



AIRCRAFT
MAINTENANCE MANUAL

OUTBOARD FLAP TRACK FAIRINGS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the root fairing and the tip fairing of the outboard flap track.
- B. These procedures are applicable to the LH and RH outboard-flap track fairings.
- 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 |
|--------------------|--|-------------|
| 57-53-02-000-801-A | OUTBOARD-FLAP TRACK FAIRINGS - REMOVAL | ALL |
| 57-53-02-400-801-A | OUTBOARD-FLAP TRACK FAIRINGS - IN- STALLATION | ALL |



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TASK 57-53-02-000-801-A

EFFECTIVITY: ALL

2. OUTBOARD-FLAP TRACK FAIRINGS - REMOVAL

A. General

(1) This procedure gives the instructions to remove the outboard-flap track fairings.

B. References

| REFERENCE | DESIGNATION |
|---------------|-------------|
| SB145-57-0024 | - |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|---------|------------|---------------|
| 572/672 | | Outboard flap |

D. Tools and Equipment

| ITEM | DESCRIPTION | PURPOSE | QTY |
|------------------------|---------------|--------------------------------|-----|
| Commercially available | Workstand | To get access to the work area | |
| Commercially available | Torque wrench | To remove the screws | |

E. Auxiliary Items

| ITEM | DESCRIPTION | PURPOSE | QTY |
|------------------------|-------------------|--------------------------------------|-----|
| Commercially available | Protective Gloves | For protection of technician's hands | 1 |
| Commercially available | Safety Goggles | For protection of technician's eyes | 1 |

F. Consumable Materials

| SPECIFICATION (BRAND) | DESCRIPTION | QTY |
|--------------------------|-------------------|-----|
| TT-I-735 | Isopropyl alcohol | AR |

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------|----------------------------|
| 1 | Does the task | On the LH/RH outboard flap |



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I. Preparation

SUBTASK 841-002-A

- (1) Do not do other tasks on the flap system.
- (2) On the circuit breaker panel, open the flap 1 and flap 2 circuit breakers and attach a DO- NOT- CLOSE tag to them.

J. Removal (Figure 401) (Figure 402)

SUBTASK 020-002-A

- (1) For aircraft PRE-MOD. [SB145-57-0024](#), perform the steps as follows ([Figure 401](#)):
 - (a) Remove the screws (1).
 - (b) Remove the outboard-flap track fairings.
- (2) For aircraft POST-MOD. [SB145-57-0024](#), perform the steps as follows ([Figure 402](#)):
 - (a) Remove the screws (5) and (10).
 - (b) Remove the outboard-flap track fairings.
 - (c) Remove the seal plates (4) and (9) at the LH and RH wings on the outboard flap, root (3) and tip (8) fairings.
- (3) Remove the old aerodynamic sealant.

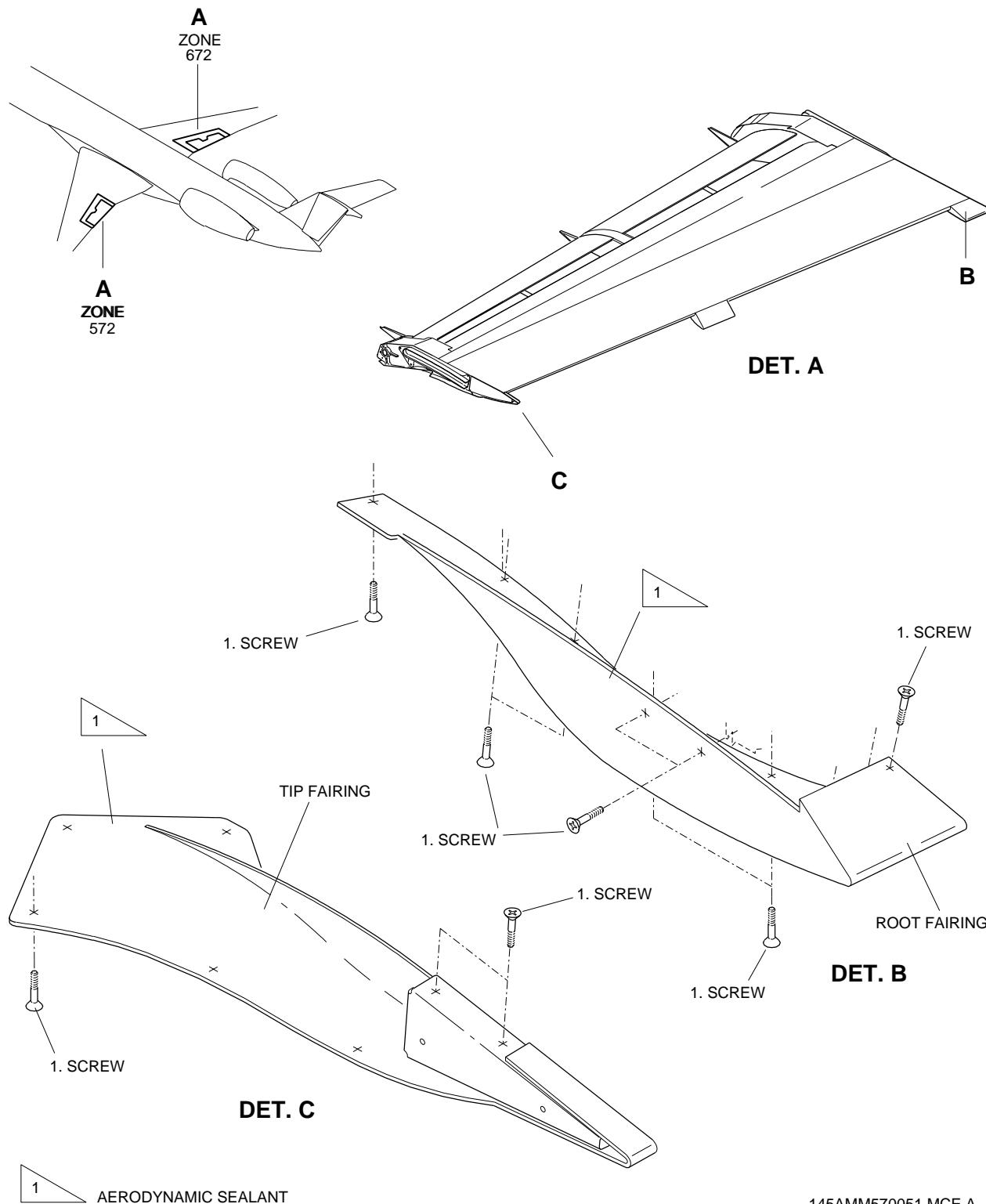
WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.

- (4) With a cloth soaked in isopropyl alcohol, clean the surface.

EFFECTIVITY: AIRCRAFT PRE-MOD. SB 145-57-0024

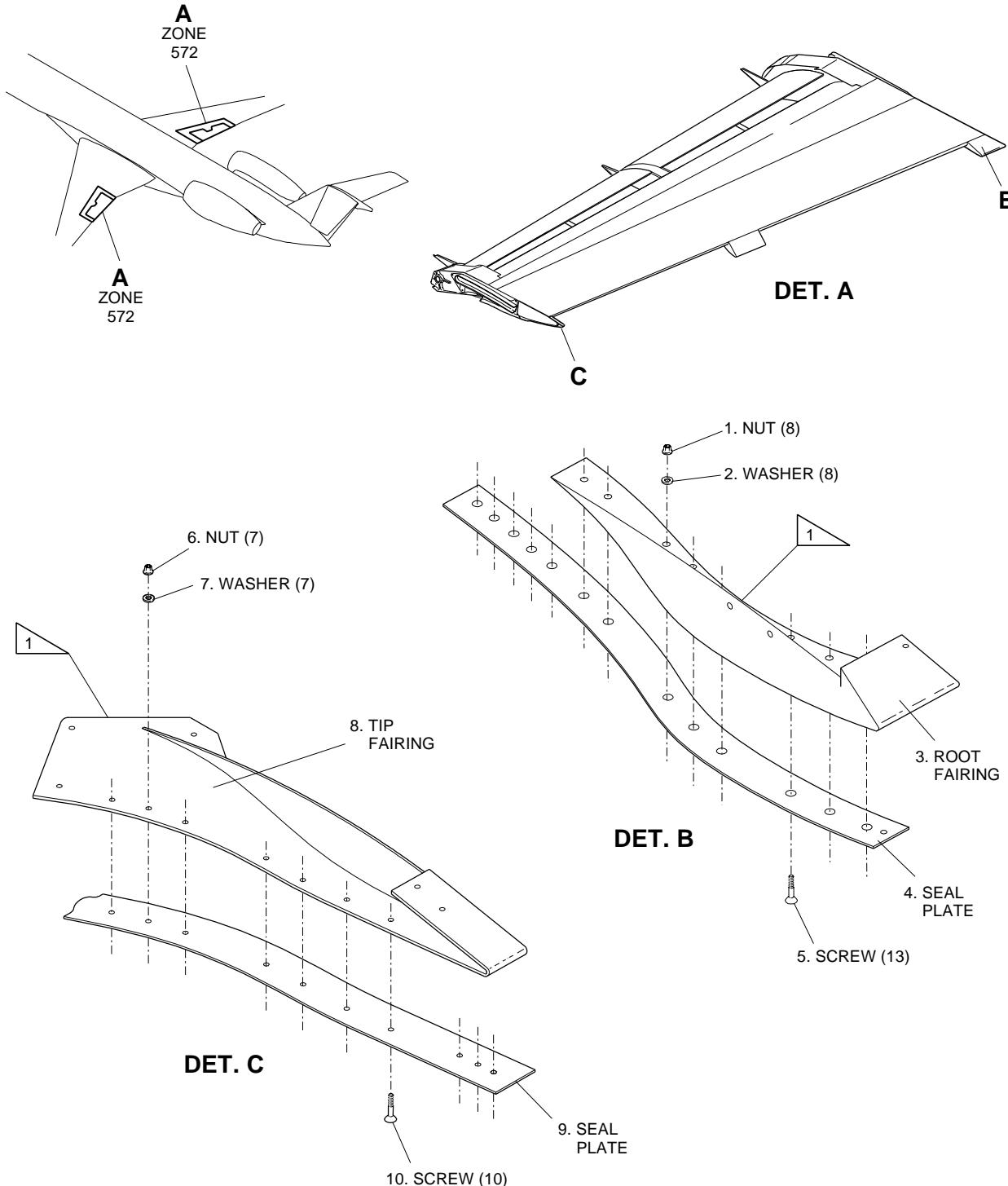
Outboard-Flap Track Fairings

Figure 401



145AMM570051.MCE A

EFFECTIVITY: AIRCRAFT POST-MOD. SB 145-57-0024
Outboard-Flap Track Fairings
Figure 402



 **AERODYNAMIC SEALANT.**

EM145AMM570128A.DGN

TASK 57-53-02-400-801-A
EFFECTIVITY: ALL
3. OUTBOARD-FLAP TRACK FAIRINGS - INSTALLATION
A. General

- (1) This procedure gives the instructions to install the outboard-flap track fairings.

B. References

| <i>REFERENCE</i> | <i>DESIGNATION</i> |
|----------------------|-------------------------|
| AMM MPP 20-10-01/200 | - MAINTENANCE PRACTICES |
| IPC 57-52-01 | INBOARD FLAP |
| SB145-57-0024 | - |
| SRM 51-20-01-PR | - |

C. Zones and Accesses

| <i>ZONE</i> | <i>PANEL/DOOR</i> | <i>LOCATION</i> |
|-------------|-------------------|-----------------|
| 572/672 | | Outboard flap |

D. Tools and Equipment

| <i>ITEM</i> | <i>DESCRIPTION</i> | <i>PURPOSE</i> | <i>QTY</i> |
|------------------------|--------------------|--------------------------------|------------|
| Commercially available | Workstand | To get access to the work area | |
| Commercially available | Torque wrench | To tighten the screws | |

E. Auxiliary Items

| <i>ITEM</i> | <i>DESCRIPTION</i> | <i>PURPOSE</i> | <i>QTY</i> |
|------------------------|--------------------|--------------------------------------|------------|
| Commercially available | Protective Gloves | For protection of technician's hands | 1 |
| Commercially available | Safety Goggles | For protection of technician's eyes | 1 |

F. Consumable Materials

| <i>SPECIFICATION (BRAND)</i> | <i>DESCRIPTION</i> | <i>QTY</i> |
|----------------------------------|-----------------------|------------|
| MEP 09-083 | Sealant PR 2050 B-1/2 | AR |
| TT-I-735 | Isopropyl alcohol | AR |
| Commercially available | Adhesive Tape | AR |



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G. Expendable Parts

| ITEM | IPC REFERENCE (VENDOR REFERENCE) | QTY |
|------------|-------------------------------------|-----|
| Seal Plate | IPC 57-52-01 | AR |

H. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------|----------------------------|
| 1 | Does the task | On the LH/RH outboard flap |

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) For aircraft PRE-MOD. [SB145-57-0024](#), perform the steps as follows (Figure 401):
 - (a) Install the screws (1) at the LH and RH wings on the inboard flap, root and tip fairings.
NOTE: For torque, refer to ([AMM MPP 20-10-01/200](#)).
 - (b) Install the inboard-flap track fairings.
- (2) For aircraft POST-MOD. [SB145-57-0024](#), perform the steps as follows (Figure 402):
 - (a) Install the seal plates (4) and (9) using screws (5) and (10), washers (2) and (7), and nuts (1) and (6) at the LH and RH wings on the outboard flap, root (3) and tip (8) fairings.
NOTE: For torque, refer to ([AMM MPP 20-10-01/200](#)).
 - (b) Install the outboard-flap track fairings.

WARNING: BE CAREFUL WHEN YOU USE SEALANTS. FOR HAZARD, PROTECTION, AND HANDLING OF MATERIAL, REFER TO ITS MATERIAL SAFETY DATA SHEET.

- (3) Delimit the area with adhesive tape and apply aerodynamic sealant along all the contour fairing by using sealant PR 2050 B-1/2.
NOTE: The sealant curing time changes with the environmental conditions. Refer to ([SRM 51-20-01-PR](#)).
- (4) Remove the excess aerodynamic sealant.

WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.

- (5) With a cloth soaked in isopropyl alcohol, clean the surface.



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J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the flap 1 and flap 2 circuit breakers and remove the DO-NOT-CLOSE tag from them.