



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

**EWIS COMPONENTS IN THE FORWARD FUSELAGE I (NLG AND ELECTRONIC COMPARTMENTS
AND PRESSURE BULKHEAD-UPPER SIDE) - CLEANING/PAINTING**

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to clean the EWIS components in the Forward Fuselage I (NLG & FWD Electronic Compartments, FWD Pressure Bulkhead - upper side).
- B. Zones: 113/114/213/214/215/216.
- 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
05-40-11-100-801-A ♦	EWIS COMPONENTS IN THE FORWARD FUSELAGE I (NLG & FWD ELECTRONIC COMPARTMENTS FWD PRESSURE BULKHEAD - UPPER SIDE) - CLEANING	ALL



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TASK 05-40-11-100-801-A

EFFECTIVITY: ALL

2. EWIS COMPONENTS IN THE FORWARD FUSELAGE I (NLG & FWD ELECTRONIC COMPARTMENTS FWD PRESSURE BULKHEAD - UPPER SIDE) - CLEANING

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives the instructions to do SMRD Task Number: 20-00-00-140-009-A00.
- (3) You must clean the EWIS components and adjacent area, at Forward Fuselage I, zones 113/114/213/214/215/216.
- (4) Do not unlac or displace the electrical wiring and components during the cleaning procedure.
- (5) Do not disconnect the electrical connectors during cleaning procedures. If contamination is found, clean only the exposed areas.
- (6) Refer to the preparation subtask for access panel information.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
SB145-32-0036	-
WM 20-21-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113		Forward fuselage I - LH
114		Forward fuselage I - RH
213		Electronic compartment - LH upper side
214		Electronic compartment - RH upper side
215		Pressure bulkhead - electronic comp - LH upper side
216		Pressure bulkhead - electronic comp - RH upper side



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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	Forward fuselage I

I. Preparation

SUBTASK 841-002-A

- (1) Identify and open access doors and panels 113AZ, 113BZ, 113CZ, 114AZ and 114BZ of forward fuselage I, at sub-zone 110 (AMM MPP 06-41-01/100) that give access to zones 113/114/213/214/215/216.
- (2) Make sure that the nose landing-gear-safety pin ([AMM TASK 32-00-01-910-801-A/200](#)) is installed.
- (3) On aircraft PRE-MOD [SB145-32-0036](#), make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (4) On aircraft POST-MOD [SB145-32-0036](#), install the safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

J. EWIS Components in the Forward Fuselage I (NLG & FWD Electronic Compartments, FWD Pressure Bulkhead - upper side) - Cleaning ([Figure 701](#))

SUBTASK 160-002-A

- (1) The cleaning procedure of this task is applicable to the specified components or assemblies of an area/zone.
- (2) Do the cleaning procedure as follows:
 - (a) Use a vacuum cleaner and/or clean and dry cloth to remove the particles from the Forward Fuselage I (NLG & FWD Electronic Compartments, FWD Pressure Bulkhead upper side).



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- (b) If contamination is found, clean the EWIS components and adjacent area. Refer to WM 20-21-00, Section Cleaning Procedures.

K. Follow-on

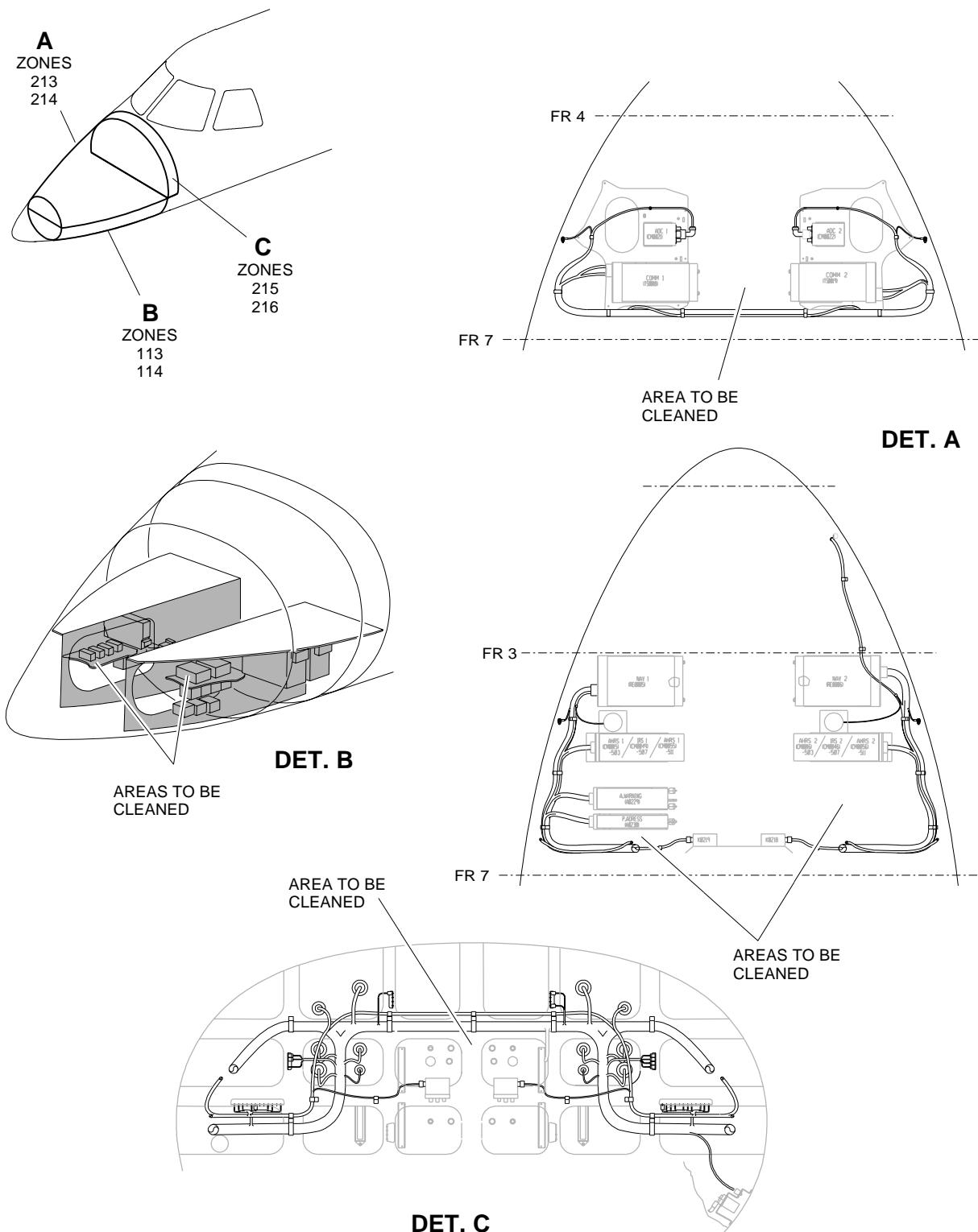
SUBTASK 842-002-A

- (1) Close access doors and panels 113AZ, 113BZ, 113CZ, 114AZ and 114BZ of forward fuselage I, at sub-zone 110 (AMM MPP 06-41-01/100) that give access to zones 113/114/213/214/215/216 .
- (2) On aircraft POST-MOD [SB145-32-0036](#), remove the safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

EFFECTIVITY: ALL

EWIS Components in the Forward Fuselage I (NLG & FWD Electronic Compartments, FWD Pressure Bulkhead upper side) - Cleaning

Figure 701



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