



AIRCRAFT
MAINTENANCE MANUAL

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

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the EWIS components in the Forward Fuselage I (NLG Electronic Compartment, 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
05-40-11-200-801-A ♦	EWIS COMPONENTS IN FORWARD FUSELAGE I (NLG ELECTRONIC COMPARTMENT)- GENERAL VISUAL INSPECTION	ALL
05-40-11-200-802-A ♦	EWIS COMPONENTS IN THE FORWARD FUSELAGE I (FWD ELECTRONIC COMPARTMENT AND FWD PRESSURE BULKHEAD - UPPER SIDE) - DETAILED VISUAL INSPECTION	ALL



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TASK 05-40-11-200-801-A

EFFECTIVITY: ALL

2. EWIS COMPONENTS IN FORWARD FUSELAGE I (NLG ELECTRONIC COMPARTMENT)-
GENERAL VISUAL INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives the instructions to do SMRD Task Number: 20-00-00-212-012-A00.
- (3) You must do the internal general visual inspection (GVI) of Forward Fuselage I, zones 113/114 for EWIS components of wiring bundles.
- (4) The function of the internal general visual inspection (GVI) 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

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 20-22-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113AZ	Forward fuselage I - LH
113	113BZ	Forward fuselage I - LH
114	114AZ	Forward fuselage I - RH
114	114BZ	Forward fuselage I - RH

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Flashlight	To make inspection of the area easier	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Forward fuselage I

I. Preparation
SUBTASK 841-002-A

- (1) Identify and open access doors and panels 113AZ, 113BZ, 114AZ and 114BZ of forward fuselage I, at sub-zone 110 (AMM MPP 06-41-01/100) that give access to zones 113 and 114.
- (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 Electronic Compartment) - General Visual Inspection ([Figure 601](#))
SUBTASK 212-002-A

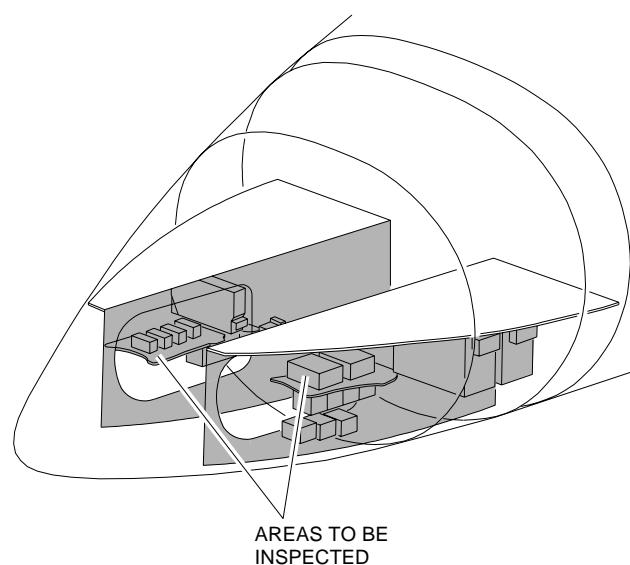
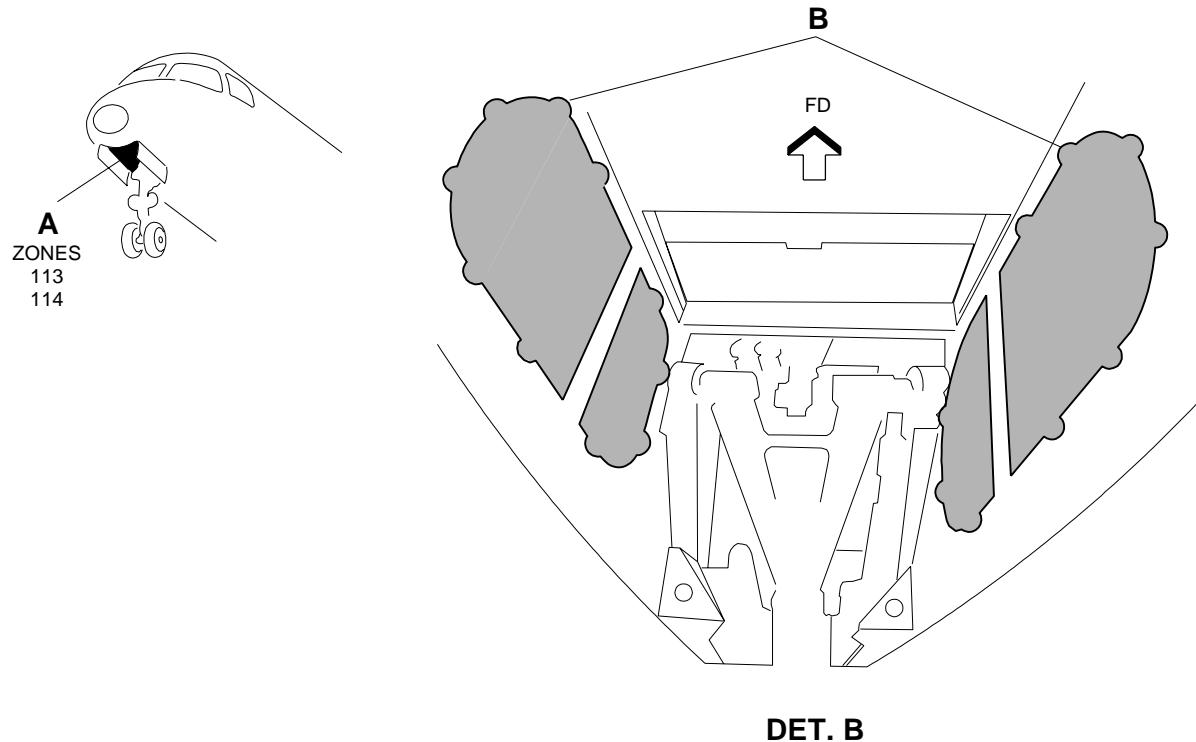
- (1) Do a Internal general visual inspection on the Forward Fuselage I (NLG Electronic Compartment), wiring bundles, and connected EWIS, for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on
SUBTASK 842-002-A

- (1) Close access doors and panels 113AZ, 113BZ, 114AZ and 114BZ of forward fuselage I, at sub-zone 110 (AMM MPP 06-41-01/100) that give access to zones 113 and 114.
- (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 Electronic Compartment) - General Visual Inspection
Figure 601



DET. B

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TASK 05-40-11-200-802-A

EFFECTIVITY: ALL

3. EWIS COMPONENTS IN THE FORWARD FUSELAGE I (FWD ELECTRONIC COMPARTMENT AND FWD PRESSURE BULKHEAD - UPPER 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: 20-00-00-220-009-A00.
- (3) You must do the internal detailed visual inspection of Forward Fuselage I, zones 213/214/215/216 for EWIS components of 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) Prevent to unlacing or displacing the electrical wiring and components, during the inspections.
- (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 20-22-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Forward fuselage I - LH
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

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Flashlight	To make inspection of the area easier	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Forward fuselage I

I. Preparation
SUBTASK 841-003-A

- (1) Identify and open the access door 113CZ of forward fuselage I, at sub-zone 110 (AMM MPP 06-41-01/100) that give access to zones 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 (FWD Electronic Compartment and FWD Pressure Bulkhead - upper side) - Detailed Visual Inspection ([Figure 602](#))
SUBTASK 212-003-A

- (1) Do a detailed visual inspection on the Forward Fuselage I (FWD Electronic Compartment and FWD Pressure Bulkhead upper side), wiring bundles, and connected EWIS components, for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

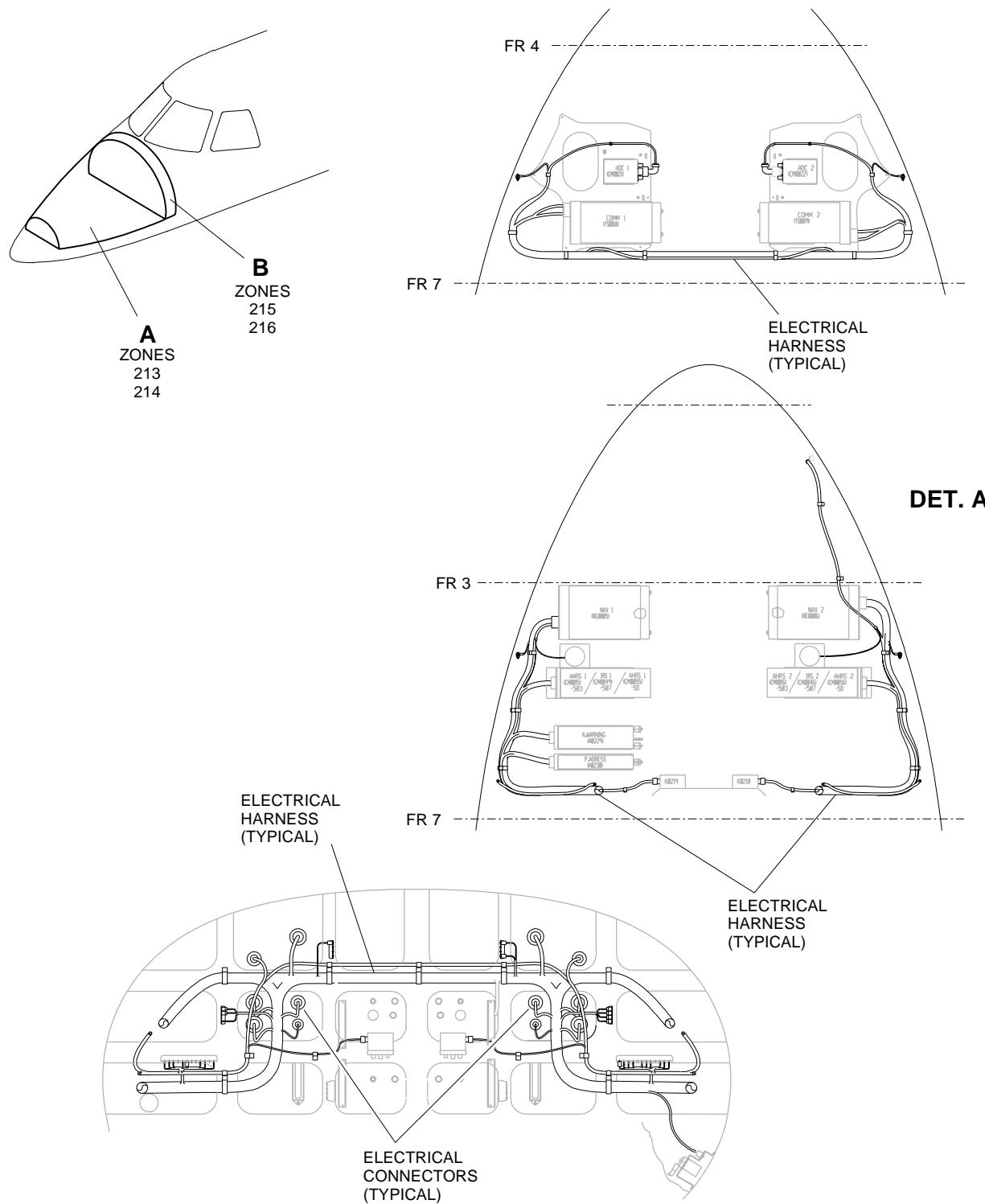
K. Follow-on
SUBTASK 842-003-A

- (1) Close access door 113CZ of forward fuselage I, at sub-zone 110 (AMM MPP 06-41-01/100) that give access to zones 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 (FWD Electronic Compartment and FWD Pressure Bulkhead upper side) - Detailed Visual Inspection

Figure 602



DET. B

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