



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

**NACA-AIR-INTAKE POLYURETHANE FILM AT THE FORWARD WING-TO-FUSELAGE FAIRING -
INSPECTION/CHECK**

EFFECTIVITY: ALL

1. General

- A. The procedures given in this section are applicable to the inspection of the naca-air-intake polyurethane film at the forward wing-to-fuselage fairing 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
53-04-02-200-801-A ♦	NACA-AIR-INTAKE POLYURETHANE FILM AT THE FORWARD WING-TO-FUSE- LAGE FAIRING - INSPECTION/CHECK	ALL



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TASK 53-04-02-200-801-A

EFFECTIVITY: ALL

2. NACA-AIR-INTAKE POLYURETHANE FILM AT THE FORWARD WING-TO-FUSELAGE FAIRING - INSPECTION/CHECK

A. General

- (1) This task gives the procedures to do a visual inspection on the naca-air-intake polyurethane film at the forward wing-to-fuselage fairing.

B. References

REFERENCE	DESIGNATION
AMM TASK 53-04-02-000-801-A/400	NACA-AIR-INTAKE POLYURETHANE FILM AT THE FORWARD WING-TO-FUSELAGE FAIRING- REMOVAL
AMM TASK 53-04-02-400-801-A/400	NACA-AIR-INTAKE POLYURETHANE FILM AT THE FORWARD WING-TO-FUSELAGE FAIRING- INSTAL- LATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191		Naca-Air-Intake

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 (Figure 601)

SUBTASK 841-002-A

WARNING: WEAR RUBBER GLOVES TO PROTECT YOURSELF AGAINST CHEMICAL PRODUCTS.



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CAUTION: THE NACA-AIR-INTAKE 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 naca-air-intake with a soft cloth soaked in neutral detergent.
 - (b) Clean the surface with water to remove the detergent from the naca-air-intake.
 - (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 naca-air-intake 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 Naca-Air-Intake Polyurethane Film

SUBTASK 212-002-A

- (1) Visually inspect the naca-air-intake polyurethane film for erosion or small damages.
- (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 SRM. 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 53-04-02-000-801-A/400](#)) and do a check to see if the aircraft structure is damaged. If it is, refer to the applicable section of the SRM. If not, install a new polyurethane film ([AMM TASK 53-04-02-400-801-A/400](#)).

