

**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

REFERENCE	DESIGNATION
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

ZONE	PANEL/DOOR	LOCATION
111		Radome

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

Not Applicable

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MEP 21-012	Neutral liquid detergent	AR

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
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:

- (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](#)).

