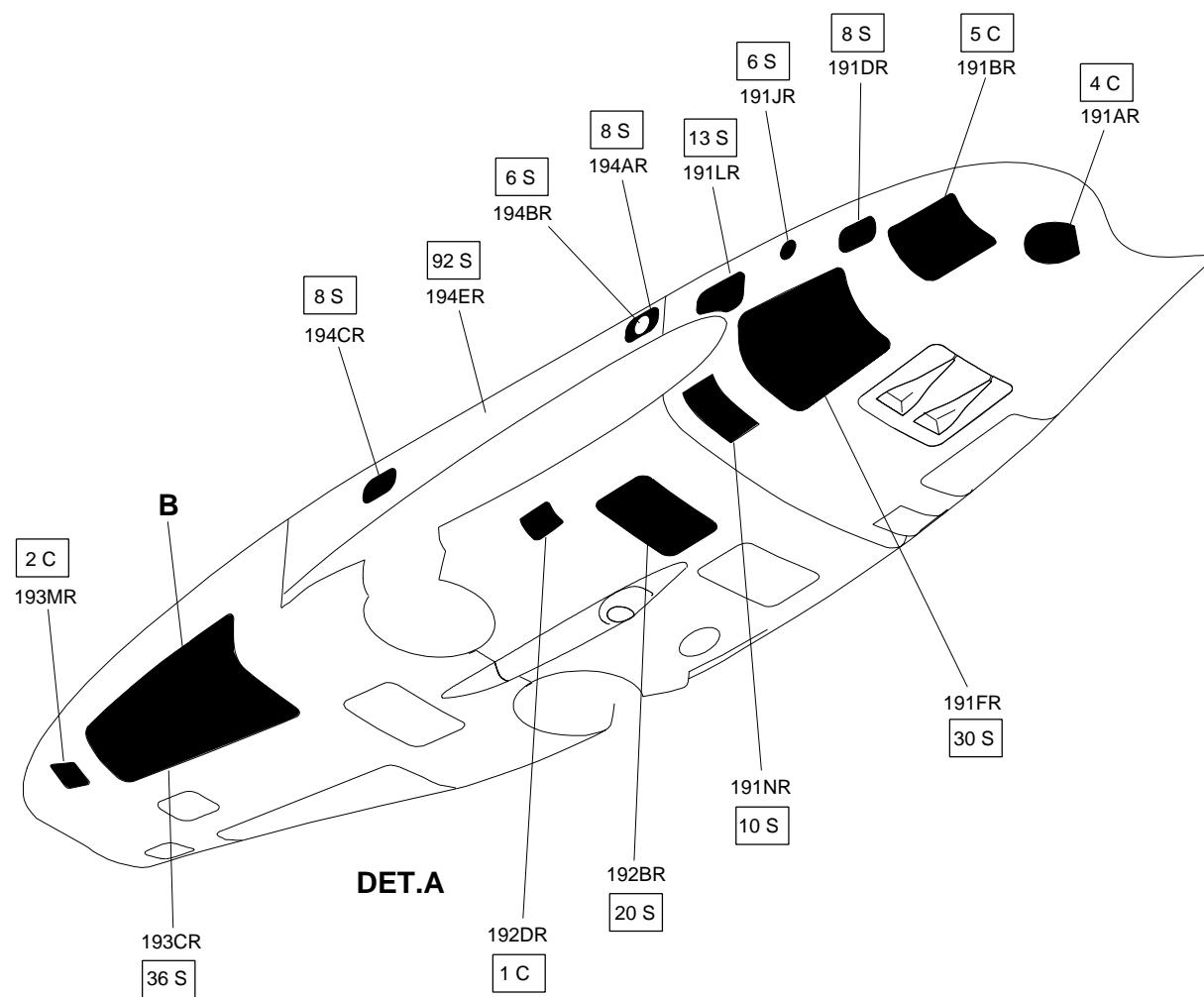
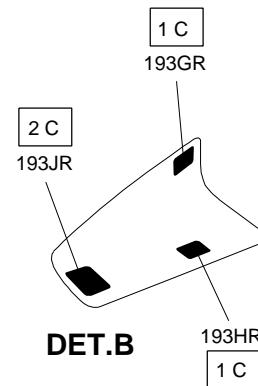
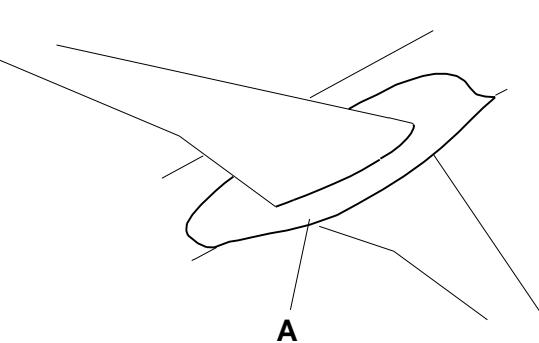


145AMM060035.MCE B

EFFECTIVITY: EMB-145ER/EP and EU models

Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH)

Figure 112

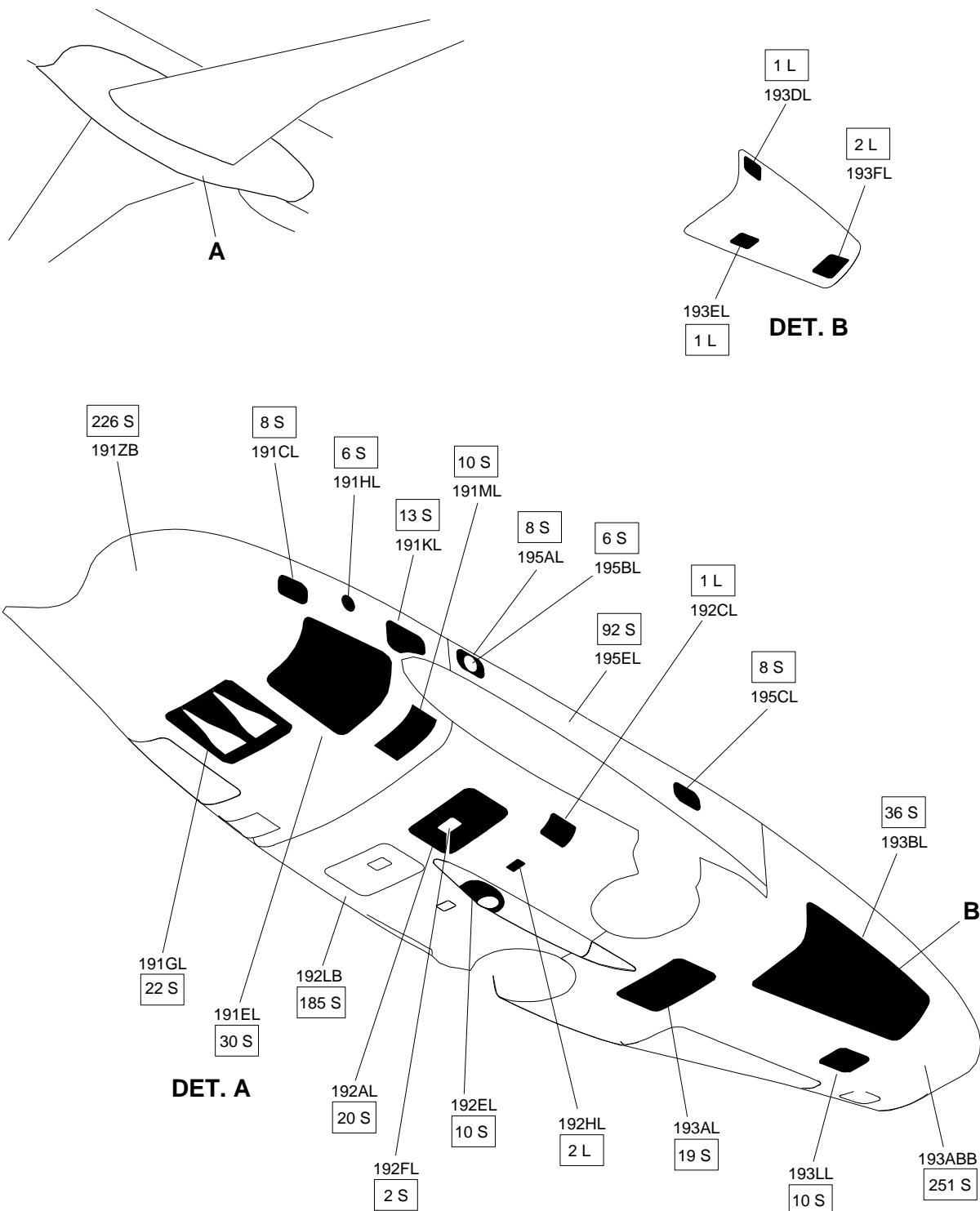


145AMM060036.MCE B

EFFECTIVITY: EMB-145MP/MR/LR and LU models

Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH)

Figure 113

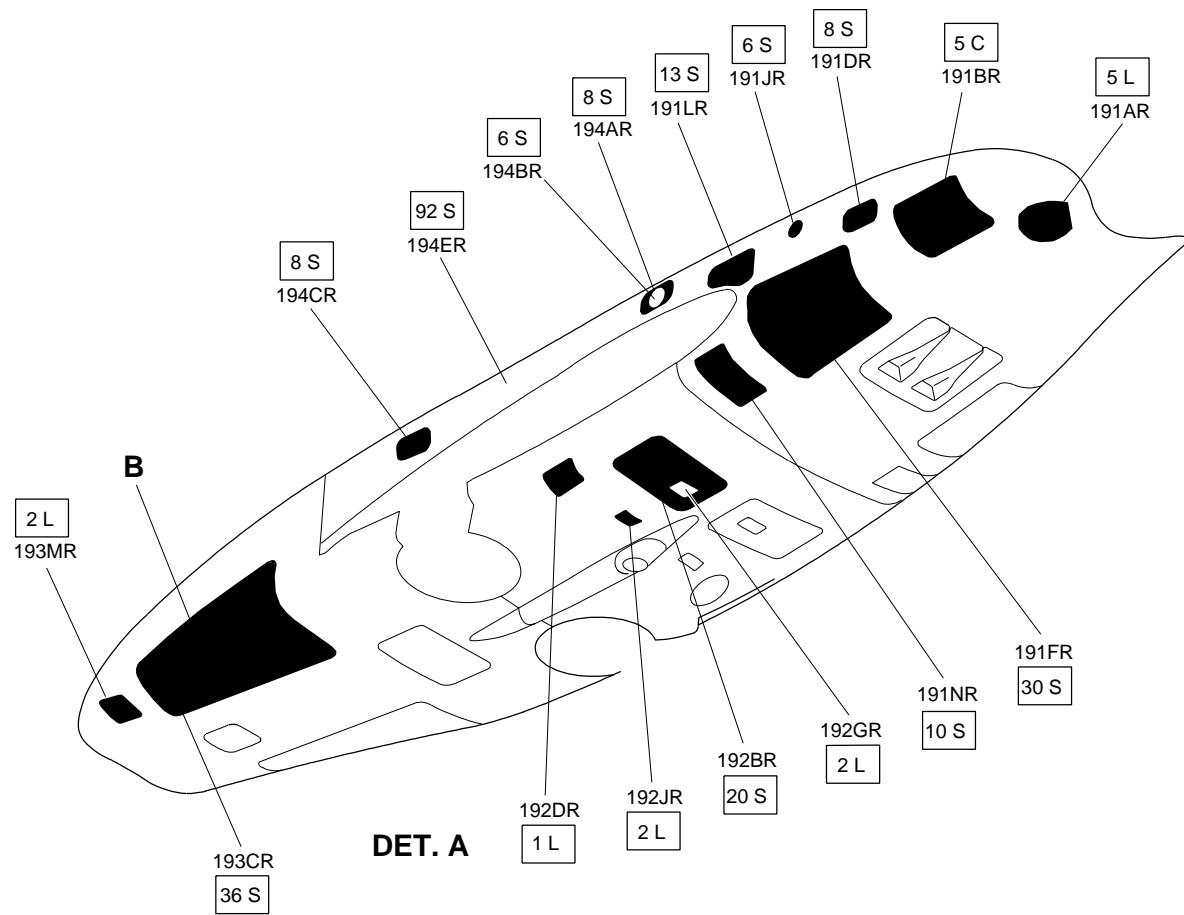
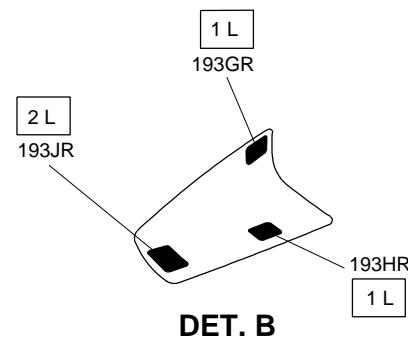
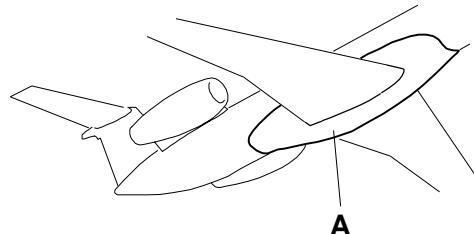


145AMM060071.MCE E

EFFECTIVITY: EMB-145MP/MR/LR and LU models

Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH)

Figure 114

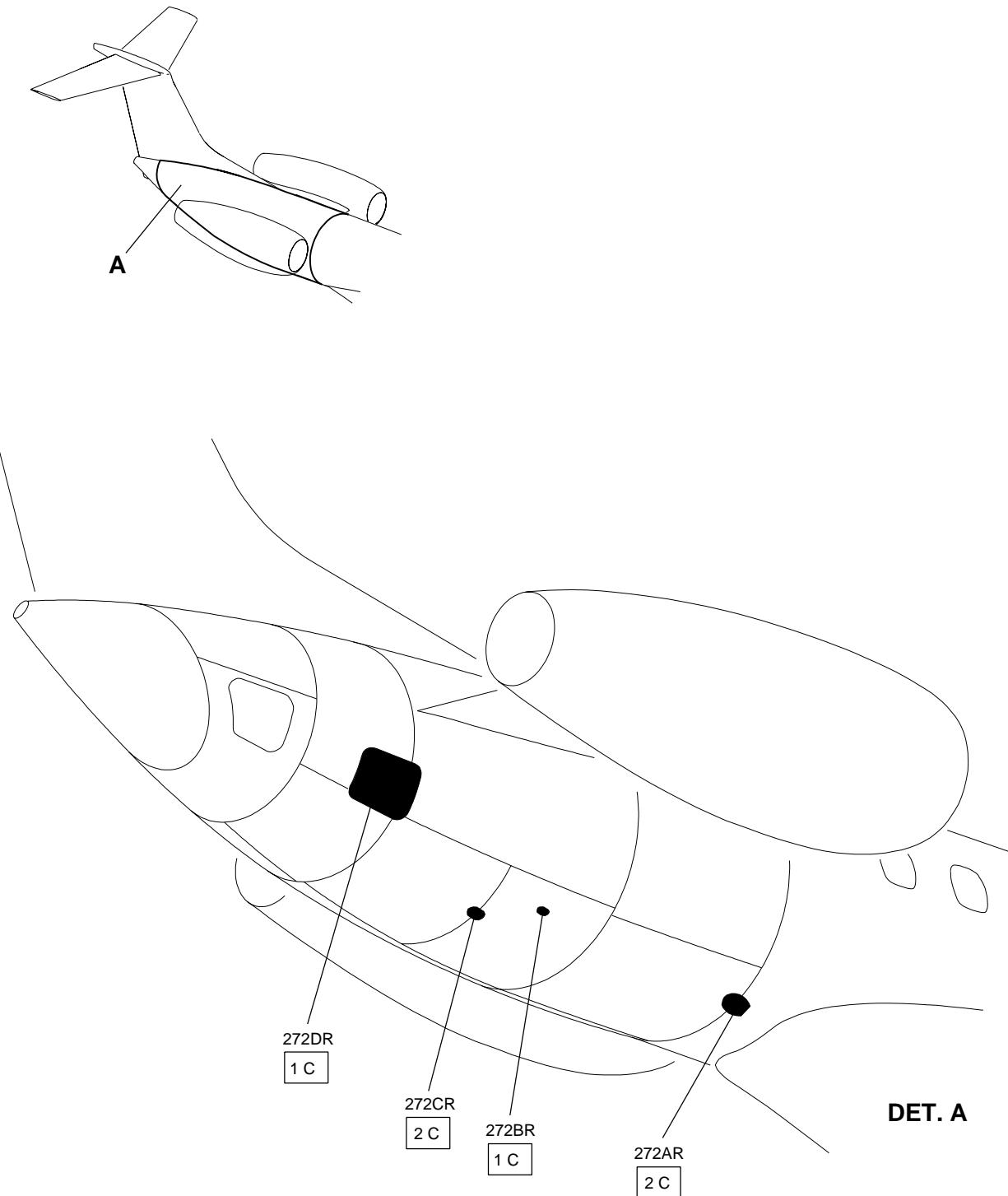


145AMM060072.MCE C

EFFECTIVITY: ALL

Rear Fuselage External Access Doors and Panels

Figure 115



145AMM060037.MCE A

