



## AIRCRAFT MAINTENANCE MANUAL

### EWIS COMPONENTS IN THE CENTER FUSELAGE II (LOWER SIDE) - INSPECTION/CHECK

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to do the detailed visual inspection of the EWIS components in the center fuselage II - lower side.
- B. Zones: 141/142.
- C. Zone Boundaries ( [AMM MPP 06-41-00/100 AMM MPP 06-41-00/100](#)).
- 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
05-40-10-200-801-A ♦	EWIS COMPONENTS IN THE CENTER FUSELAGE II (LOWER SIDE) - DETAILED VISUAL INSPECTION	ALL

**TASK 05-40-10-200-801-A**
**EFFECTIVITY: ALL**

**2. EWIS COMPONENTS IN THE CENTER FUSELAGE II (LOWER SIDE) - DETAILED VISUAL INSPECTION**

**A. General**

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives the instructions to do SMRD Task Number: 20-00-00-220-013-A00.
- (3) You must do the internal detailed visual inspection of center fuselage II, at zones 141/142, in the EWIS components of APU and engines generators power cables, hydraulic pumps power cables, and wiring bundles.
- (4) The function of the internal detailed visual inspection is to find damage, failure, or irregular conditions that can be easily seen.
- (5) Do not unlac or displace the electrical wiring and components, during the inspections.
- (6) Refer to the preparation subtask for access panel information.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
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 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 20-22-00	-

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
141		Passenger cabin - LH
142		Passenger cabin - RH

**D. Tools and Equipment**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Standard	Flashlight	To make the inspection of the area easier	



# AIRCRAFT MAINTENANCE MANUAL

- 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 II - lower side

## I. Preparation

### SUBTASK 841-002-A

- (1) Identify the passenger-cabin floor panels of center fuselage II, at sub-zone 240 (AMM MPP 06-41-02/100) that give access to zones 141/142.
- (2) Remove the passenger-cabin floor panels from center fuselage II at sub-zone 240 to access zones 141/142. 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 II, at zones 141/142 (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 II (Lower Side) - Detailed Visual Inspection ([Figure 601](#))

### SUBTASK 212-002-A

- (1) Do a detailed visual inspection on the APU and engine generators power cables, hydraulic pumps power cables, wiring bundles, and connected EWIS components at Center Fuselage II, lower side, for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

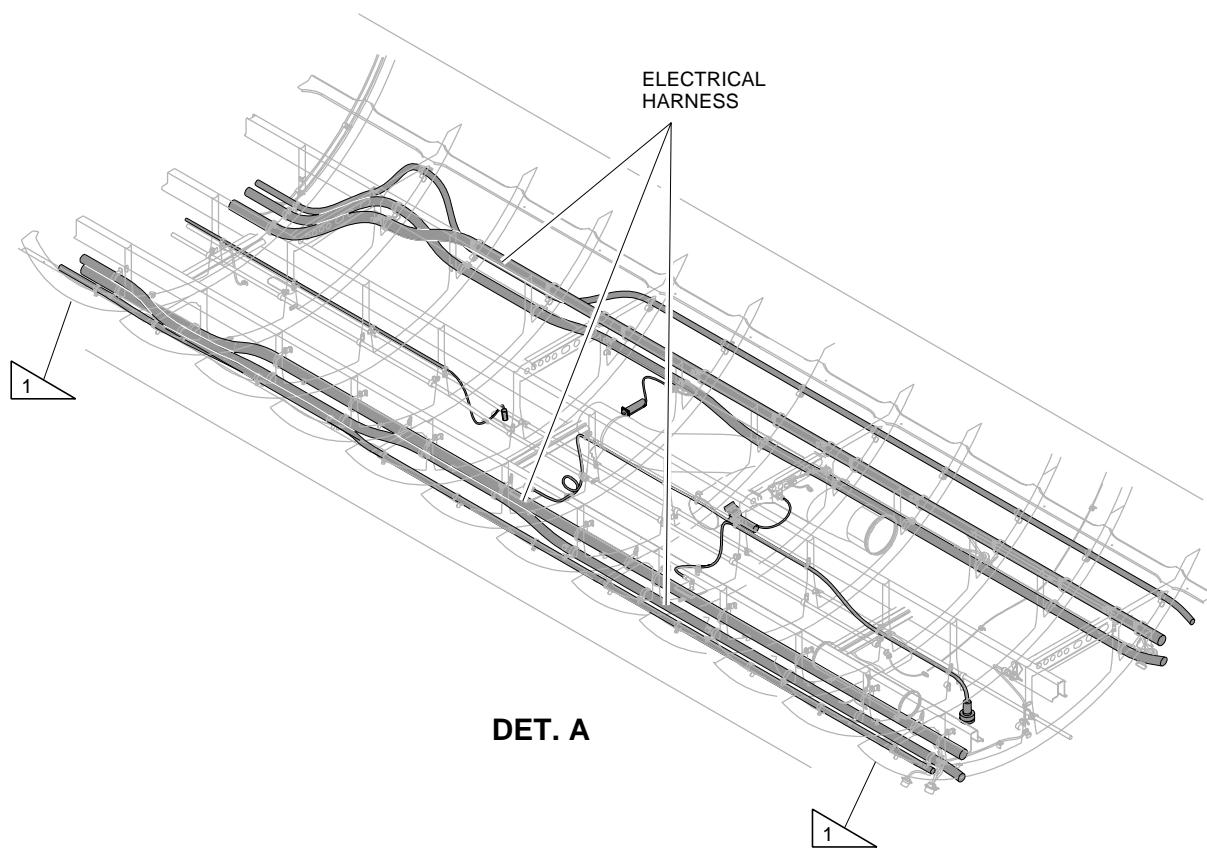
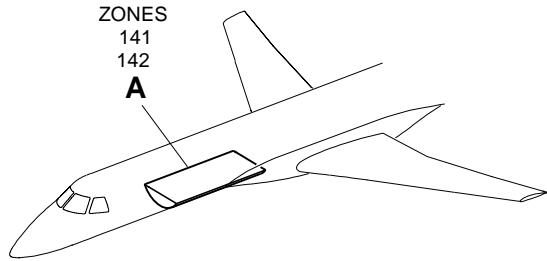
## K. Follow-on

### SUBTASK 842-002-A

- (1) If the thermoacoustic insulation was previously removed, install it at zones 141/142 (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) Install the passenger-cabin floor panels to center fuselage II, at sub-zone 240 related to zones 141/142. 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: ALL**

EWIS Components in the Center Fuselage II (Lower Side) - Detailed Visual Inspection  
Figure 601



 FOR EMB-145ER/EU/EP/LR/LI/MR/MP/MK/XR AND 135KE/LL: FR24 TO FR35  
FOR EM-135ER/LR: FR24 TO FR30.

EM145AMM050769A.DGN