

**CENTER FUSELAGE III - WING STUB MIDDLE SECTION - 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 middle section for general condition.
- B. Related Zone: 157.
- C. Zone Boundaries: 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
05-30-23-200-801-A	CENTER FUSELAGE III - WING STUB MIDDLE SECTION - INTERNAL GENERAL VISUAL INSPECTION	EMB-145LR/LU/MR/MP/ MK AND EMB-135LR/KE/KL MODELS

TASK 05-30-23-200-801-A

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

## 2. CENTER FUSELAGE III - WING STUB MIDDLE SECTION - INTERNAL GENERAL VISUAL INSPECTION

### A. General

- (1) This task gives instructions to do the internal general visual inspection (GVI) of center fuselage III, at zone 157, within a touching distance of the items examined.
- (2) 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 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	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	Wing-to-fuselage fairing
192	192BR	Wing-to-fuselage fairing
155	155BZ	Wing stub
155	155CZ	Wing stub
156	156BZ	Wing stub
156	156CZ	Wing stub

### 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 middle section

I. Preparation (Figure 601)

*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) Make sure that the aircraft is defueled ( [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 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 and 156CZ (AMM MPP 06-41-01/100) (Figure 601).

J. Internal General Visual Inspection

*SUBTASK 212-002-A*

- (1) Examine the interior of the wing stub for general condition: deformations, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, and deteriorated protective treatment.
- (2) Examine the fuel line for correct installation, wear, cleaning, signs of chafing, leakage, overheating, loose clamps, corrosion, erosion, and nicks.
- (3) Examine the control cables from rudder and elevator for attachment, cracks, crushing, deformation, broken strands, and signs of leakage, deterioration, friction, and overheating at the connections.

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.

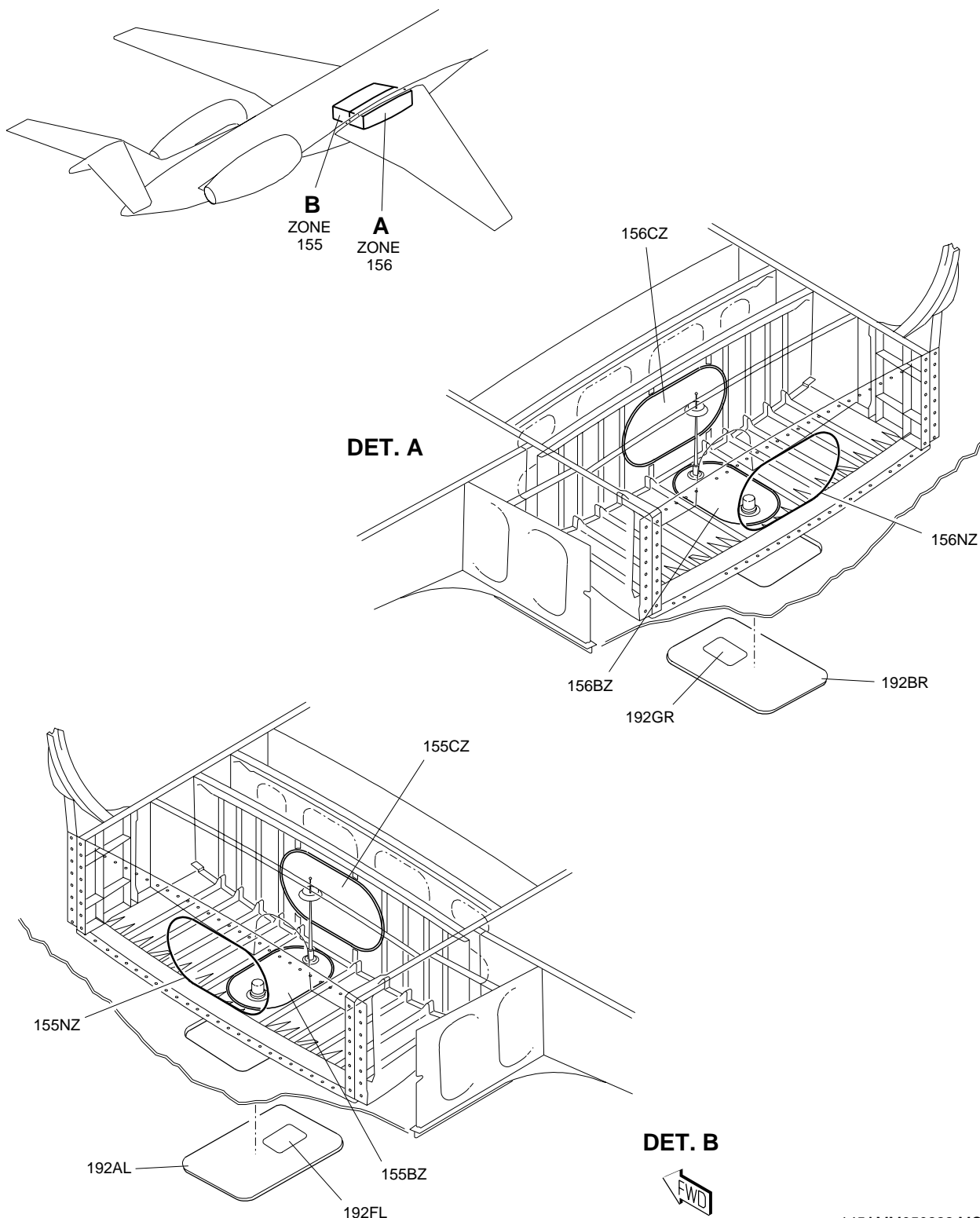
- (2) Close wing stub access panels 155CZ and 156CZ (AMM MPP 06-41-01/100).
- (3) Install fuel tank access panels 155BZ and 156BZ ( [AMM TASK 28-11-01-400-801-A/400](#)).
- (4) Close wing-to-fuselage fairing access panels 192AL and 192BR (AMM MPP 06-41-01/100).

- (5) Refuel the tanks ( [AMM TASK 12-11-01-600-801-A/300](#)).
- (6) Examine the access panels which were removed and opened for fuel leakage.

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

Center Fuselage III - Wing Stub Middle Section - Access Doors and Panels

Figure 601



145AMM050222.MCE

