



AIRCRAFT
MAINTENANCE MANUAL

EWIS COMPONENTS IN THE CENTER FUSELAGE III LOWER SIDE - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to clean the EWIS components, lines, and floor beam in center fuselage III, lower side.
- B. For EMB-145ER, EU, EP, and EMB-135ER models:
 - (1) Zones: 151/152/153/154/155/156.
- C. For EMB-145LR, LU, MR, MP, MK, XR, and EMB-135LR, KE, KL models:
 - (1) Zones: 151/152/153/154/155/156/157.
- D. Zone Boundaries ([AMM MPP 06-41-00/100 AMM MPP 06-41-00/100](#)).
- E. 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
05-40-01-100-801-A ♦	EWIS COMPONENTS IN THE CENTER FUSELAGE III (LOWER SIDE) - CLEANING	ALL



EMB145 - EMB135

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TASK 05-40-01-100-801-A

EFFECTIVITY: ALL

2. EWIS COMPONENTS IN THE CENTER FUSELAGE III (LOWER SIDE) - CLEANING

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) For EMB-145ER, EU, EP, and EMB-135ER models:
 - (a) This task gives the instructions to do SMRD Task Number: 20-00-00-140-001-A00.
 - (b) You must clean the EWIS components, lines, and floor beam, at center fuselage III, zones 151/152/153/154/155/156.
- (3) For EMB-145LR, LU, MR, MP, MK, XR, and EMB-135LR, KE, KL models:
 - (a) This task gives the instructions to do SMRD Task Number: 20-00-00-140-002-A00.
 - (b) You must clean the EWIS components, lines, and floor beam, at center fuselage III, zones 151/152/153/154/155/156/157.
- (4) Do not unlac or displace the electrical wiring and components during the cleaning procedure.
- (5) Do not disconnect electrical connectors during cleaning procedures. If you find contamination, clean only exposed areas.
- (6) Refer to the Preparation subtask for access panel information.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-000-802-A/400	-
AMM TASK 25-81-01-000-803-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
AMM TASK 25-81-01-400-802-A/400	-
AMM TASK 25-81-01-400-803-A/400	-
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	-
WM 20-21-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
251	-	Passenger cabin - LH
252	-	Passenger cabin - RH

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Vacuum cleaner	To clean the area	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Cloth, Lint-Free	To clean the area	AR

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Center fuselage III - lower side

I. Preparation
SUBTASK 841-002-A

EFFECTIVITY: For EMB-145ER/EU/EP and EMB-135ER models

- (1) Identify the passenger-cabin floor panels of center fuselage III, at sub-zone 250 (AMM MPP 06-41-02/100), that give access to zones 151/152/153/154/155/156.
- (2) Remove the passenger-cabin floor panels from center fuselage III at sub-zone 250 to access zones 151/152/153/154/155/156. Refer to AMM TASK 53-01-02-000-801-A/400 (applicable to EMB-140 and EMB-145 models) or AMM TASK 53-01-02-000-802-A/400 (applicable to EMB-135 model).
- (3) Remove, if necessary, the thermoacoustic insulation from center fuselage III, at zones 151/152/153/154/155/156 (AMM TASK 25-81-01-000-801-A/400, AMM TASK 25-81-01-000-802-A/400 or AMM TASK 25-81-01-000-803-A/400, as applicable).

SUBTASK 841-003-A

EFFECTIVITY: For EMB-145LR/LU/MR/MP/MK/XR and EMB-135LR/KE/KL models

- (4) Identify the passenger-cabin floor panels of center fuselage III, at sub-zone 250 (AMM MPP 06-41-02/100), that give access to zones 151/152/153/154/155/156/157.

- (5) Remove the passenger-cabin floor panels from center fuselage III, at sub-zone 250 to access zones 151/152/153/154/155/156/157. Refer to AMM TASK 53-01-02-000-801-A/400 (applicable to EMB-140 and EMB-145 models) or AMM TASK 53-01-02-000-802-A/400 (applicable to EMB-135 model).
- (6) Remove, if necessary, the thermoacoustic insulation from center fuselage III, at zones 151/152/153/154 (AMM TASK 25-81-01-000-801-A/400, AMM TASK 25-81-01-000-802-A/400 or AMM TASK 25-81-01-000-803-A/400, as applicable).

J. EWIS Components in the Center Fuselage III (Lower Side) - Cleaning ([Figure 701](#)) ([Figure 702](#)) ([Figure 703](#))

SUBTASK 160-002-A

- (1) The cleaning procedure of this task is applicable to specified components or assemblies of an area/zone.
- (2) Do the cleaning procedure as follows:
 - (a) Use a vacuum cleaner and/or a clean and dry cloth to remove the particles from the area below passenger cabin floor, lines, and floor beam.
 - (b) If you find contamination, clean the EWIS components. Refer to WM 20-21-00, Section Cleaning Procedures.

K. Follow-on

SUBTASK 842-002-A

EFFECTIVITY: For EMB-145ER/EU/EP and EMB-135ER models

- (1) If you removed the thermoacoustic insulation, install it back at zones 151/152/153/154 (AMM TASK 25-81-01-400-801-A/400, AMM TASK 25-81-01-400-802-A/400 or AMM TASK 25-81-01-400-803-A/400), as applicable.
- (2) Do an inspection on the fuel-quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

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

- (3) Install the passenger-cabin floor panels to center fuselage III, at sub-zone 250 related to zones 151/152/153/154/155/156. Refer to AMM TASK 53-01-02-400-801-A/400 (applicable to EMB-140 and EMB-145 models) or AMM TASK 53-01-02-400-802-A/400 (applicable to EMB-135 model).

SUBTASK 842-003-A

EFFECTIVITY: For EMB-145LR/LU/MR/MP/MK/XR and EMB-135LR/KE/KL models

- (4) If you removed the thermoacoustic insulation, install it back at zones 151/152/153/154 (AMM TASK 25-81-01-400-801-A/400, AMM TASK 25-81-01-400-802-A/400 or AMM TASK 25-81-01-400-803-A/400), as applicable.
- (5) Do an inspection on the fuel-quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

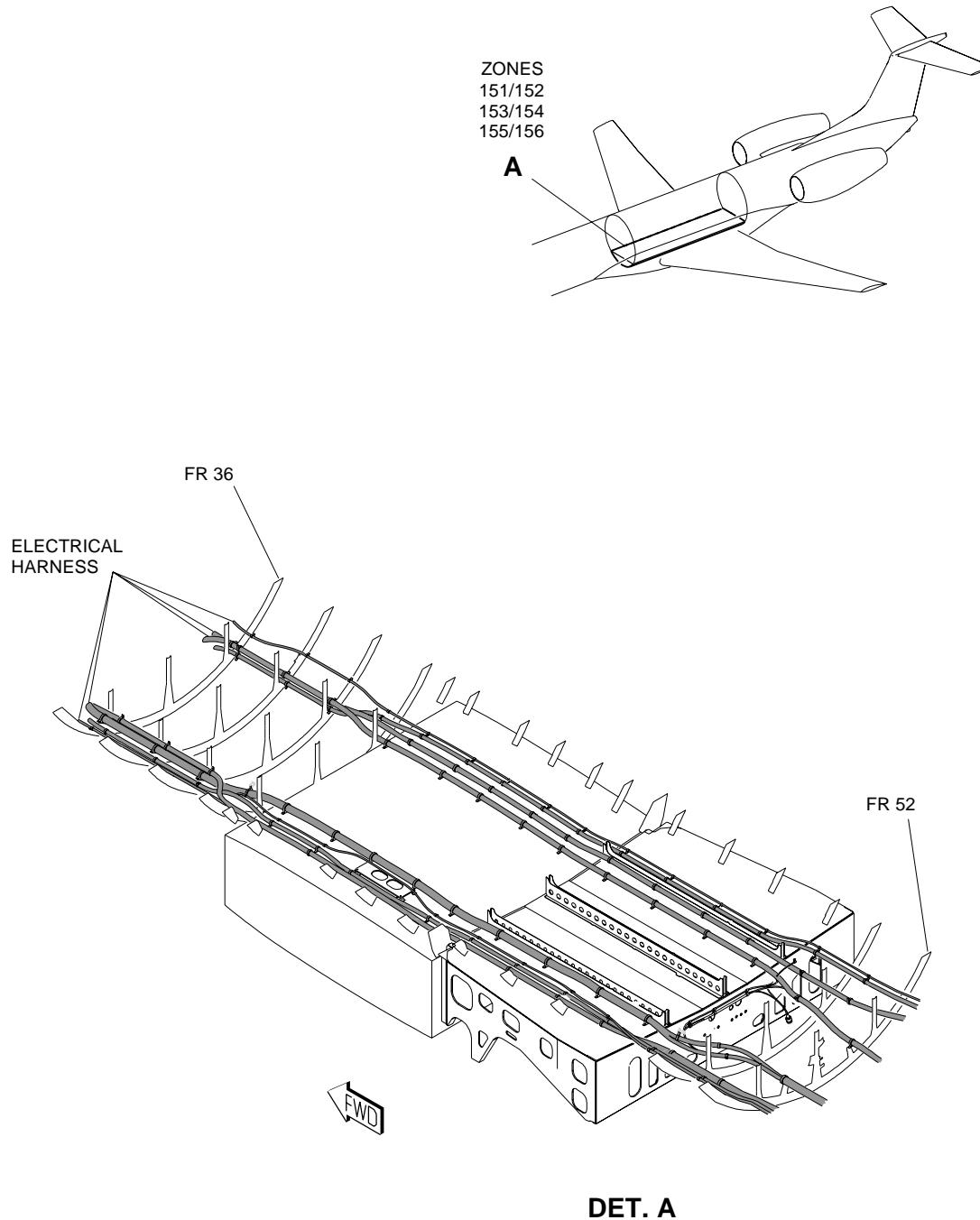


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NOTE: The inspection of the fuel-quantity indication harness is part of the Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

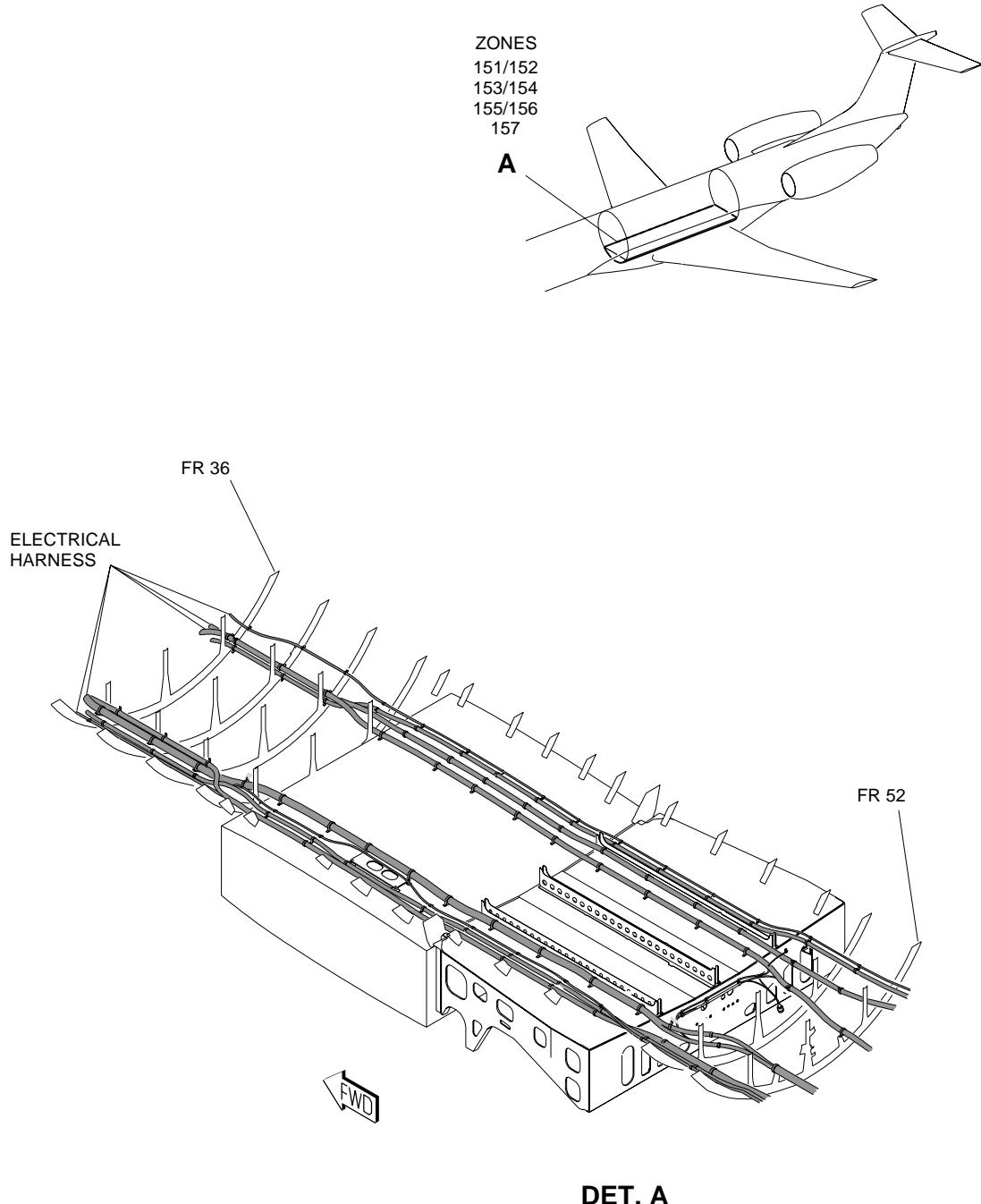
- (6) Install the passenger-cabin floor panels to center fuselage III, at sub-zone 250 related to zones 151/152/153/154/155/156/157. Refer to AMM TASK 53-01-02-400-801-A/400 (applicable to EMB-140 and EMB-145 models) or AMM TASK 53-01-02-400-802-A/400 (applicable to EMB-135 model).

EFFECTIVITY: For EMB-145ER/EU/EP and EMB-135ER models
EWIS Components in the Center Fuselage III (Lower Side) - Cleaning
Figure 701



EM145AMM050724A.DGN

EFFECTIVITY: For EMB-145LR/LU/MR/MP/MK/XR and EMB-135LR/KE/KL models
 EWIS Components in the Center Fuselage III (Lower Side) - Cleaning
 Figure 702

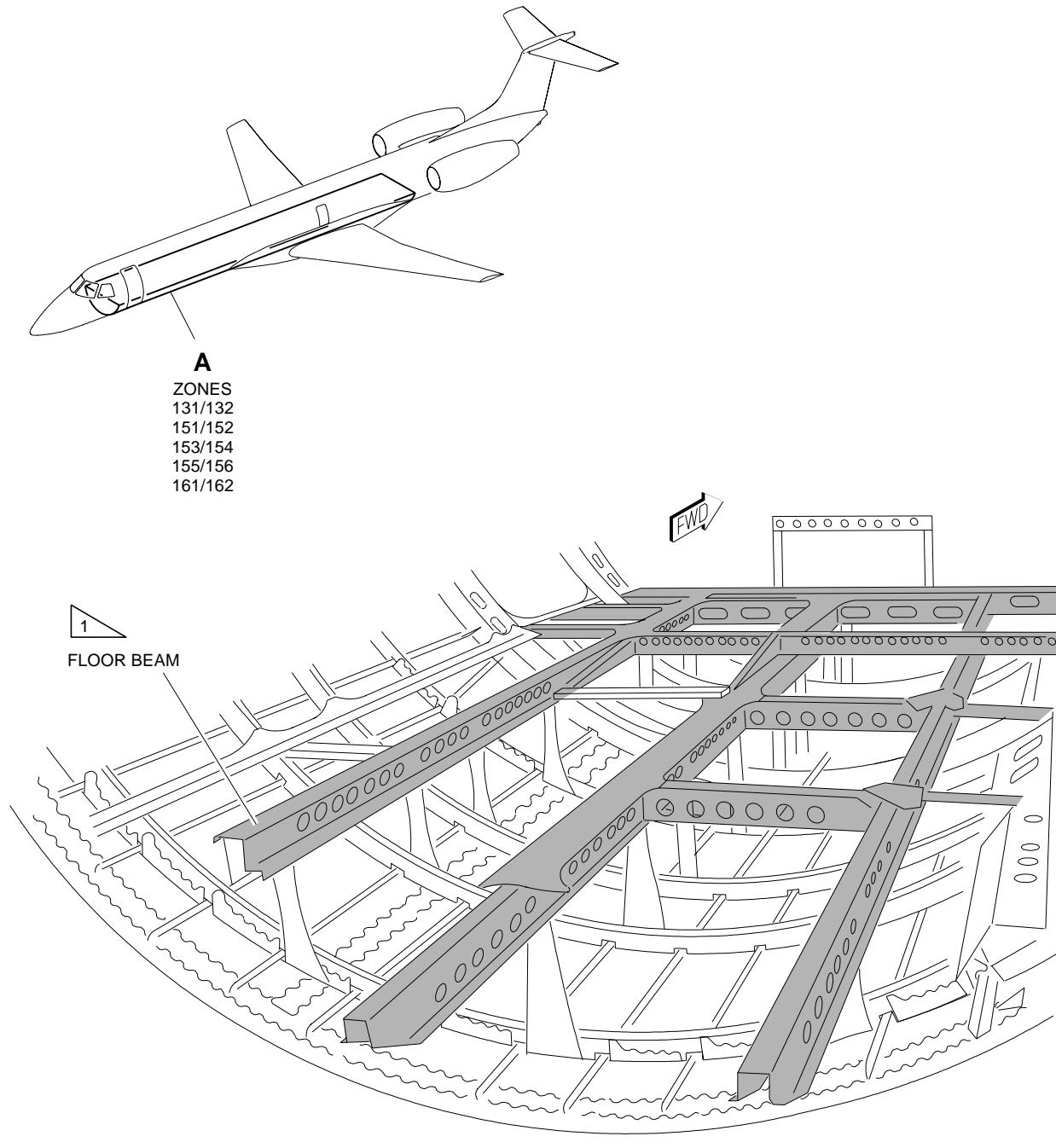

DET. A

EM145AMM050735A.DGN

EFFECTIVITY: ALL

EWIS Components in the Center Fuselage III (Lower Side) - Cleaning

Figure 703



 MAKE SURE THAT THERE IS NO DUST QUANTITY ON FLOOR BEAM HOLES.

EM145AMM050960A.DGN