



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

HORIZONTAL STABILIZER - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. The procedures given in this section are applicable to the inspection on the polyurethane film on the horizontal stabilizer tip and leading-edge root fairing 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
55-10-00-200-801-A ♦	POLYURETHANE FILM ON HORIZONTAL STABILIZER TIP AND LEADING-EDGE ROOT FAIRING - INSPECTION/CHECK	ALL



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TASK 55-10-00-200-801-A

EFFECTIVITY: ALL

2. POLYURETHANE FILM ON HORIZONTAL STABILIZER TIP AND LEADING-EDGE ROOT FAIRING - INSPECTION/CHECK

A. General

- (1) This task gives the procedures to do a visual inspection on the polyurethane film on the horizontal stabilizer tip and leading-edge root fairing.

B. References

REFERENCE	DESIGNATION
AMM MPP 55-14-01/400	- REMOVAL/INSTALLATION
AMM MPP 55-15-01/400	- REMOVAL/INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
333/334		Horizontal Stabilizer Tip

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MEP 13-073	Rhodiasolve E-23	AR
Commercially available	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 TO PROTECT YOURSELF AGAINST CHEMICAL PRODUCTS.

CAUTION: THE POLYURETHANE FILM ON THE HORIZONTAL STABILIZER TIP AND LEADING-EDGE ROOT FAIRING MUST BE FREE OF OIL, GREASE, AND RESIN.

- (1) To remove fingerprints, dirt, and minor contaminants:
 - (a) Lightly rub the surfaces of the horizontal stabilizer tip and leading-edge root fairings with a soft cloth soaked in neutral detergent.
 - (b) Clean the surfaces with water to remove the detergent from the horizontal stabilizer tip and the leading-edge root fairings.
 - (c) Dry the wet surfaces with a soft clean cloth or let them air-dry.
 - (2) To remove oil, grease, or other heavy contaminants:
 - (a) Lightly rub the surfaces of the horizontal stabilizer tip and leading-edge root fairings with a soft cloth soaked in Rhodiasolve E-23 or similar product.
 - (b) Rub the area with a clean dry cloth before the solvent evaporates.
- J. Visual Inspection of the Polyurethane Film on the Horizontal Stabilizer Tip and Leading-Edge Root Fairing
- SUBTASK 212-002-A**
- (1) Do a visual inspection on the polyurethane film on the horizontal stabilizer tip and the leading-edge root fairings for erosion or small damage.
 - (2) If a damage is found, refer to [AMM MPP 55-14-01/400](#) and [AMM MPP 55-15-01/400](#) to replace the polyurethane film.

