

CENTER FUSELAGE III - WING STUB LH/RH SIDES - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: EMB-145LR/LU/MR/MP/MK AND EMB-135LR/KE/KL MODELS

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage III - wing stub LH/RH sides for general condition.
- B. Zones: 155/156/157.
- C. Zone Boundaries: STA Y = -960.0 thru STA Y = -230.0, and STA Y = 230.0 thru STA Y = 960.0, and STA Y = -230.0 thru STA Y = 230.0
- 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
05-30-21-200-801-A ♦	CENTER FUSELAGE III - WING SUB LH/RH SIDES - INTERNAL GENERAL VIS- UAL INSPECTION	EMB-145LR/LU/MR/MP/ MK AND EMB-135LR/KE/KL MODELS

TASK 05-30-21-200-801-A

EFFECTIVITY: EMB-145LR/LU/MR/MP/MK AND EMB-135LR/KE/KL MODELS

2. CENTER FUSELAGE III - WING SUB LH/RH SIDES - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives instructions to do SMRD Zonal Task 53-Z155-214-001-A00.
- (3) You must do the internal general visual inspection (GVI) of center fuselage III, in zones 155/156/157, at a distance from which you can touch the items that you will examine.
- (4) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (5) After you complete the procedures given in the Zonal Inspection task, you must do a General Visual Inspection (GVI) in all of the specified zones. The inspection must include all installations, components, and structures. Refer to the AMM Introduction for zonal inspection criteria.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-01/100	-
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-11-01-600-801-A/300	FUEL-TANK PRESSURE REFUELING - SERVICING
AMM TASK 12-11-01-600-802-A/300	FUEL-TANK PRESSURE DEFUELING - SERVICING
AMM TASK 28-11-01-000-801-A/400	FUEL-TANK ACCESS PANELS - REMOVAL
AMM TASK 28-11-01-400-801-A/400	FUEL-TANK ACCESS PANELS - INSTALLATION
AMM TASK 28-41-00-200-801-A/600	-
WM 20-22-00	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
192	192AL	Wing-to-fuselage fairing
192	192BR	Wing-to-fuselage fairing
155	155BZ	Wing stub
155	155CZ	Wing stub
155	155NZ	Wing stub
156	156BZ	Wing stub
156	156CZ	Wing stub
156	156NZ	Wing stub
155	155DZ	Main Landing Gear Compartment
155	155EZ	Main Landing Gear Compartment
155	155FZ	Main Landing Gear Compartment

(Continued)

ZONE	PANEL/DOOR	LOCATION
155	155GZ	Main Landing Gear Compartment
155	155KZ	Main Landing Gear Compartment
155	155LZ	Main Landing Gear Compartment
155	155MZ	Main Landing Gear Compartment
155	155QZ	Main Landing Gear Compartment
156	156DZ	Main Landing Gear Compartment
156	156EZ	Main Landing Gear Compartment
156	156FZ	Main Landing Gear Compartment
156	156GZ	Main Landing Gear Compartment
156	156KZ	Main Landing Gear Compartment
156	156LZ	Main Landing Gear Compartment
156	156MZ	Main Landing Gear Compartment
156	156QZ	Main Landing Gear Compartment

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 III - wing stub LH/RH sides

I. Preparation (Figure 601) (Figure 602)

SUBTASK 841-002-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN **AMM MPP 28-00-00/200** TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

- (1) Defuel the tanks (**AMM TASK 12-11-01-600-802-A/300**).
- (2) Open wing-to-fuselage fairing access panels 192AL and 192BR (AMM MPP 06-41-01/100).

- (3) Remove the fuel-tank access panels 155BZ, and 156BZ ([AMM TASK 28-11-01-000-801-A/400](#)) ([Figure 601](#)).
- (4) Open wing stub access panels 155CZ,155NZ, 156CZ and 156NZ (AMM MPP 06-41-01/100) ([Figure 601](#)).
- (5) Open main landing gear compartment access panels 155DZ, 155EZ, 155FZ, 155GZ, 155KZ, 155LZ, 155MZ, 155QZ, 156DZ, 156EZ, 156FZ, 156GZ, 156KZ, 1556Z, 156MZ, and 156QZ (AMM MPP 06-41-01/100) ([Figure 602](#)).

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

SUBTASK 212-002-A

- (1) Examine the interior of the wing stub for general condition: deformations, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, deteriorated protective treatment, and foreign objects.
- (2) Examine the fuel tank motive-flow supply line and fuel system components for correct installation, wear, cleaning, signs of chafing, leakage, overheating, loose clamps, corrosion, erosion, and nicks ([Figure 603](#)).
- (3) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

SUBTASK 842-002-A

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

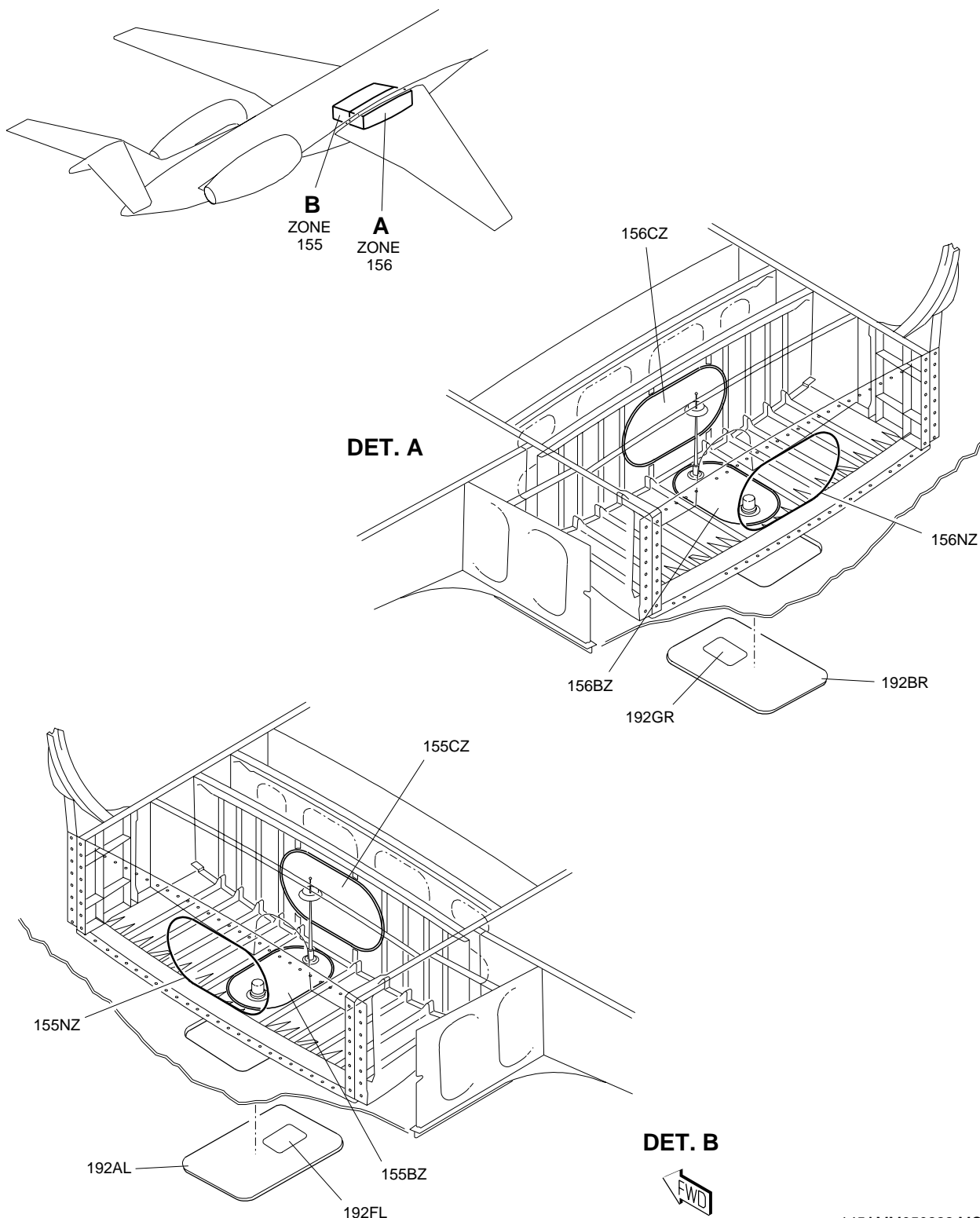
NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

- (2) Close main landing gear compartment access panels 155DZ, 155EZ, 155FZ, 155GZ, 155KZ, 155LZ, 155MZ, 155QZ, 156DZ, 156EZ, 156FZ, 156GZ, 156KZ, 1556Z, 156MZ, and 156QZ (AMM MPP 06-41-01/100).
- (3) Close wing stub access panels 155CZ,155NZ, 156CZ and 156NZ (AMM MPP 06-41-01/100).
- (4) Install fuel tank access panels 155BZ and 156BZ ([AMM TASK 28-11-01-400-801-A/400](#)).
- (5) Close wing-to-fuselage fairing access panels 192AL and 192BR (AMM MPP 06-41-01/100).
- (6) Refuel the tanks ([AMM TASK 12-11-01-600-801-A/300](#)).
- (7) Examine the access panels which were removed and opened for fuel leakage.

EFFECTIVITY: EMB-145LR/LU AND EMB-135LR/KL MODELS

Center Fuselage III - Wing Stub LH/RH Sides - Access Doors and Panels

Figure 601

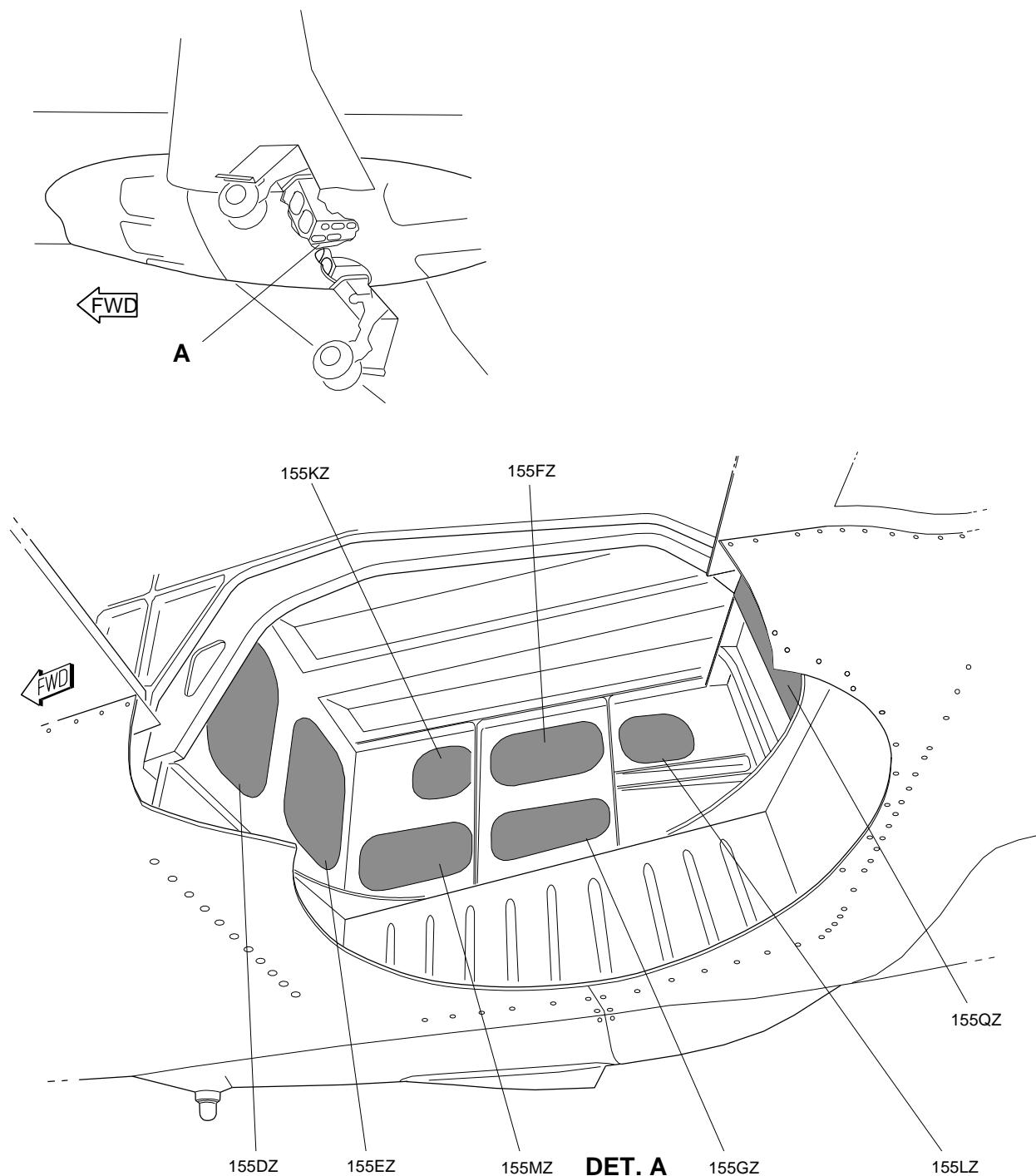


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EFFECTIVITY: EMB-145LR/LU/MR/MP/MK AND EMB-135LR/KE/KL MODELS

Center Fuselage III - Passenger Cabin Bottom - Main Landing Gear Compartment Access Doors and Panels

Figure 602 - Sheet 1

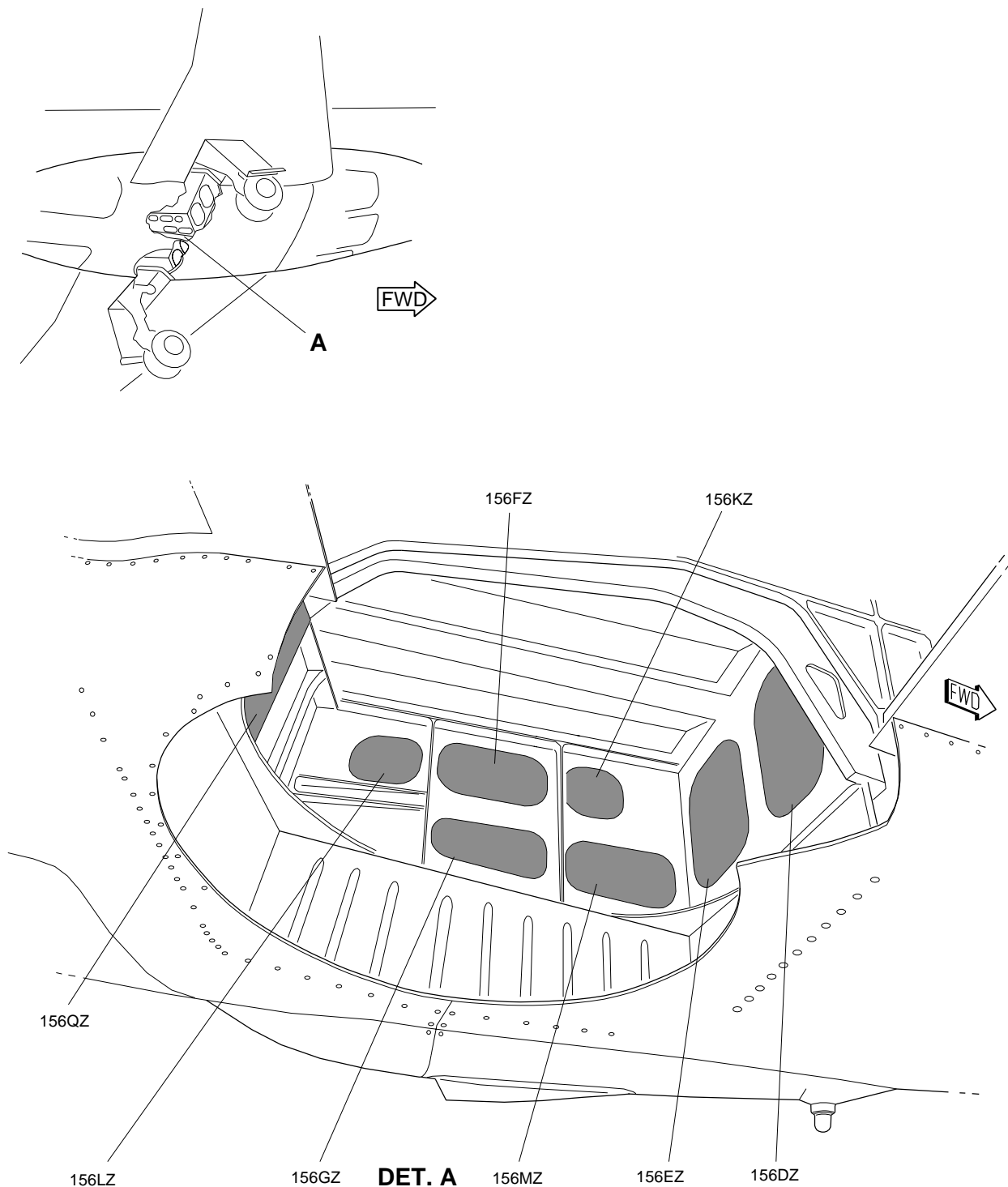


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EFFECTIVITY: EMB-145LR/LU/MR/MP/MK AND EMB-135LR/KE/KL MODELS

Center Fuselage III - Passenger Cabin Bottom - Main Landing Gear Compartment Access Doors and Panels

Figure 602 - Sheet 2

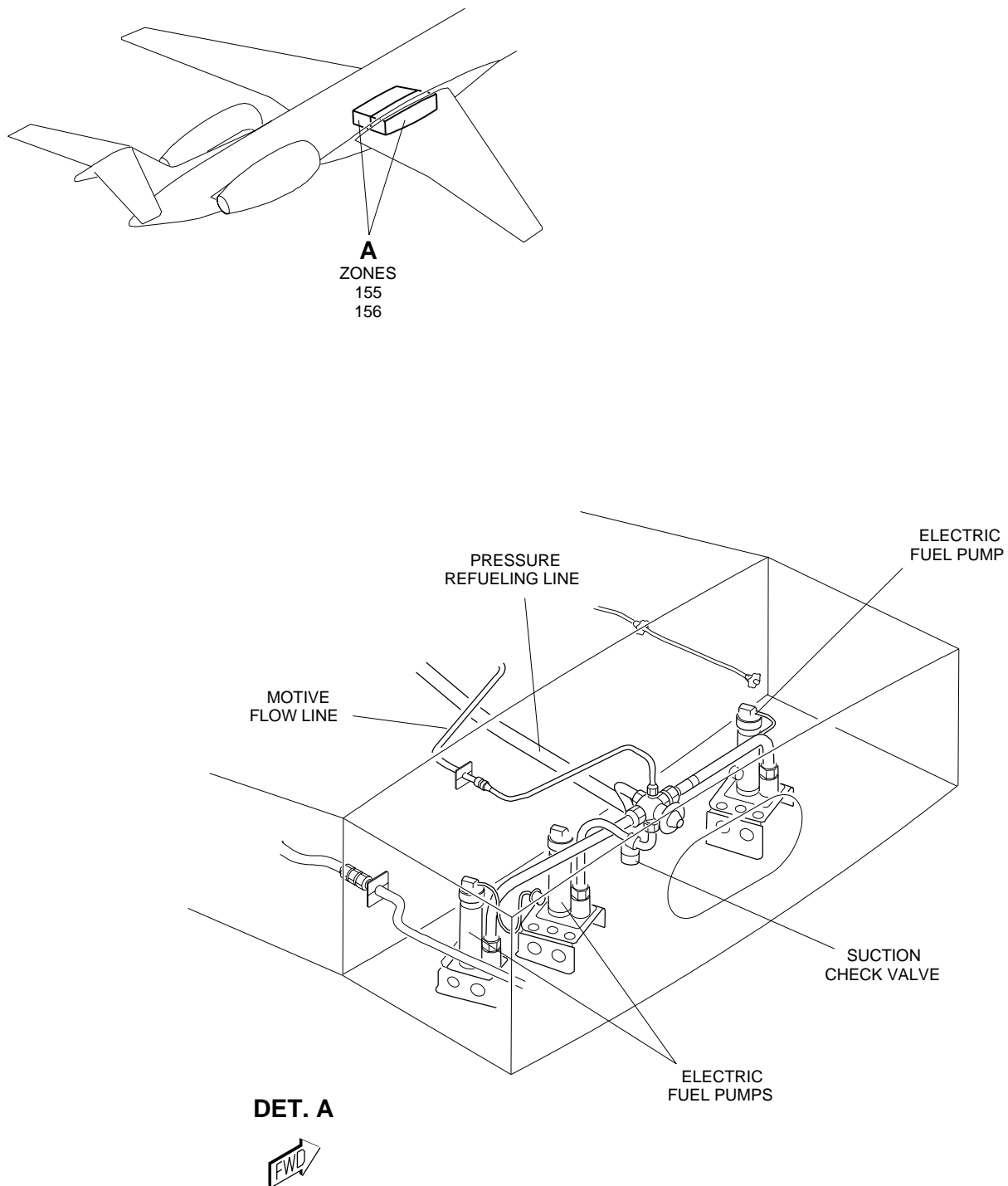


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EFFECTIVITY: EMB-145LR/LU AND EMB-135LR/KL MODELS

Center Fuselage III - Wing Stub LH/RH Sides - Fuel System

Figure 603



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