



## AIRCRAFT MAINTENANCE MANUAL

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

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to do a detailed inspection of the EWIS components in forward fuselage II, cockpit lower side.
- B. Related Zones: 123/124.
- 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
05-40-12-200-801-A ♦	EWIS COMPONENTS IN THE FORWARD FUSELAGE II (COCKPIT LOWER SIDE)-DETAILED INSPECTION	ALL



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 05-40-12-200-801-A

EFFECTIVITY: ALL

2. EWIS COMPONENTS IN THE FORWARD FUSELAGE II (COCKPIT LOWER SIDE)- DETAILED INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives the instructions to do SMRD Task Number: 20-00-00-220-010-A00.
- (3) You must do the detailed inspection of the forward fuselage II, at zones 123/124, in the EWIS components of the power cables.
- (4) Avoid unlacing or displacing the electrical wirings and components, during the detailed visual inspections.
- (5) Avoid disconnecting the electrical connectors, during the detailed visual inspections.
- (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 53-01-01-000-801-A/400	COCKPIT FLOOR PANELS - REMOVAL
AMM TASK 53-01-01-400-801-A/400	COCKPIT FLOOR PANELS - INSTALLATION
WM 20-22-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
221		Cockpit floor panel
222		Cockpit floor panel

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Flashlight	To make the inspection of the area easier	
Standard	Ladder	To get access to the area	

- 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	Forward fuselage II - cockpit bottom

I. Preparation

**SUBTASK 841-002-A**

- (1) Identify the cockpit floor panels of forward fuselage II, at sub-zone 220 (AMM MPP 06-41-02/100), that give access to zones 123/124.
- (2) Remove the cockpit floor panels of forward fuselage II, at sub zone 220 ([AMM TASK 53-01-01-000-801-A/400](#)) that give access to zones 123/124.
- (3) Remove, if necessary, the thermoacoustic insulation from forward fuselage II, at zones 123/124 (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 Forward Fuselage II (Cockpit Lower Side)- Detailed Inspection ([Figure 601](#))

**SUBTASK 220-002-A**

- (1) Do an internal detailed inspection on the power cables, wiring bundles, and connected EWIS components in the Forward Fuselage II, cockpit lower sides, for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

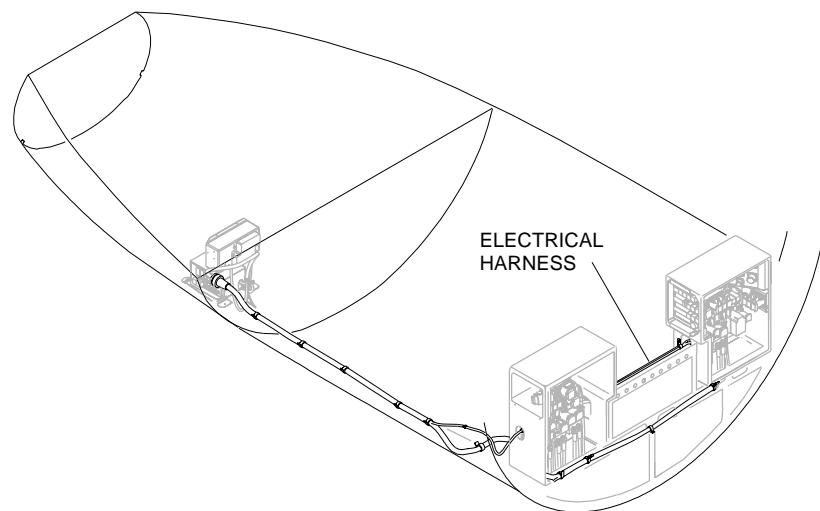
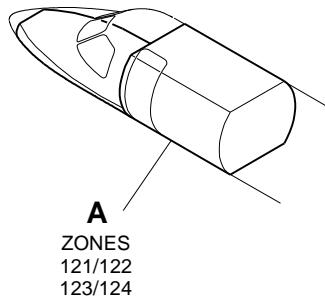
K. Follow-on

**SUBTASK 842-002-A**

- (1) If the thermoacoustic insulation was previously removed, install it at zones 123/124 (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 cockpit floor panels of forward fuselage II, at sub-zone 220 ([AMM TASK 53-01-01-400-801-A/400](#)), that give access to zones 123/124.

**EFFECTIVITY: ALL**

EWIS Components in the Forward Fuselage II (Cockpit Lower Side)- Detailed Inspection  
Figure 601



**DET. A**

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