

EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

EWIS COMPONENTS IN THE FOWARD FUSELAGE II (LATERAL SIDE) - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to clean the EWIS components of forward fuselage II, on the cockpit side and at the forward pressure bulkhead.
- B. Related Zones: 221/222/223/224.
- 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
05-40-13-100-801-A ♦	EWIS COMPONENTS IN FORWARD FU- SELAGE II - CLEANING	ALL

TASK 05-40-13-100-801-A
EFFECTIVITY: ALL
2. EWIS COMPONENTS IN FORWARD FUSELAGE II - CLEANING
A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives the instructions to do SMRD Task Number: 20-00-00-140-010-A00.
- (3) You must clean the EWIS components of forward fuselage II, in zones 221/222/223/224.
- (4) Do not unlac or displace the electrical wirings and components during the cleaning procedure.
- (5) Do not disconnect the electrical connectors during cleaning procedures. If you find contamination, clean only the exposed areas.
- (6) Refer to the preparation subtask for access panel information.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 25-11-01-000-801-A/400	PILOT SEAT - REMOVAL
AMM TASK 25-11-01-400-801-A/400	PILOT SEAT - INSTALLATION
AMM TASK 25-12-05-000-801-A/400	LH AFT CONSOLE - REMOVAL
AMM TASK 25-12-05-400-801-A/400	LH AFT CONSOLE - INSTALLATION
AMM TASK 25-12-06-000-801-A/400	PEDAL ASSEMBLY LINING - REMOVAL
AMM TASK 25-12-06-400-801-A/400	PEDAL ASSEMBLY LINING - INSTALLATION
AMM TASK 25-12-08-000-801-A/400	-
AMM TASK 25-12-08-400-801-A/400	-
AMM TASK 25-12-09-000-801-A/400	LH/RH COCKPIT LINING - REMOVAL
AMM TASK 25-12-09-400-801-A/400	LH/RH COCKPIT LINING - INSTALLATION
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 31-11-01-000-801-A/400	MAIN INSTRUMENT PANEL - REMOVAL
AMM TASK 31-11-01-400-801-A/400	MAIN INSTRUMENT PANEL - INSTALLATION
AMM TASK 31-12-01-000-801-A/400	GLARESHIELD PANEL - REMOVAL
AMM TASK 31-12-01-400-801-A/400	GLARESHIELD PANEL - INSTALLATION
WM 20-21-00	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
223	223AZ	Cockpit LH/RH side
223	223BZ	Cockpit LH/RH side
223	223CLW	Cockpit LH/RH side
223	223DLW	Cockpit LH/RH side
223	223ELW	Cockpit LH/RH side
223	223FLW	Cockpit LH/RH side
223	223HZ	Cockpit LH/RH side
223	223JLW	Cockpit LH/RH side
223	223KLW	Cockpit LH/RH side
223	223LZ	Cockpit LH/RH side
223	223MZ	Cockpit LH/RH side
223	223UZ	Cockpit LH/RH side
224	224CRW	Cockpit LH/RH side
224	224DRW	Cockpit LH/RH side
224	224ERW	Cockpit LH/RH side
224	224FRW	Cockpit LH/RH side
224	224HZ	Cockpit LH/RH side
224	224JRW	Cockpit LH/RH side
224	224KRW	Cockpit LH/RH side
224	224MZ	Cockpit LH/RH side
224	224NZ	Cockpit LH/RH side

D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Standard	Vacuum cleaner	To clean the area	
Commercially available	Cloth, Lint-Free	To clean the area	AR

E. Auxiliary Items

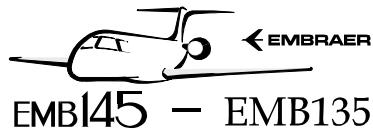
Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable



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H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward fuselage II - cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Remove the pilot and copilot seats ([AMM TASK 25-11-01-000-801-A/400](#)).
- (2) Remove pedal assembly linings 223HZ and 224HZ ([AMM TASK 25-12-06-000-801-A/400](#)).
- (3) **NOTE:** Remove LH aft console 223LZ maintenance panel to make the 223ELW cockpit internal panel installation easier ([AMM TASK 25-12-05-000-801-A/400](#)).
- Remove LH/RH complement consoles 223ELW and 224ERW (AMM TASK 25-12-08-000-801-A/400) .
- (4) Remove LH/RH cockpit linings 223DLW, 223CLW, 224CRW ,and 224DRW([AMM TASK 25-12-09-000-801-A/400](#)).
- (5) Open access panels 223FLW, 223KLW, 223JLW, 223MZ, 223UZ, 224KRW, 224JRW, 224FRW, 224MZ, and 224NZ ([AMM MPP 06-41-03/100](#)) .
- (6) Remove glareshield panel 223AZ ([AMM TASK 31-12-01-000-801-A/400](#)).
- (7) Remove main instrument panel 223BZ ([AMM TASK 31-11-01-000-801-A/400](#)).
- (8) Remove thermoacoustic insulation pads, in zones 221/222/223/224 (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).

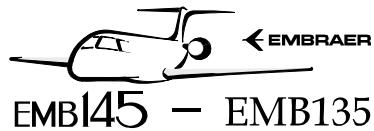
J. EWIS Components in Forward Fuselage II - Cleaning ([Figure 701](#)) ([Figure 702](#)) ([Figure 703](#))

SUBTASK 100-002-A

- (1) The cleaning procedure of this task is applicable to the EWIS components in zones 221/222/223/224.
- (2) Do the cleaning procedure as follows:
 - (a) Use a vacuum cleaner and/or clean and dry cloth to remove the particles from the EWIS components in forward fuselage II, on the cockpit sides and at the region above the floor line of the forward pressure bulkhead.
 - (b) If contamination is found, clean the EWIS components. Refer to WM 20-21-00, "Cleaning Procedures" Section.

K. Follow-on

SUBTASK 842-002-A



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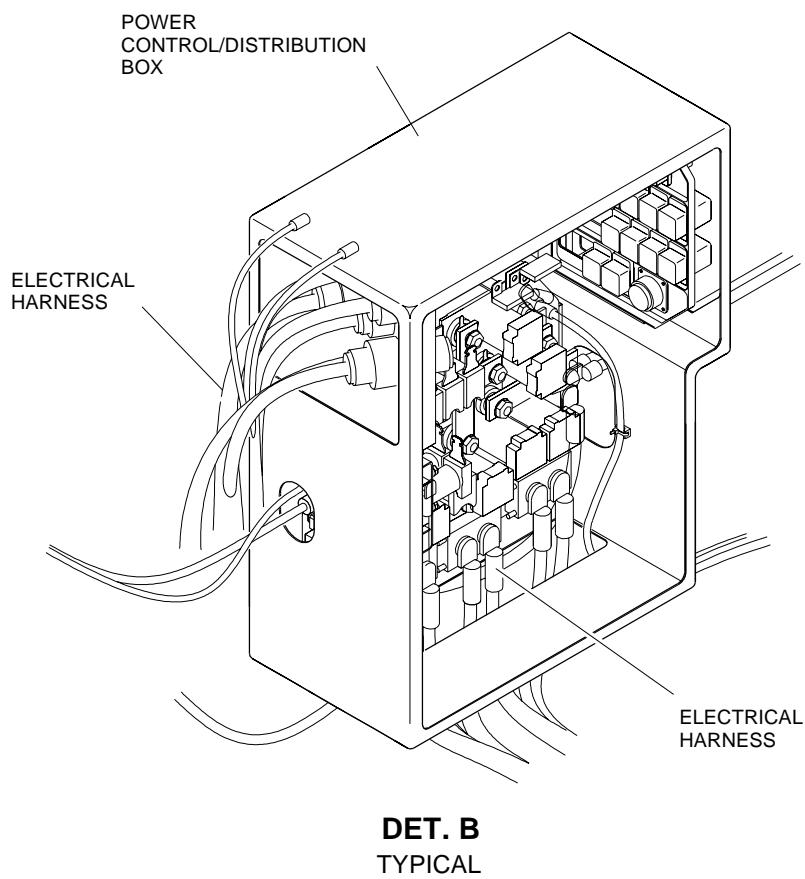
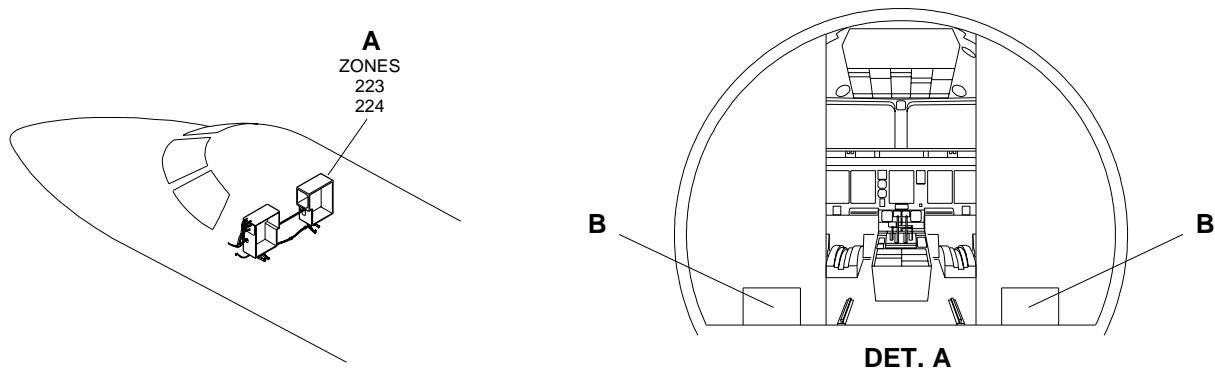
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- (1) Install the thermoacoustic insulation pads previously removed in zones 221/222/223/224 (AMM TASK 25-81-01-400-801-A/400, AMM TASK 25-81-01-400-802-A/400 or AMM TASK 25-81-01-400-803-A/400, as applicable).
- (2) Close access panels 223FLW, 223KLW, 223JLW, 223MZ, 223UZ, 224KRW, 224JRW, 224FRW, 224MZ, and 224NZ ([AMM MPP 06-41-03/100](#)).
- (3) Install glareshield panel 223AZ ([AMM TASK 31-12-01-400-801-A/400](#)).
- (4) Install main instrument panel 223BZ ([AMM TASK 31-11-01-400-801-A/400](#)).
- (5) Install LH/RH cockpit linings 223DLW, 223CLW, 224CRW, and 224DRW ([AMM TASK 25-12-09-400-801-A/400](#)).
- (6) Install LH/RH complement consoles 223ELW and 224ERW (AMM TASK 25-12-08-400-801-A/400).
- (7) Install LH aft console 223LZ ([AMM TASK 25-12-05-400-801-A/400](#)).
- (8) Install pedal assembly linings 223HZ and 224HZ ([AMM TASK 25-12-06-400-801-A/400](#)).
- (9) Install the pilot and copilot seats ([AMM TASK 25-11-01-400-801-A/400](#)).

EFFECTIVITY: ALL

EWIS Components in Forward Fuselage II (Cockpit Side) - Cleaning

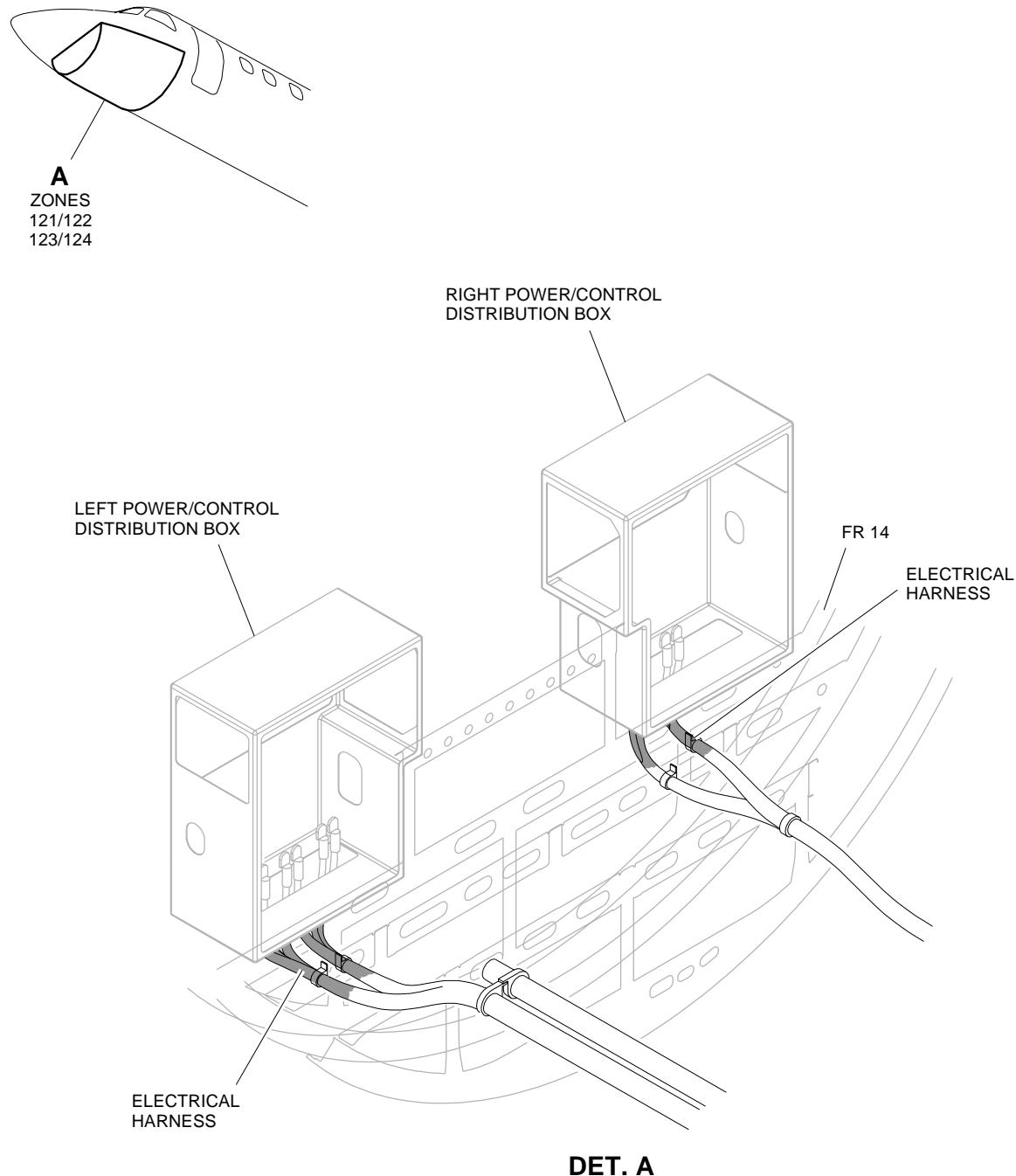
Figure 701



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EFFECTIVITY: ALL

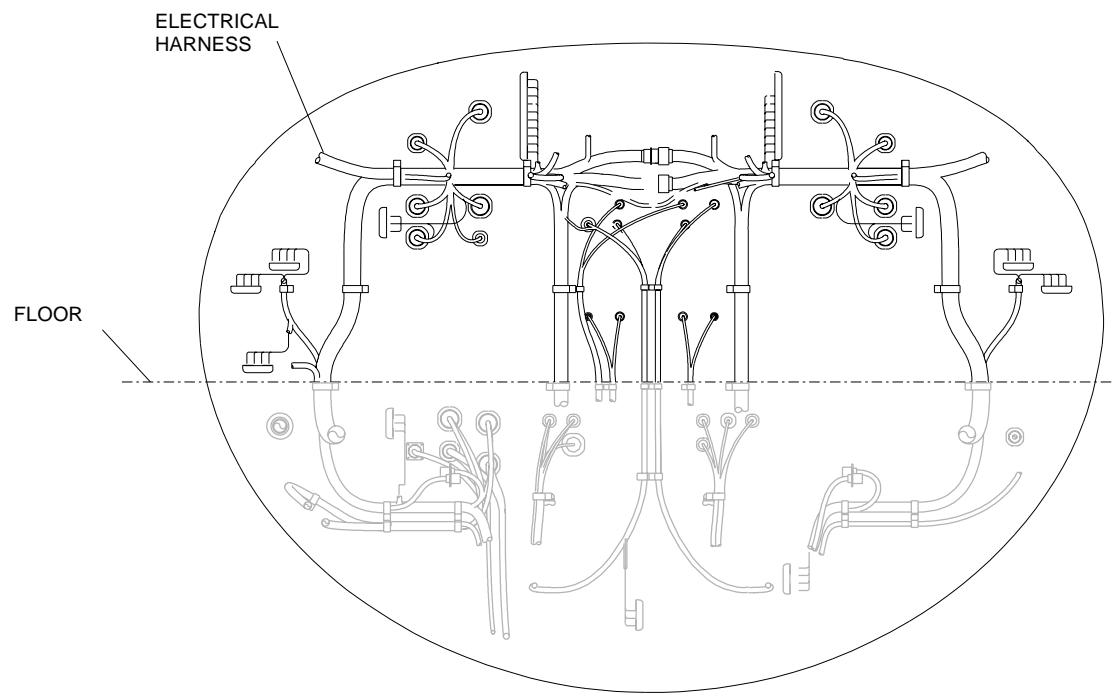
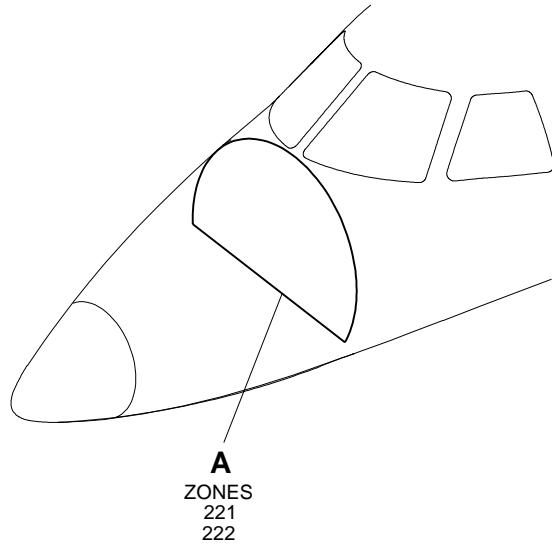
EWIS Components in Forward Fuselage II (Cockpit Side) - Cleaning
Figure 702



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EFFECTIVITY: ALL

EWIS Components in Forward Fuselage II (Forward Pressure-Bulkhead Upper Portion) - Cleaning
Figure 703



DET. A

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