



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

RADOME - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the Radome.
- B. 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
53-11-01-000-801-A	RADOME - REMOVAL	ALL
53-11-01-400-801-A	RADOME - INSTALLATION	ALL



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TASK 53-11-01-000-801-A

EFFECTIVITY: ALL

2. RADOME - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the Radome.

B. References

REFERENCE	DESIGNATION
CMM P/N 4980-100 - 53-10-00	-

C. Zones and Accesses

Not Applicable

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	In forward fuselage

I. Preparation

*SUBTASK 841-002-A*

- (1) Open the radome.

J. Removal ([Figure 401](#))

*SUBTASK 020-002-A*

- (1) Remove the nut (11), washer (10), and screw (8) that attach each of the two bonding jumpers (9).
- (2) Remove the cotter pin (1), nut (2), washer (3), and bolt (14) from the two radome front hinge (12) attaching points.
- (3) Remove the cotter pin (4), nut (5), washer (6), and bolt (7) from the two radome rear hinge (13) attaching points.
- (4) Remove the radome.

NOTE: Examine the radome for general condition. If it is necessary to do a repair and/or rework on the radome, it is recommended that it be done in a



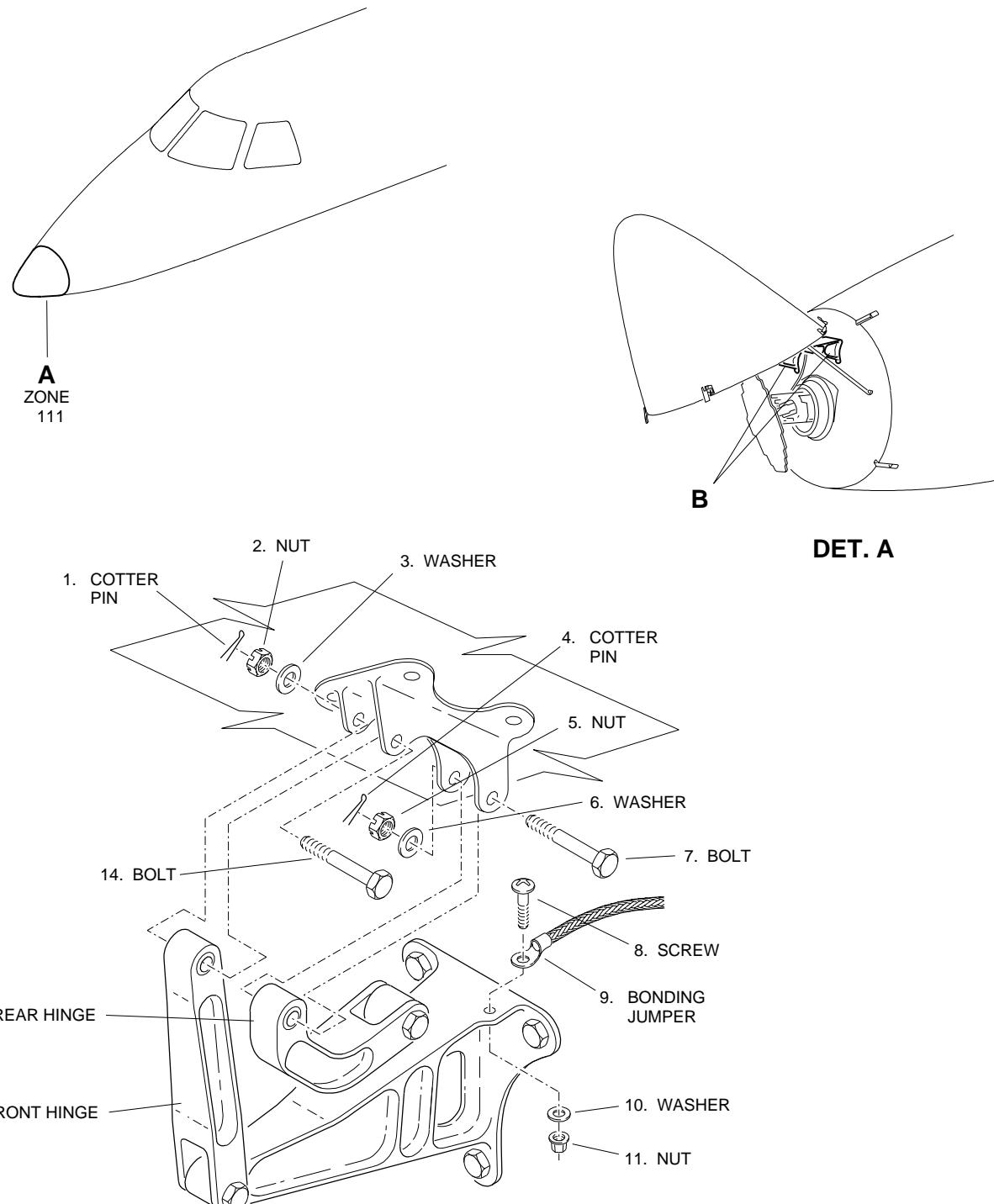
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specialized shop, such as NORTON facilities (refer to NORTON Component Maintenance Manual - CMM P/N 4980-100 - 53-10-00).

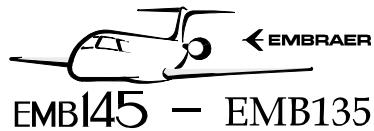
**EFFECTIVITY: ALL**

Radome - Removal/Installation

Figure 401


**DET. B**

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TASK 53-11-01-400-801-A

EFFECTIVITY: ALL

3. RADOME - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the Radome.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-13-21-700-801-A/200	ELECTRICAL BONDING TEST - STANDARD PROCEDURES
AMM TASK 53-11-01-820-801-A/500	-
IPC 53-14-00	RADOME

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cotter pin	IPC 53-14-00	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In forward fuselage

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the radome in its installation position.
- (2) Install the bolt (7), washer (6), nut (5), and cotter pin (4) to their rear hinge (13) attaching points in the two fittings.
- (3) Install the bolt (14), washer (3), nut (2), and cotter pin (1) to their front hinge (12) attaching points in the two fittings.
- (4) Install the two bonding jumpers (9) and attach them with the related screw (8), washer (10), and nut (11).



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J. Follow-on

SUBTASK 842-002-A

- (1) Do the electrical-bonding test procedure as given in [AMM TASK 20-13-21-700-801-A/200](#).
- (2) Adjust the Radome according to AMM TASK 53-11-01-820-801-A/500.