

INBOARD 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 inboard flap track.
- B. These procedures are applicable to the LH and RH inboard flaps.
- 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
57-52-02-000-801-A	INBOARD-FLAP TRACK FAIRINGS - RE-MOVAL	ALL
57-52-02-400-801-A	INBOARD-FLAP TRACK FAIRINGS - INSTALLATION	ALL

TASK 57-52-02-000-801-A

EFFECTIVITY: ALL

2. INBOARD-FLAP TRACK FAIRINGS - REMOVAL

A. General

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

B. References

REFERENCE	DESIGNATION
SB145-57-0024	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
571/671		Inboard 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 inboard flaps

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 inboard-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 inboard-flap track fairings.
 - (c) Remove the seal plates (4) and (9) at the LH and RH wings on the inboard flap, root (3) and tip (8) fairings.
- (3) Remove the old aerodynamic sealant.

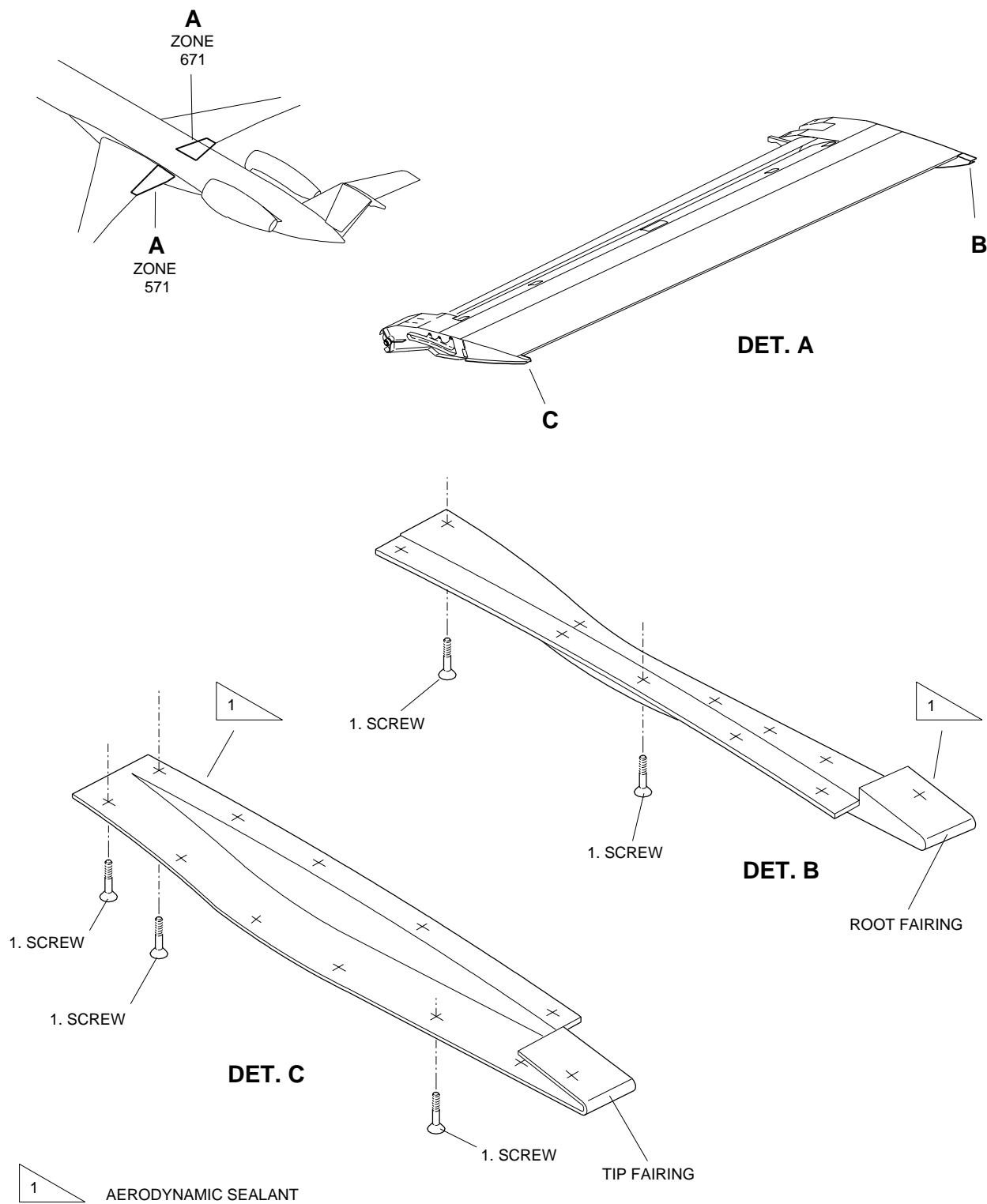
WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.

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

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

Inboard-Flap Track Fairings - Removal/Installation

Figure 401

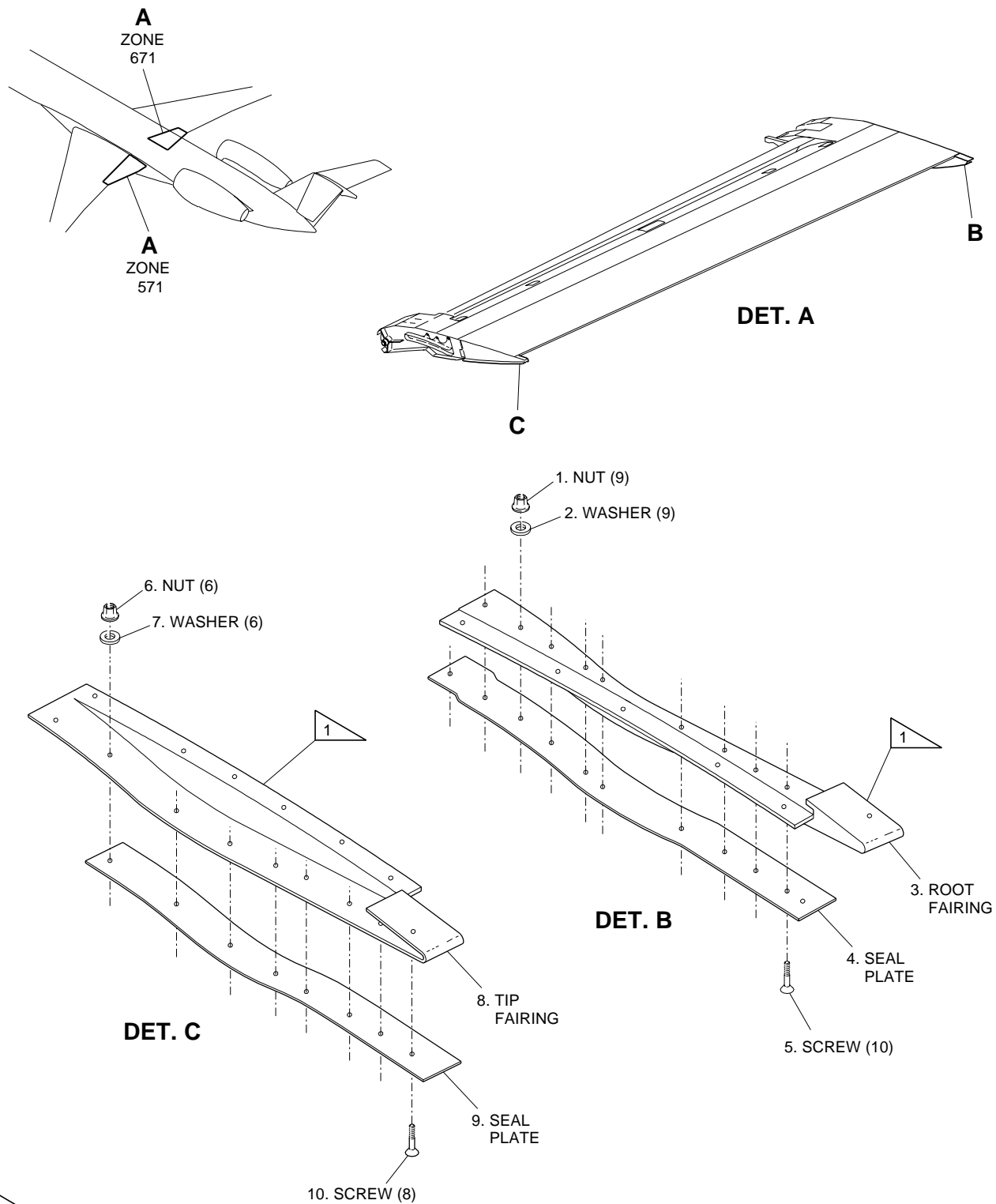


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EFFECTIVITY: AIRCRAFT POST-MOD. SB 145-57-0024

Inboard-Flap Track Fairings - Removal/Installation

Figure 402



1 AERODYNAMIC SEALANT.

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TASK 57-52-02-400-801-A

EFFECTIVITY: ALL

3. INBOARD-FLAP TRACK FAIRINGS - INSTALLATION

A. General

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

B. References

REFERENCE	DESIGNATION
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

ZONE	PANEL/DOOR	LOCATION
571/671		Inboard flap

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	
Commercially available	Torque wrench	To tighten 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
MEP 09-083	Sealant PR 2050 B-1/2	AR
TT-I-735	Isopropyl alcohol	AR
Commercially available	Adhesive Tape	AR

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 Inboard 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 inboard flap, root (3) and tip (8) fairings.
NOTE: For torque, refer to ([AMM MPP 20-10-01/200](#)).
 - (b) Install the inboard-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.

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.