



AIRCRAFT
MAINTENANCE MANUAL

VERTICAL STABILIZER LEADING-EDGE POLYURETHANE FILM - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. The procedures given in this section are applicable to the inspection of the vertical stabilizer leading-edge polyurethane film for erosion or small damage.
- B. The procedures in this section are given in the sequence below:
- C. 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
55-30-00-200-801-A ♦	VERTICAL STABILIZER LEADING-EDGE POLYURETHANE FILM - INSPECTION/ CHECK	ALL

TASK 55-30-00-200-801-A
EFFECTIVITY: ALL
2. VERTICAL STABILIZER LEADING-EDGE POLYURETHANE FILM - INSPECTION/CHECK
A. General

- (1) This task gives the procedures to do a visual inspection on the vertical stabilizer leading-edge polyurethane film.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 55-35-01/400	- REMOVAL/INSTALLATION

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
323		Vertical Stabilizer Leading-Edge

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 13-073	Rhodiasolve E-23	AR
Commercially available	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 TO PROTECT YOURSELF AGAINST CHEMICAL PRODUCTS.

CAUTION: THE VERTICAL STABILIZER LEADING-EDGE POLYURETHANE FILM MUST BE FREE OF OIL, GREASE, AND RESIN.

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

- (a) Lightly rub the surface of the vertical stabilizer leading-edge with a soft cloth soaked in neutral detergent.
 - (b) Clean the surface with water to remove the detergent from the vertical stabilizer leading-edge.
 - (c) Dry the wet surface with a soft clean cloth or permit it to air-dry.
- (2) To remove oil, grease, or other heavy contaminants:
 - (a) Lightly rub the surface of the vertical stabilizer leading-edge with a soft cloth soaked in Rhodiasolve E-23 or similar product.
 - (b) Rub the area with a clean dry cloth before the solvent evaporation.
- J. Inspect (Visual Inspection) the Vertical Stabilizer Leading-Edge Polyurethane Film
- SUBTASK 212-002-A**
- (1) Visually inspect the vertical stabilizer leading-edge polyurethane film for erosion or small damage.
 - (2) If you find damage or missing polyurethane film part, 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 SRM. If not, do the steps that follow:
 - 1 If the aircraft must be released immediately, do these steps below:
 - a Release the aircraft for up to 50 FC.
 - b Within the 50 FC, apply speed tape, according to SRM PART II 51-71-12/1 and inspect the damaged area weekly to make sure that the speed tape is in perfect condition, or replace the affected polyurethane film.
 - c If the speed tape is applied, release the aircraft up to next heavy maintenance check. However, the operator may reduce this interval check at his discretion.
 - 2 If it is not necessary to release the aircraft immediately, do the replacement of the polyurethane film and make sure that there is no damage on aircraft structure. Refer to [AMM MPP 55-35-01/400](#).

