

OUTBOARD FLAP CENTER TRACK - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the outboard flap center track.
- 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
57-28-02-000-801-A	OUTBOARD FLAP CENTER TRACK - REMOVAL	ALL
57-28-02-400-801-A	OUTBOARD FLAP CENTER TRACK - INSTALLATION	ALL

TASK 57-28-02-000-801-A

EFFECTIVITY: ALL

2. OUTBOARD FLAP CENTER TRACK - REMOVAL

A. General

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

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 27-50-00-000-801-A/400	INBOARD FLAP - REMOVAL
AMM TASK 57-53-02-000-801-A/400	OUTBOARD-FLAP TRACK FAIRINGS - REMOVAL

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the wing

I. Preparation

SUBTASK 841-002-A

WARNING: MAKE SURE THAT THERE ARE NO PERSONS OR EQUIPMENT IN THE FLAP TRAVEL AREA.

- (1) Energize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Set the flaps to the 45-degree position.
- (3) Open the Circuit Breaker Panel, open the FLAP1 and FLAP2 circuit breakers and attach a DO-NOT-CLOSE tag to them.
- (4) Release the outboard-flap lower shroud mechanism in order to get access to the flap track.

- (5) Remove the outboard flap ([AMM TASK 27-50-00-000-801-A/400](#)).
- (6) Remove the outboard-flap track fairings ([AMM TASK 57-53-02-000-801-A/400](#)).
- (7) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

CAUTION: DO NOT CHANGE THE POSITION OF THE BOLTS, WASHERS, AND NUTS TO PREVENT GALVANIC CORROSION.

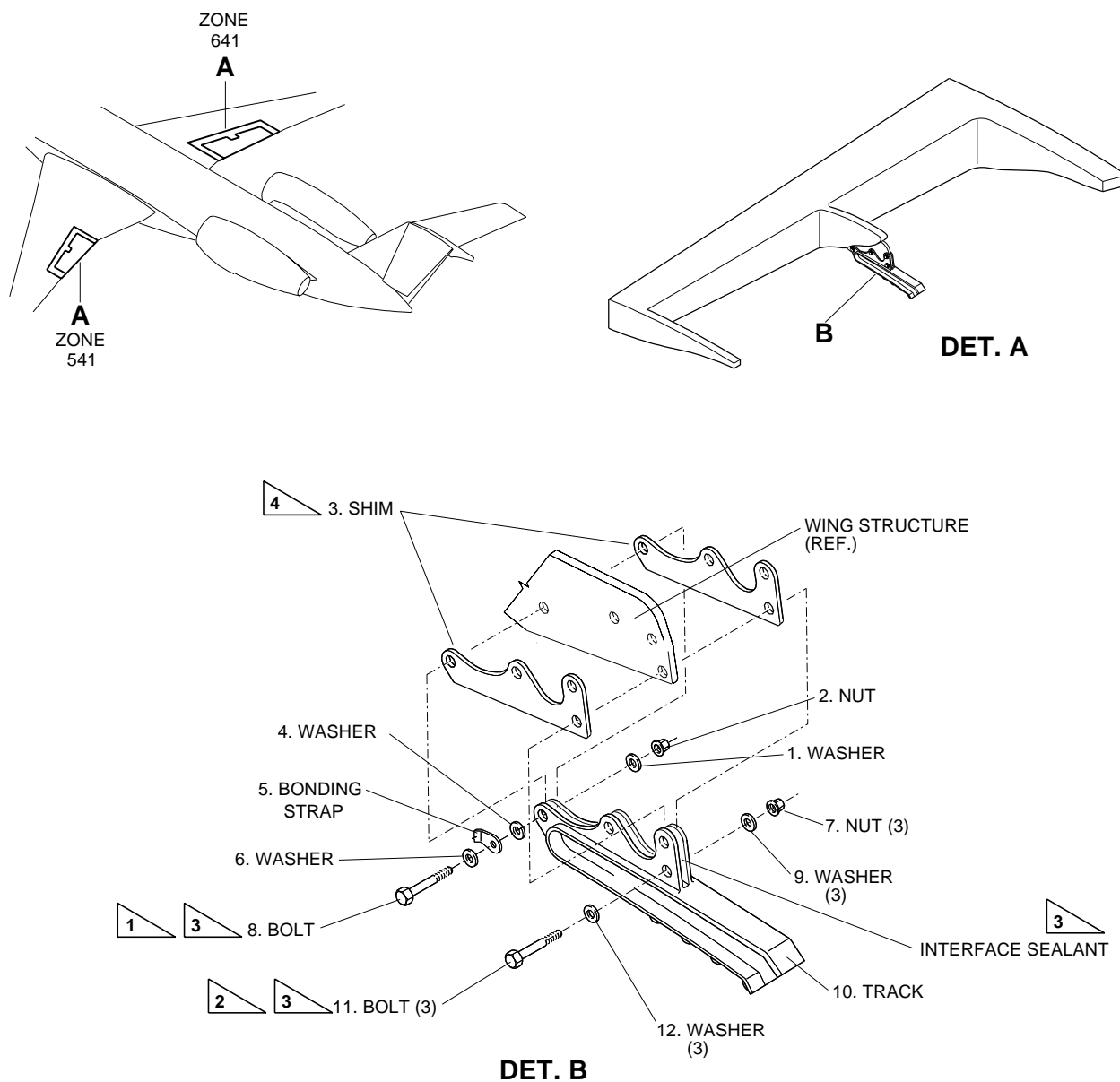
- (1) Remove the nut (2), washer (1), bolt (8), washer (6), and only in one bolt remove the bonding strap (5), and washer (4).
- (2) Remove the nuts (7), washers (9), bolts (11), and washers (12) (3 positions).
- (3) Remove the track (10) and as applicable, the shims (3).

NOTE: Identify the position in which the shims were installed to install them again in the same positions.

EFFECTIVITY: ALL

Outboard Flap Center Track - Removal/Installation

Figure 401



- 1 TORQUE : 70–90 lb.in (7.9–10.2 N.m)
- 2 TORQUE: 120–150 lb.in (13.6–17.0 N.m)
- 3 APPLY SEALANT P/S 870C–12.
- 4 SHIM = AS APPLICABLE.

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TASK 57-28-02-400-801-A
EFFECTIVITY: ALL

3. OUTBOARD FLAP CENTER TRACK - INSTALLATION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM TASK 27-50-00-400-801-A/400	INBOARD FLAP - INSTALLATION
AMM TASK 57-53-02-400-801-A/400	OUTBOARD-FLAP TRACK FAIRINGS - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench (0-200 lb.in)	To torque the bolts that attach the tracks	
Commercially available	PVC Gloves	To protect operator	
Commercially available	Eye protection	To protect operator	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-81733 Type IV-12	Sealant P/S870C-12	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the wing

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Examine the condition of the sealant applied to the track/support rib interface. Apply a new coat, if necessary.

WARNING: BE CAREFUL WHEN YOU USE P/S870C-12 BECAUSE IT IS TOXIC. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE IT. DO NOT BREATHE ITS GASES AND WORK IN A WELL VENTILATED AREA.

- (2) Apply sealant P/S870C-12 on the track.
- (3) Install the shims (3), as applicable, and the track (10).

NOTE:

- The shims must be installed in the same positions as those they were removed from.
- In case a shim is damaged, use the old one as a template to define the thickness of the new one.
- If it is not possible to use the old one as a template, check the aircraft configuration to define the correct shim thickness and position.

CAUTION: DO NOT USE AGAIN THE NUTS THAT CAN BE FINGER-TIGHTENED OR THAT SHOW SIGNS OF DAMAGE TO THE SELF-LOCKING ELEMENT.

- (4) Examine the condition of the nuts (2) and (7) used to attach the track (10). Replace them, if necessary.

WARNING: BE CAREFUL WHEN YOU USE P/S870C-12 BECAUSE IT IS TOXIC. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE IT. DO NOT BREATHE ITS GASES AND WORK IN A WELL VENTILATED AREA.

- (5) Apply P/S870C-12 on the body of the bolts (11) (3 positions) and (8).
- (6) Install the bolt (11), washers (12) and (9), and nuts (7) (3 positions).
- (7) Connect the bonding strap (5) with the bolt (8), washers (6), (4) and (1), and nut (2).
- (8) Apply torque on the nuts (7) (3 positions) and (2), as shown in the (Figure 401).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the outboard-flap track fairings ([AMM TASK 57-53-02-400-801-A/400](#)).
- (2) Install the outboard flap ([AMM TASK 27-50-00-400-801-A/400](#)).