



AIRCRAFT MAINTENANCE MANUAL

CENTER FUSELAGE III - WING STUB MIDDLE SECTION - EXTERNAL - 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
05-30-22-200-801-A	CENTER FUSELAGE III - WING STUB MIDDLE SECTION - EXTERNAL GENERAL VISUAL INSPECTION	EMB-145LR/LU/MR/MP/ MK AND EMB-135LR/KE/KL MODELS



EMB145 - EMB135

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TASK 05-30-22-200-801-A

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

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

A. General

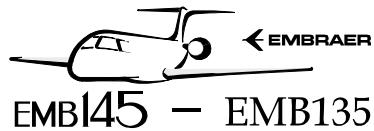
- (1) This task gives instructions to do the external general visual inspection (GVI) of center fuselage III, at zone 157, within a touching distance of the items examined.
- (2) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-11-01-600-802-A/300	FUEL-TANK PRESSURE DEFUELING - SERVICING
AMM TASK 28-41-00-200-801-A/600	-
AMM TASK 53-01-02-000-801-A/400	-
AMM TASK 53-01-02-000-802-A/400	-
AMM TASK 53-01-02-400-801-A/400	-
AMM TASK 53-01-02-400-802-A/400	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	Wing-to-fuselage fairing
192	192BR	Wing-to-fuselage fairing
251	251AF	Passenger cabin floor
251	251BF	Passenger cabin floor
251	251CF	Passenger cabin floor
251	251DF	Passenger cabin floor
251	251EF	Passenger cabin floor
251	251FF	Passenger cabin floor
251	251GF	Passenger cabin floor
251	251JF	Passenger cabin floor
251	251KF	Passenger cabin floor
252	252AF	Passenger cabin floor
252	252BF	Passenger cabin floor
252	252CF	Passenger cabin floor
252	252DF	Passenger cabin floor



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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](#)) ([Figure 602](#))

SUBTASK 841-009-B

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 THE MATERIAL.

- (1) Make sure that the aircraft is defueled ([AMM TASK 12-11-01-600-802-A/300](#)).
- (2) Use table 601 to remove passenger-cabin floor panels as applicable to your aircraft (AMM TASK 53-01-02-000-801-A/400) or (AMM TASK 53-01-02-000-802-A/400) ([Figure 601](#)).

Table 601 - PASSENGER-CABIN FLOOR PANELS

AIRCRAFT	PANELS
EMB-145	251CF, 251DF, 252BF, 252CF, 251FF and 251EF
EMB-135	251JF, 251KF, 251DF, 252BF, 252CF, 251FF and 251EF

- (3) Use table 602 to remove passenger-cabin floor panels as applicable to your aircraft (AMM TASK 53-01-02-000-801-A/400) or (AMM TASK 53-01-02-000-802-A/400) ([Figure 602](#)).

Table 602 - PASSENGER-CABIN FLOOR PANELS

AIRCRAFT CONFIGURATION	PANELS
Aircraft for 16 passengers	251AF, 251BF, 251CF, 251DF, 251EF, 251FF, 251GF, 251JF, 251HF, 252AF, 252BF, 252CF and 252DF

- (4) Open access panels 192AL and 192BR (AMM MPP 06-41-01/100).



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

SUBTASK 212-009-B

- (1) Examine the wing stub structure for loose rivets, nicks, cracks, dents, distortion, erosion, and corrosion ([Figure 603](#)).

K. Follow-on

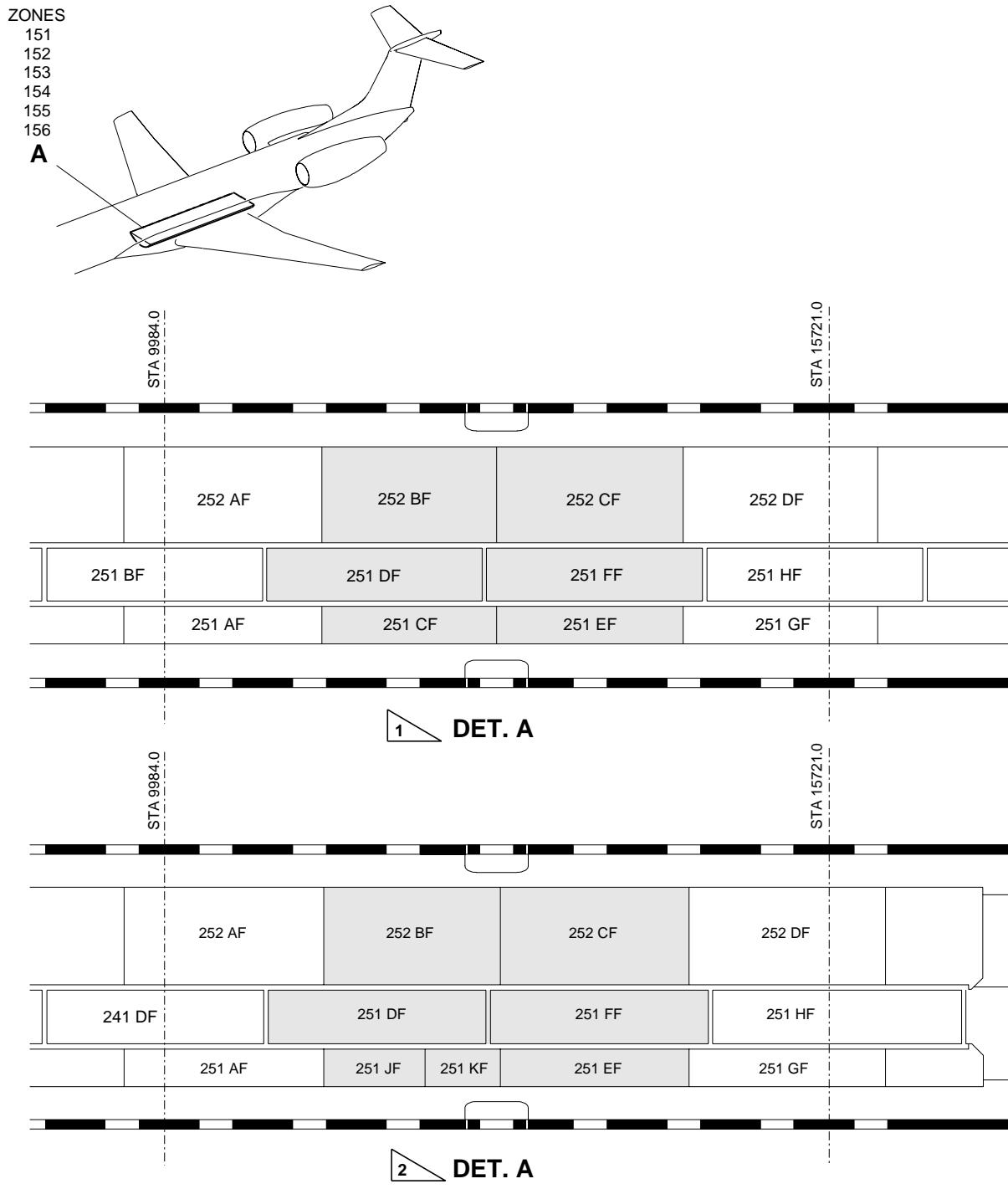
SUBTASK 842-009-B

- (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) Use table 601 or table 602, as applicable to your aircraft, to install passenger-cabin floor panels (AMM TASK 53-01-02-400-801-A/400) or (AMM TASK 53-01-02-400-802-A/400).
- (3) Close access panels 192AL and 193BR (AMM MPP 06-41-01/100).

EFFECTIVITY: EMB-145LR/LU/MR/MP/MK AND EMB-135LR/KE/KL MODELS
 Center Fuselage III - Wing-Stub Middle Section - Passenger Cabin Floor Panels
 Figure 601



1 APPLICABLE TO EMB-145 (ALL) MODELS

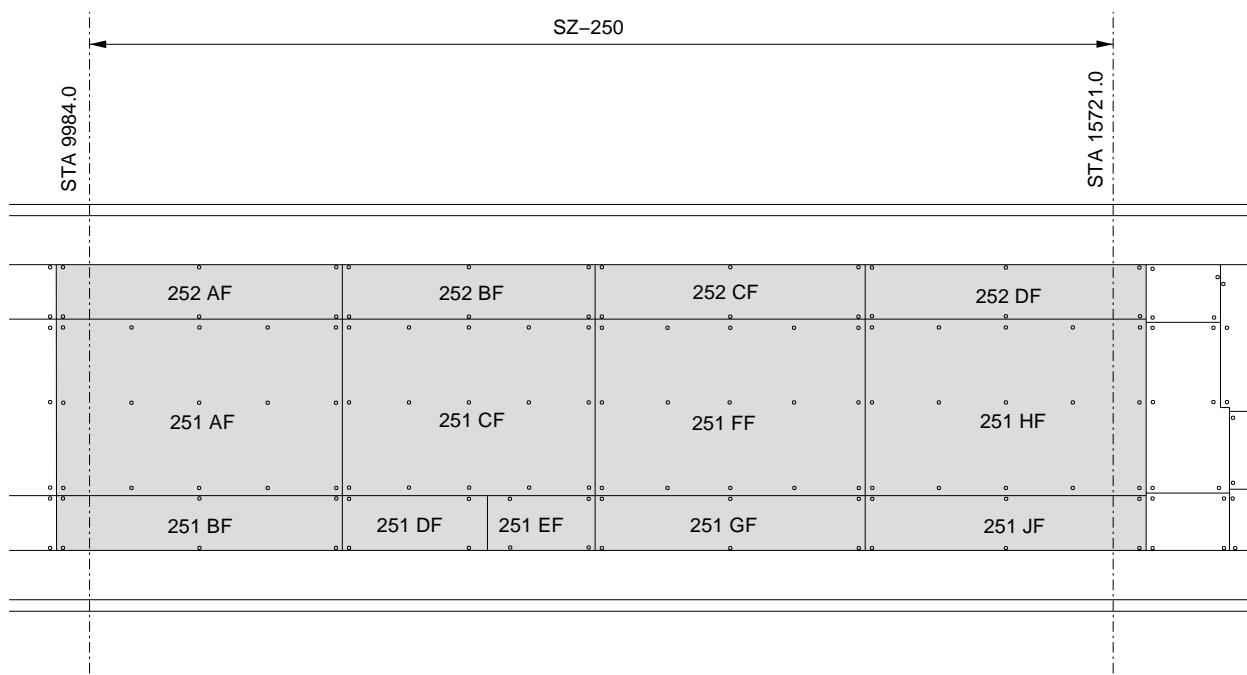
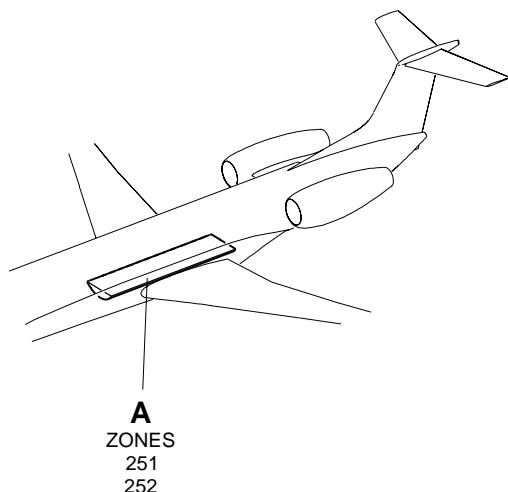
2 APPLICABLE TO EMB-135 (ALL) MODELS

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EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

Center Fuselage III - Wing-Stub Middle Section - Passenger Cabin Floor Panels

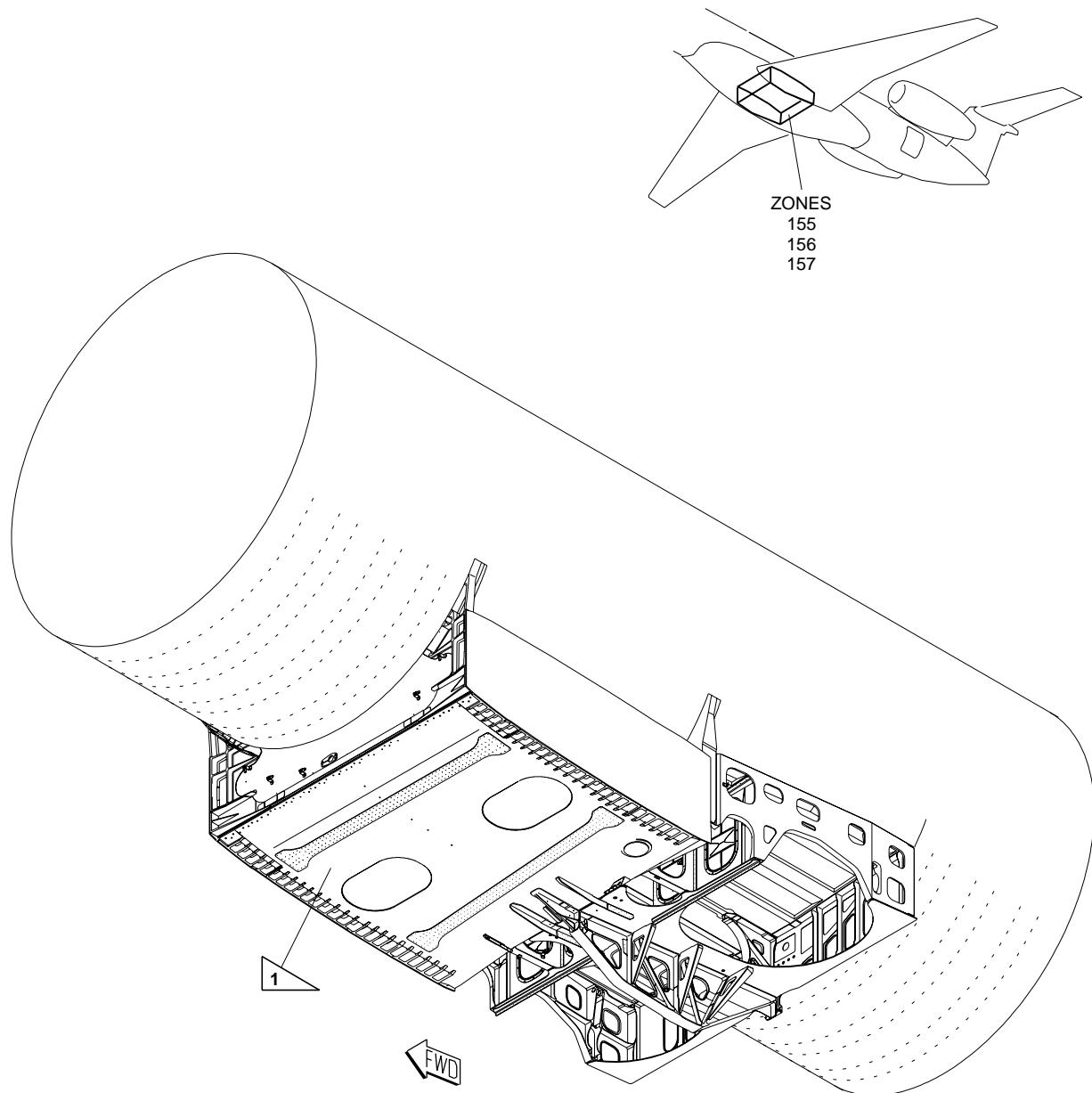
Figure 602



DET. A

145AMM060322.MCE

EFFECTIVITY: EMB-145LR/LU/MR/MP/MK AND EMB-135LR/KE/KL MODELS
Center Fuselage III - Wing-Stub Middle Section - External General Visual Inspection
Figure 603



EXTERNALLY INSPECT TO WING STUB STRUCTURE.

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