



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

FORWARD FUSELAGE I - RADOME - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of forward fuselage I - radome for general condition.
- B. Related Zone: 111.
- C. Zone Boundaries: STA X = 0 thru STA X = 600.0.
- 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
05-20-02-200-801-A ♦	FORWARD FUSELAGE I - RADOME - INTERNAL GENERAL VISUAL INSPECTION	ALL



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TASK 05-20-02-200-801-A

EFFECTIVITY: ALL

2. FORWARD FUSELAGE I - RADOME - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SRMD Zonal Task 53-Z111-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of forward fuselage I, in zone 111, at a distance from which you can touch the items that you will examine.
- (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 06-30-00/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
111		Forward fuselage I

D. Tools and Equipment

Not Applicable

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 - radome

I. Preparation

SUBTASK 841-002-A

- (1) (Aircraft equipped with one weather radar controller) On the circuit breaker panel, open the RADAR circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) (Aircraft equipped with two weather radar controllers) On the circuit breaker panel, open the RADAR CONT 1 and RADAR CONT 2/RTA circuit breakers and attach DO-NOT-CLOSE tags to them.



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- (3) Open the radome and lock it in a safe position to get access to the weather RTA (AMM MPP 06-30-00/100).

J. Internal General Visual Inspection ([Figure 601](#)) ([Figure 602](#))

SUBTASK 212-002-A

- (1) Examine the interior of the zone for loose rivets, skin deformation, nicks, cracks, dents, delaminations, sealant condition, scratches, erosion, painting, deteriorated protective treatment, rubber seal condition, and bonding jumper condition (e.g. signs of overheating, rupture, broken strands, and frays) ([Figure 601](#)).
- (2) Examine the glide slope antenna for dirt condition, skin deformation, nicks, cracks, dents, scratches, erosion, corrosion, painting, sealant condition, disconnection, signs of overheating ([Figure 602](#)).
- (3) Examine the radar for loose rivets, dirt condition, nicks, cracks, dents, painting, sealant condition, corrosion, broken strands, rupture, bend, signs of overheating, frays, cracks, and crushing ([Figure 602](#)).

K. Follow-on

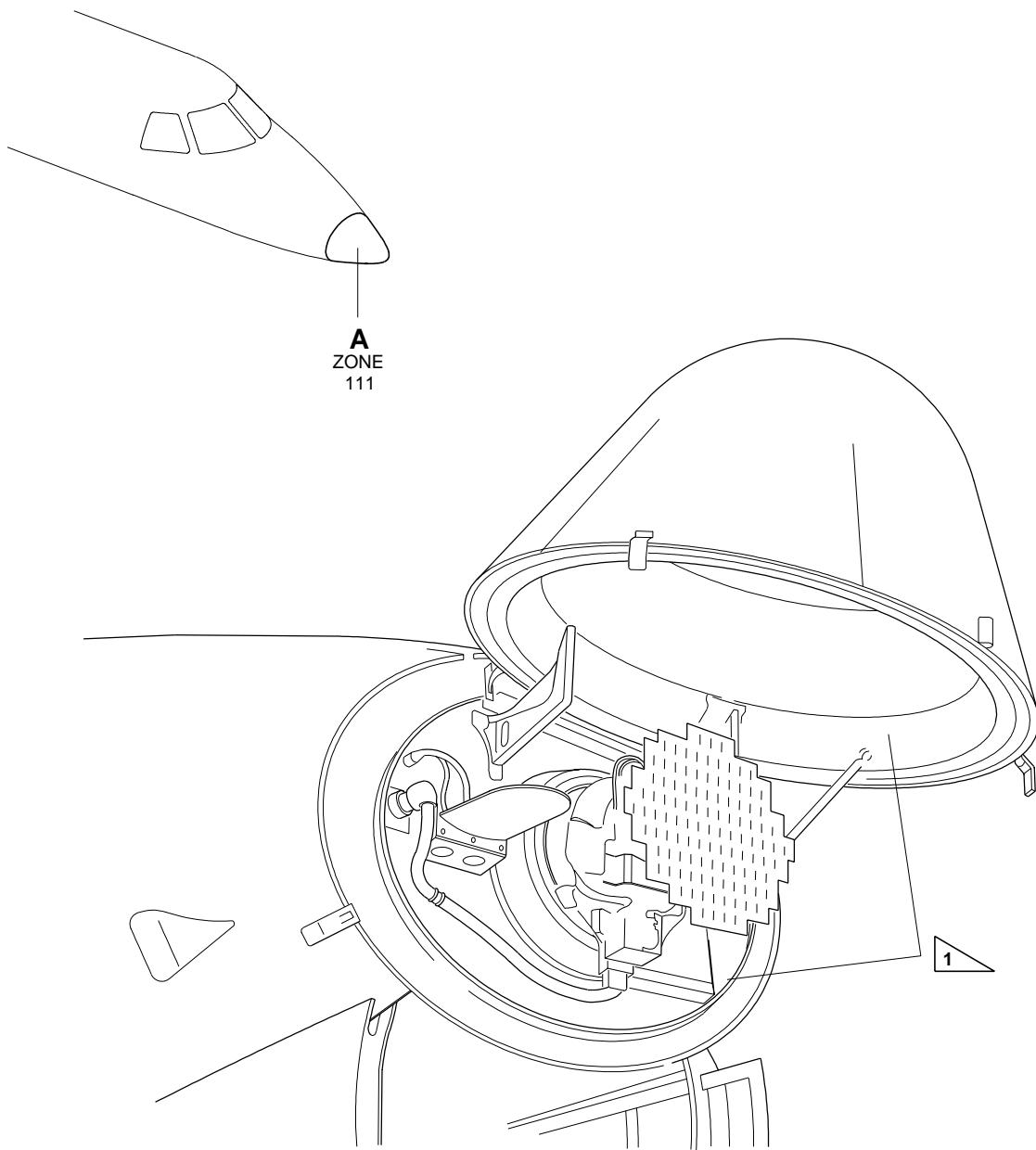
SUBTASK 842-002-A

- (1) (Aircraft equipped with one weather radar controller) On the circuit breaker panel, close the RADAR circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (2) (Aircraft equipped with two weather radar controllers) On the circuit breaker panel, close the RADAR CONT 1 and RADAR CONT 2/RTA circuit breakers, and remove the DO-NOT-CLOSE tags from them.
- (3) Close the radome and lock it.

EFFECTIVITY: ALL

Radome - Internal General Visual Inspection

Figure 601



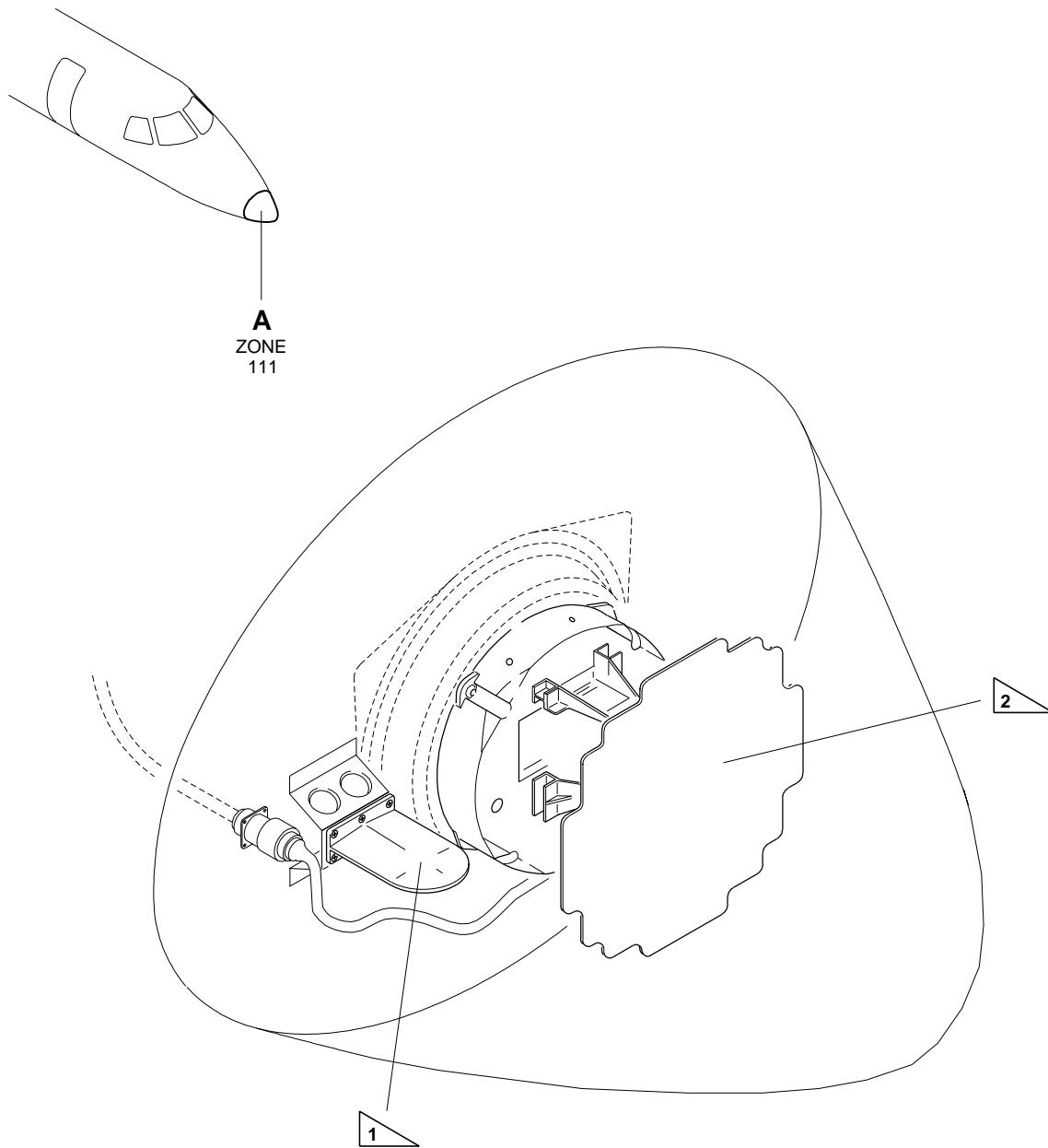
1 INTERNALLY INSPECT THE FUSELAGE AT RADOME

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EFFECTIVITY: ALL

Glide Slope Antenna and Weather Radar - Internal General Visual Inspection

Figure 602



 1 INTERNALLY INSPECT THE FUSELAGE AT GLIDE SLOPE ANTENNA

 2 INTERNALLY INSPECT THE FUSELAGE AT WEATHER RADAR

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