



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

FORWARD FUSELAGE I - ELECTRONIC COMPARTMENT - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of NLG & FWD Electronic Compartments / FWD Pressure Bulkhead upper side for general condition.
- B. Related Zones: 113/114/213/214/215/216.
- C. Zone Boundaries: STA X = 600.0 thru STA X = 2364.0.
- 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
05-20-07-200-801-A ♦	NLG & FWD ELECTRONIC COMPARTMENTS / FWD PRESSURE BULKHEAD UPPER SIDE - INTERNAL GENERAL VISUAL INSPECTION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 05-20-07-200-801-A

EFFECTIVITY: ALL

2. NLG & FWD ELECTRONIC COMPARTMENTS / FWD PRESSURE BULKHEAD UPPER SIDE - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives instructions to do SRMD Zonal Task 53-Z213-214-001-A00.
- (3) You must do the internal general visual inspection (GVI) of forward fuselage I, at zones 113/114/213/214/215/216, within a touching distance of the items examined.
- (4) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (5) Apart from any specific targets defined in the Zonal Inspection task, a General Visual Inspection (GVI) must be conducted of the entire zone specified and includes all installations, components and structures. Refer to AMM Introduction for zonal inspection criteria.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 12-23-00-600-801-A/300	-
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-000-802-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
AMM TASK 25-81-01-400-802-A/400	-
WM 20-22-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113AZ	Forward electronic compartment
113	113BZ	Forward electronic compartment
113	113CZ	Forward electronic compartment
114	114AZ	Forward electronic compartment
114	114BZ	Forward electronic compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Stand	To get access to the inspection 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 I - electronic compartment

I. Preparation ([Figure 601](#))
SUBTASK 841-002-A

- (1) Put the stand in position.
- (2) Open access panel 113AZ, 113BZ, 113CZ, 114AZ, and 114BZ (AMM MPP 06-41-01/100) ([Figure 601](#)).
- (3) Remove thermoacoustic insulation pads, at zones 213/214/215/216 (AMM TASK 25-81-01-000-801-A/400) or (AMM TASK 25-81-01-000-802-A/400) as applicable.

J. Internal General Visual Inspection ([Figure 602](#))
SUBTASK 212-002-A

- (1) Examine the interior of the zone for loose rivets, skin deformation, nicks, cracks, dents, sealant poor condition, scratches, couges, creases, erosion, corrosion, rack structures, painting, and deteriorated protective treatment and foreign objects.
- (2) Examine the splices, circumferential splices, stringers, frames/bulkheads and pressure bulkhead for loose rivets, scratches, couges, creases, cracks, skin deformation, painting, corrosion, and deteriorated protective treatment ([Figure 602](#)).
- (3) Examine drains for signs of corrosion. Also do a check for blockage and correct operation (AMM TASK 12-23-00-600-801-A/300).
- (4) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

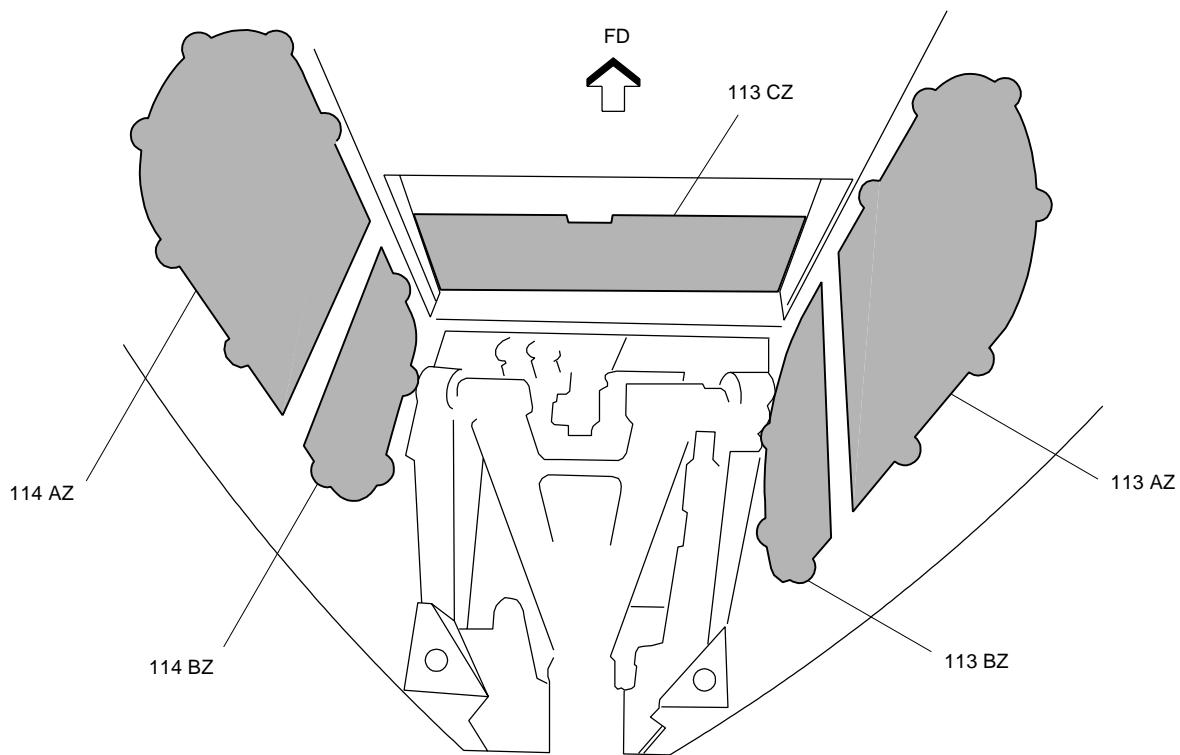
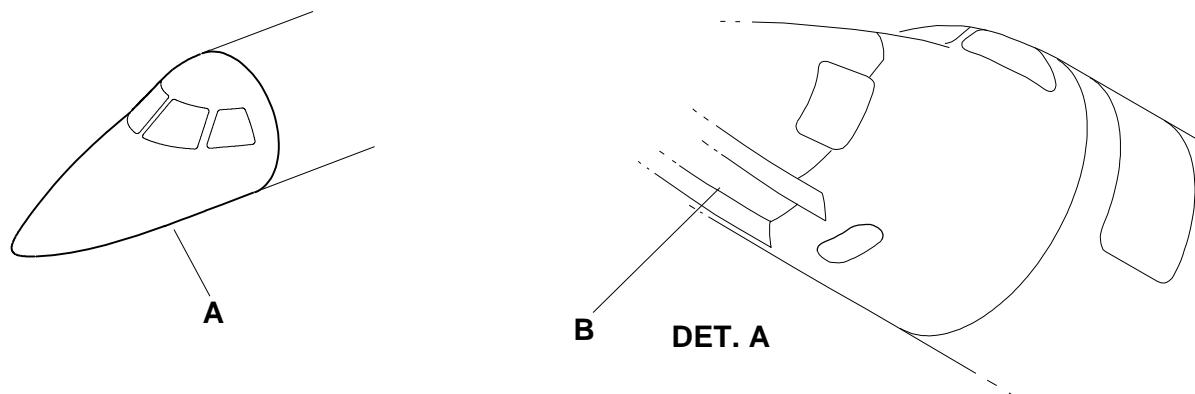
K. Follow-on
SUBTASK 841-002-B

- (1) Install thermoacoustic insulation pads, at zones 213/214/215/216 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (2) Close access panel 113AZ, 113BZ, 113CZ, 114AZ, and 114BZ (AMM MPP 06-41-01/100).
- (3) Remove the stand in position.

EFFECTIVITY: ALL

Forward Fuselage I - Electronic Compartment - Access Panel

Figure 601

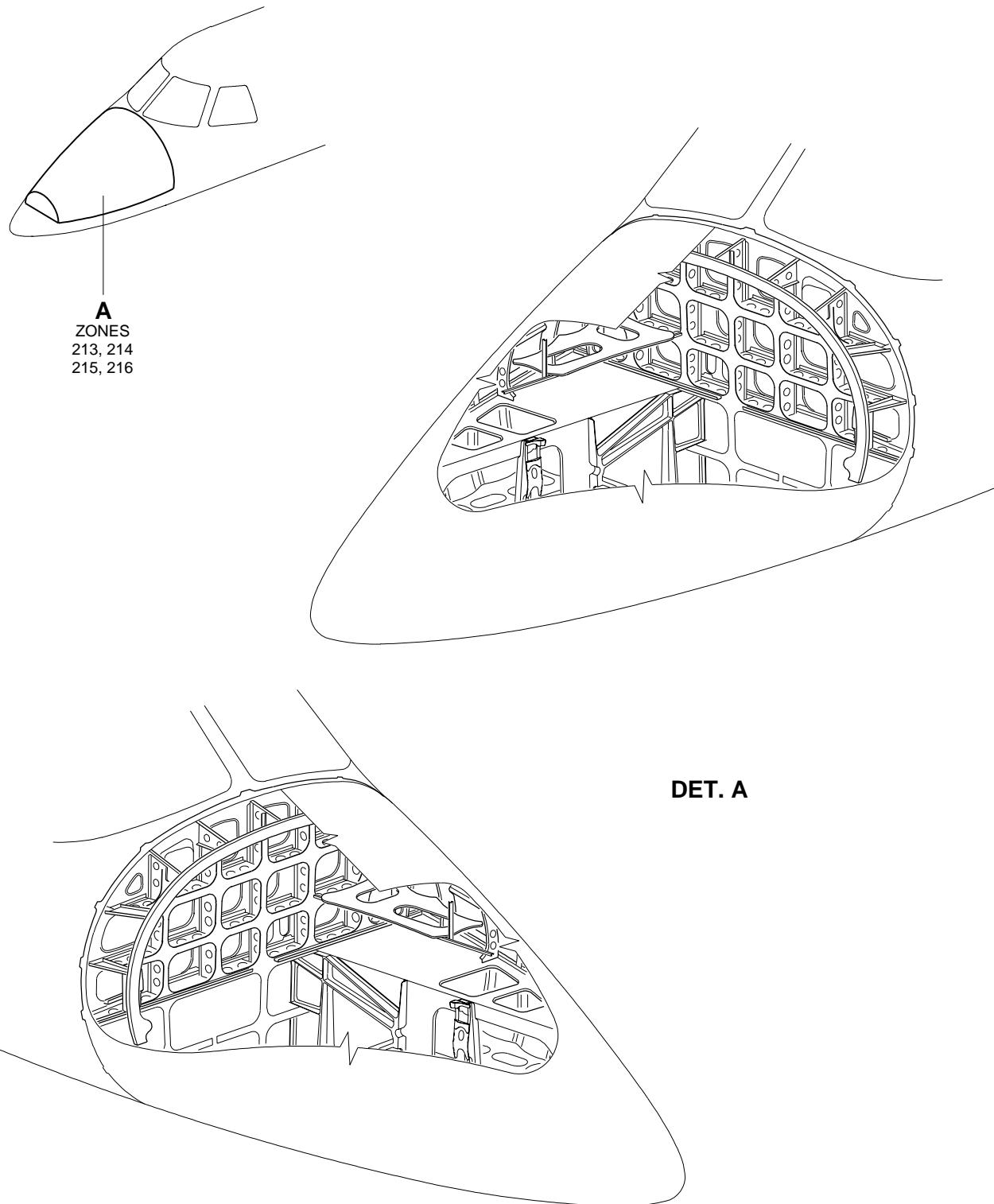


DET. B

EM145AMM050257A.DGN

EFFECTIVITY: ALL

Forward Fuselage I - Electronic Compartment - Internal General Visual Inspection
Figure 602



145AMM050255.MCE

