

INBOARD AND OUTBOARD FLAP LOWER SHROUDS RUBBER SEAL - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove and install the inboard and outboard flap lower shrouds rubber seal.
- 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
57-56-05-000-801-A	INBOARD AND OUTBOARD FLAP LOWER SHROUDS RUBBER SEAL - REMOVAL	ALL
57-56-05-400-801-A	INBOARD AND OUTBOARD FLAP LOWER SHROUDS RUBBER SEAL - INSTALLATION	ALL

TASK 57-56-05-000-801-A

EFFECTIVITY: ALL

2. INBOARD AND OUTBOARD FLAP LOWER SHROUDS RUBBER SEAL - REMOVAL

A. General

- (1) This task gives the procedure to remove the rubber seal of the inboard and outboard flap lower shrouds.

B. References

REFERENCE	DESIGNATION
AMM TASK 57-56-01-000-801-A/400	INBOARD AND OUTBOARD FLAP LOWER SHROUDS - REMOVAL
SRM 51-40-02-PR	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
5711		Inboard flap lower shroud
6711		Inboard flap lower shroud
5721		Outboard flap lower shroud
6721		Outboard flap lower shroud

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Acrylic Spatula	To remove the sealant	

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 inboard and outboard flap lower shrouds

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Remove the flap lower shrouds ([AMM TASK 57-56-01-000-801-A/400](#)).
- (3) Put the flap lower shrouds on a safe surface to prevent damage.

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

SUBTASK 020-002-A

- (1) Remove the flap lower shrouds rubber seal as follows:
 - (a) Remove the solid rivet, according to (SRM 51-40-02-PR).
 - (b) Remove the support, as applicable.
 - (c) With an acrylic spatula, remove the sealant from under the rubber seal along the contour.
- NOTE:** Look to know the correct position of the sealant. This will help you during the installation procedure.
- (d) Slowly release the rubber seal with an acrylic spatula until the rubber seal is fully removed from the flap lower shrouds.
 - (e) Remove the old sealant from along the contour of the flap lower shrouds.

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

- (f) Clean the surface with a cloth wet with isopropyl alcohol.

Figure 401



TASK 57-56-05-400-801-A
EFFECTIVITY: ALL

3. INBOARD AND OUTBOARD FLAP LOWER SHROUDS RUBBER SEAL - INSTALLATION

A. General

- (1) This task gives the procedure to install the rubber seal of the inboard and outboard flap lower shrouds.

B. References

REFERENCE	DESIGNATION
AMM TASK 57-56-01-400-801-A/400	INBOARD AND OUTBOARD FLAP LOWER SHROUDS - INSTALLATION
IPC 57-56-00	FLAP SHROUDS
SRM 51-20-01-PR	-
SRM 51-40-02-PR	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
5711		Inboard flap lower shroud
6711		Inboard flap lower shroud
5721		Outboard flap lower shroud
6721		Outboard flap lower shroud

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Acrylic Spatula	To install sealant	
Commercially available	Cutter	To install the rubber seal	

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
	Silicone sealant - RTV 157 (Gray)	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Flap Shrouds	IPC 57-56-00	AR

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the inboard and outboard flap lower shrouds

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the flap lower shrouds rubber seal as follows:
 - (a) Prepare the parts of the flap lower shrouds to which RTV-157 sealant will be applied.
 - (b) Apply a thin coat of RTV-157 sealant along all vent door contour where the rubber seal will be installed. Refer to SRM 51-20-01-PR for the curing time.
NOTE: The sealant curing time changes with the environmental conditions. Refer to SRM 51-20-01-PR.
 - (c) Install the flap lower shrouds rubber seal.
NOTE: Clean the excess sealant.
 - (d) Push your finger against the seal to install it correctly.
 - (e) Put the support in position, as applicable.
 - (f) Install the solid rivet, according to (SRM 51-40-02-PR).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the flap lower shrouds. ([AMM TASK 57-56-01-400-801-A/400](#)).