



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

FORWARD FUSELAGE I LH/RH SIDES - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of forward fuselage I LH side for general condition.
- B. Related Zones: 113.
- 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 |
|----------------------|---|-------------|
| 05-20-04-200-801-A ♦ | FORWARD FUSELAGE I LH SIDE - INTERNAL GENERAL VISUAL INSPECTION | ALL |



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TASK 05-20-04-200-801-A

EFFECTIVITY: ALL

2. FORWARD FUSELAGE I LH SIDE - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SRMD Zonal Task 53-Z113-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of forward fuselage I, at zone 113, within a touching distance of the items examined.
- (3) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

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 | - |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|--------------------|
| 113 | 113DL | Forward fuselage I |
| 113 | 113EL | Forward fuselage I |

D. Tools and Equipment

| ITEM | DESCRIPTION | PURPOSE | QTY |
|----------|-------------|--------------------------------------|-----|
| Standard | Ladder | 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 LH side |



I. Preparation ([Figure 601](#))

SUBTASK 841-002-A

- (1) Put the ladder in position.
- (2) Open access doors and panels 113DL and 113EL (AMM MPP 06-41-01/100) ([Figure 601](#)).
- (3) Remove thermoacoustic insulation pads, at zone 113 (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 drains for signs of corrosion. Also do a check for blockage and correct operation (AMM TASK 12-23-00-600-801-A/300).
- (3) Examine the battery compartment and GPU receptacle for cleanliness, loose contacts, corrosion, deteriorated protective treatment, broken strands, rupture, bend, frays, cracks, crushing, disconnection, rack structures, and signs of overheating at the cable between external power receptacle and battery 2 ([Figure 602](#)).

K. Follow-on

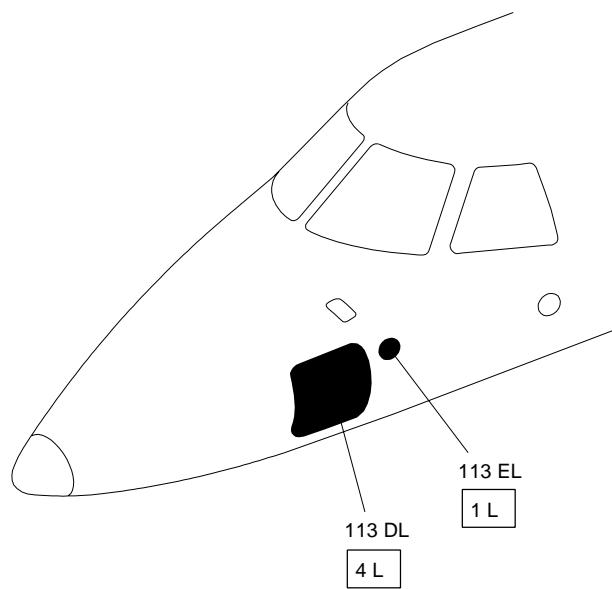
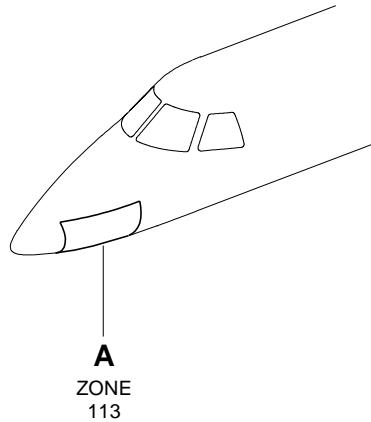
SUBTASK 842-002-A

- (1) Install thermoacoustic insulation pads, at zone 113 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (2) Close access doors and panels 113DL and 113EL (AMM MPP 06-41-01/100).
- (3) Remove the ladder.

EFFECTIVITY: ALL

Forward Fuselage I LH Side - Access Doors and Panels

Figure 601

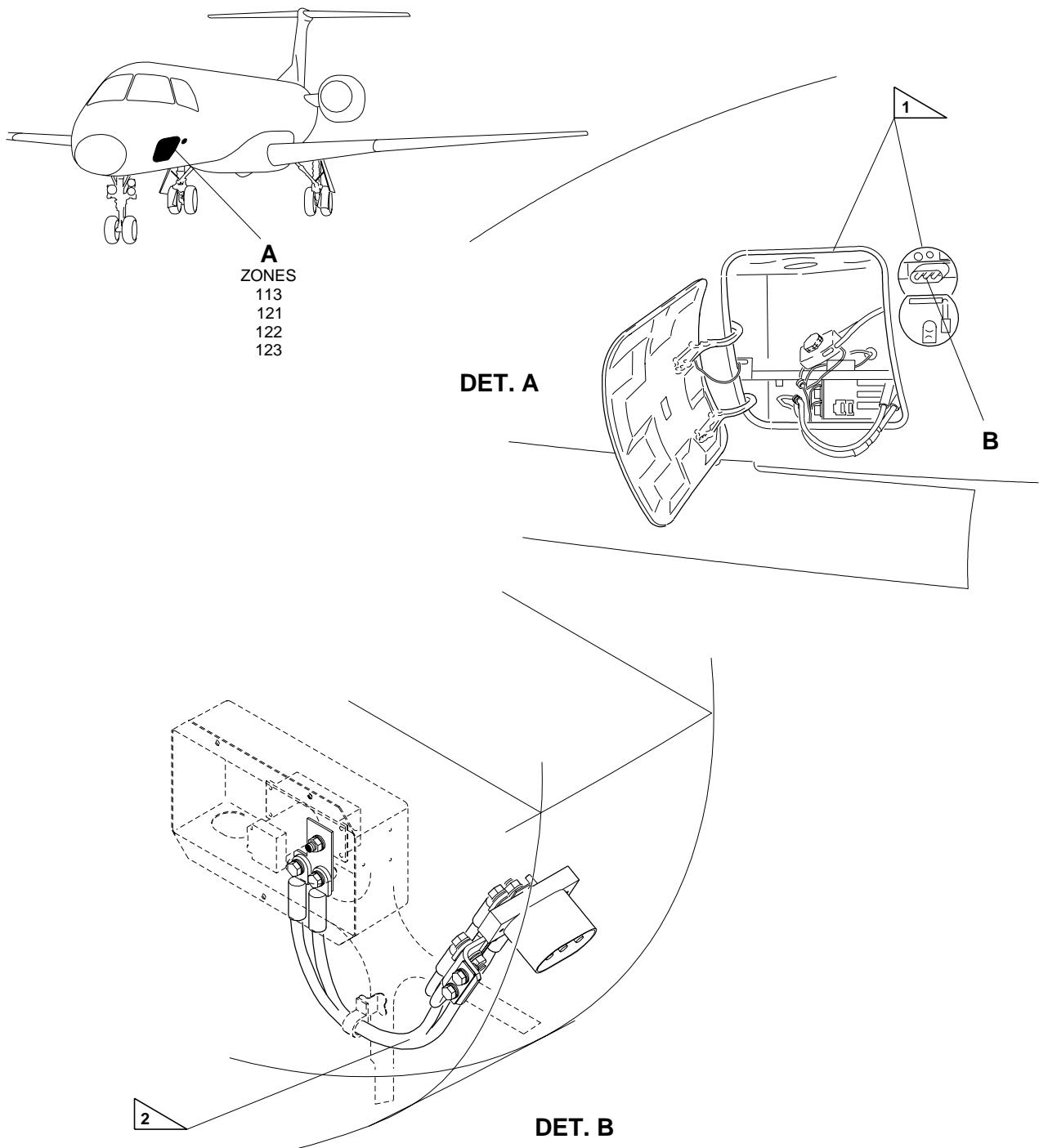


DET. A

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EFFECTIVITY: ALL

Forward Fuselage I LH Side - GPU Receptacle and Battery Compartment
Figure 602



1 INTERNALLY INSPECT THE BATTERY COMPARTMENT AND GPU COMPARTMENT.

2 INSPECT THE GPU RECEPTACLE.

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