



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

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



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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



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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.

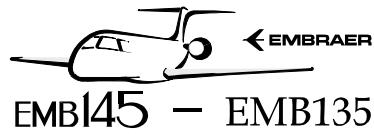
K. Follow-on

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.

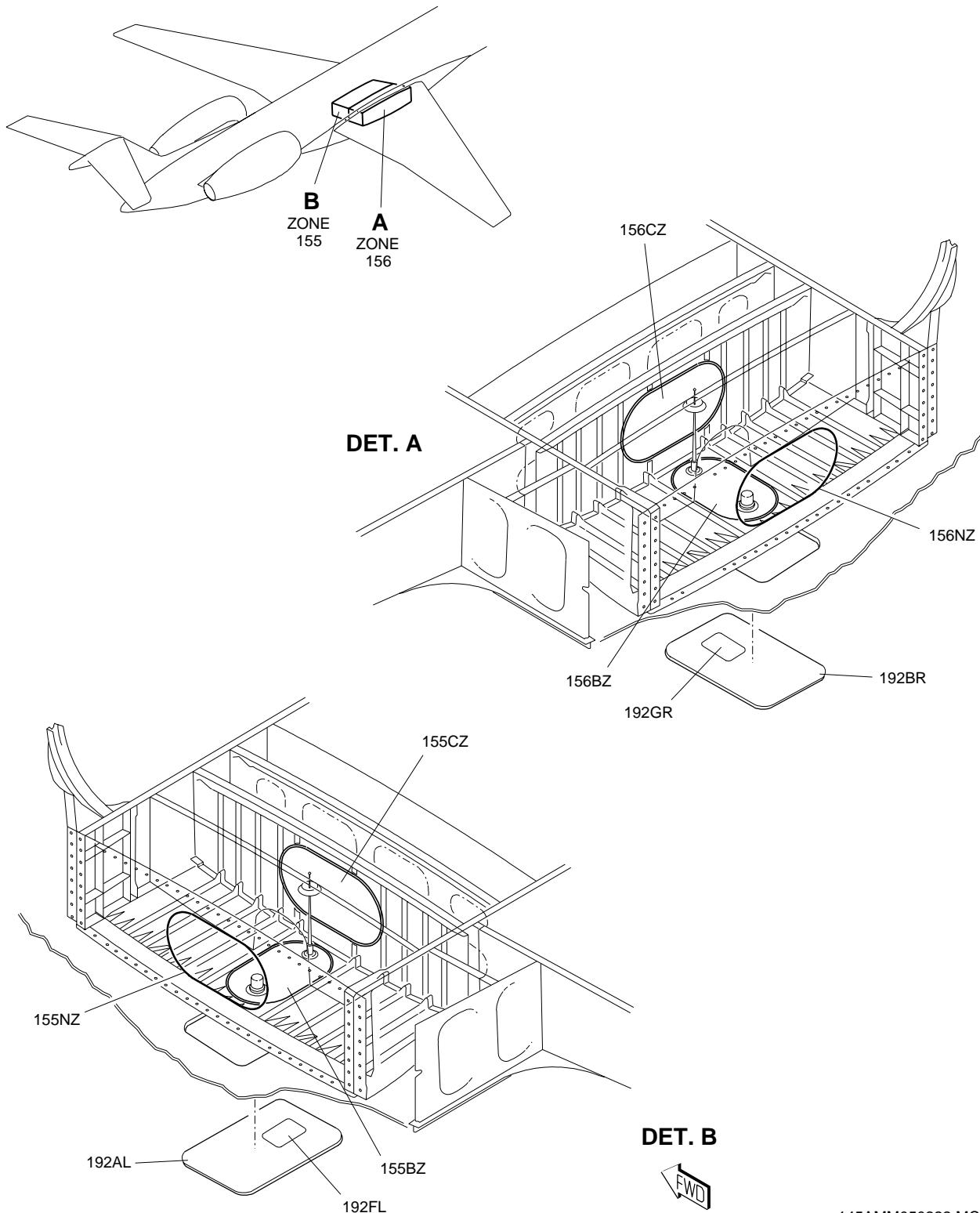
- (2) Close wing stub access panels 155CZ and 156CZ (AMM MPP 06-41-01/100).
- (3) Install fuel tank access panels 155BZ and 156BZ ([AMM TASK 28-11-01-400-801-A/400](#)).
- (4) Close wing-to-fuselage fairing access panels 192AL and 192BR (AMM MPP 06-41-01/100).



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- (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



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