



AIRCRAFT
MAINTENANCE MANUAL

RADOME POLYURETHANE FILM - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. The procedures given in this section are applicable to the inspection of the original and additional radome polyurethane films for erosion or small damage.
- 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
53-11-05-200-801-A ♦	RADOME POLYURETHANE FILM - INSPECTION/CHECK	ALL

TASK 53-11-05-200-801-A
EFFECTIVITY: ALL
2. RADOME POLYURETHANE FILM - INSPECTION/CHECK
A. General

- (1) This task gives the procedures to do a visual inspection on the original and additional radome polyurethane films.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 53-11-05-000-801-A/400	POLYURETHANE FILM - REMOVAL
AMM TASK 53-11-05-400-801-A/400	POLYURETHANE FILM - APPLICATION

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
111		Radome

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MEP 21-012	Neutral liquid detergent	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Outside the aircraft

I. Preparation
SUBTASK 841-002-A

WARNING: WEAR RUBBER GLOVES AS A PROTECTION AGAINST CHEMICAL PRODUCTS.

CAUTION: THE RADOME POLYURETHANE FILMS MUST BE FREE OF OIL, GREASE, AND RESIN.

- (1) To remove fingerprints, dirt, and contaminants:



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- (a) Lightly rub the surface of the radome polyurethane films with a soft cloth soaked in neutral detergent.
- (b) Clean the surface with water to remove the detergent from the radome.
- (c) Dry the wet surface with a soft clean cloth or let it air-dry.

J. Visual Inspection of the Radome Polyurethane Film

SUBTASK 212-002-A

- (1) Do a visual inspection on the radome polyurethane films for erosion or small damage.
- (2) If a damage is found, do as follows:
 - (a) Do a check to see if the aircraft structure is also damaged. If it is, refer to the applicable section of the CMM. If not, do the steps that follow:
 - 1 Release the aircraft for up to 50 FC.
 - 2 Before the fly-by period ends, remove the damaged polyurethane film ([AMM TASK 53-11-05-000-801-A/400](#)) and do a check to see if the aircraft structure is damaged. If it is, refer to the applicable section of the CMM. If not, install a new polyurethane film ([AMM TASK 53-11-05-400-801-A/400](#)).

