

## AILERON LOWER SHROUD RUBBER SEAL - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedure to remove and install the aileron lower shroud 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
57-56-06-000-801-A	AILERON LOWER SHROUD RUBBER SEAL - REMOVAL	ALL
57-56-06-400-801-A	AILERON LOWER SHROUD RUBBER SEAL - INSTALLATION	ALL

TASK 57-56-06-000-801-A

EFFECTIVITY: ALL

## 2. AILERON LOWER SHROUD RUBBER SEAL - REMOVAL

### A. General

(1) This task gives the procedure to remove the rubber seal of the aileron lower shroud.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 57-56-04-000-801-A/400</a>	AILERON LOWER SHROUD - REMOVAL
SRM 51-40-02-PR	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
5731		Aileron lower shroud
6731		Aileron 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	
Commercially available	Safety Goggles	For protection of technician's eyes	

### 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 aileron lower shroud

I. Preparation

*SUBTASK 841-002-A*

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Remove the aileron lower shroud ([\(AMM TASK 57-56-04-000-801-A/400\)](#)).
- (3) Put the aileron lower shroud on a safe surface to prevent damage.

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

*SUBTASK 020-002-A*

*EFFECTIVITY: AIRCRAFT S/N 001-003, 029-999*

- (1) Remove the aileron lower shroud rubber seal as follows:
  - (a) Remove the blind rivet (3), according to (SRM 51-40-02-PR).
  - (b) Remove the support (1).
  - (c) With an acrylic spatula, remove the sealant from under the rubber seal (2) 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 (2) with an acrylic spatula until the rubber seal (2) is fully removed from the aileron lower shroud.
  - (e) Remove the old sealant from along the contour of the aileron lower shroud.

**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.

K. Removal ([Figure 402](#))

*SUBTASK 020-003-A*

*EFFECTIVITY: AIRCRAFT S/N 004-028*

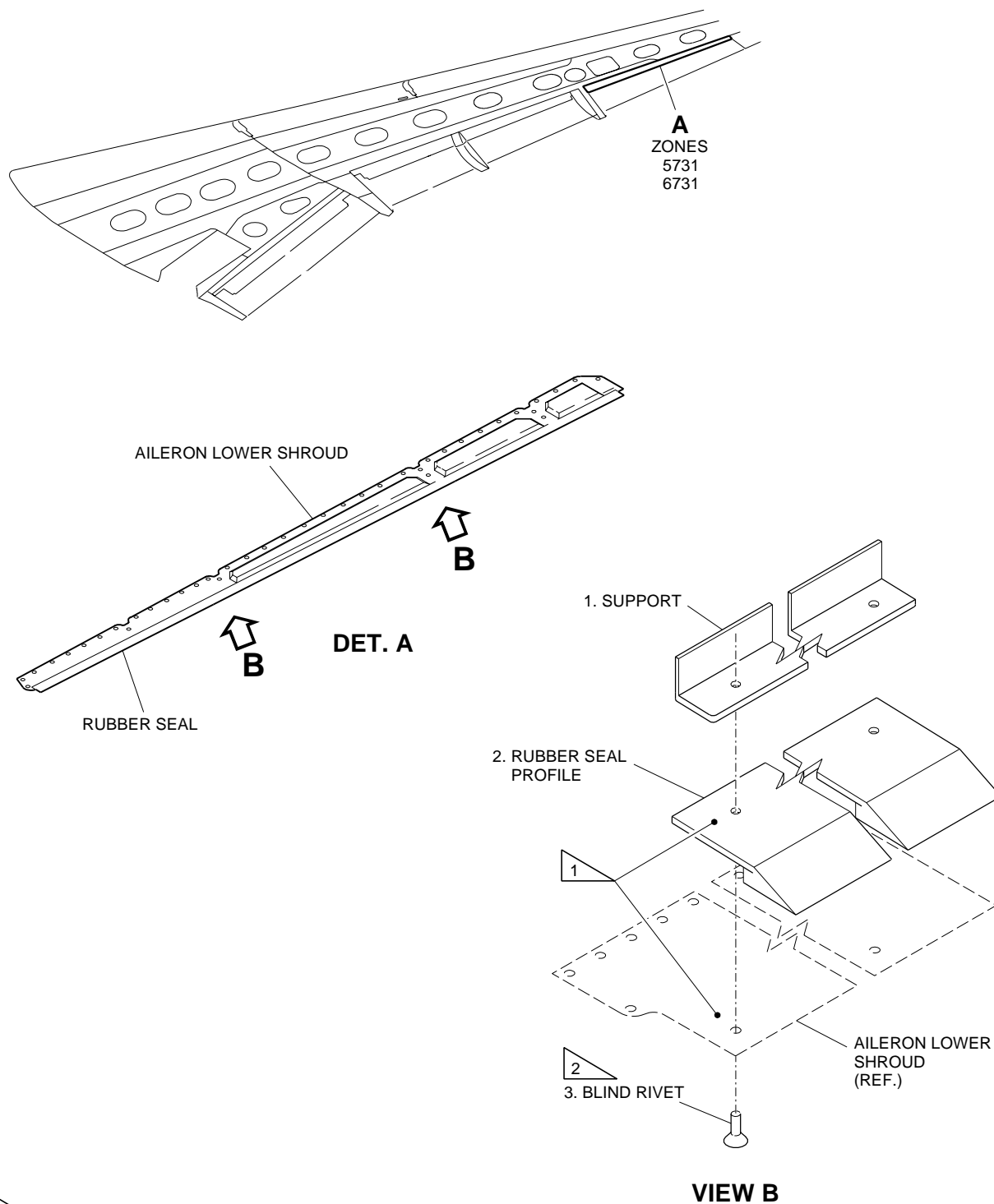
- (1) Remove the aileron lower shroud rubber seal as follows:
  - (a) Remove the blind rivet (3), according to (SRM 51-40-02-PR).
  - (b) Remove the washer (1).
  - (c) With an acrylic spatula, remove the sealant from under the rubber seal (2) along the contour.  
  
NOTE: Look to know the correct position of the sealant. This will help you during the installation procedure.
  - (d) Slowly release the rubber seal (2) with an acrylic spatula until the rubber seal (2) is fully removed from the aileron lower shroud.

- (e) Remove the old sealant from along the contour of the aileron lower shroud.

**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.

EFFECTIVITY: AIRCRAFT S/N 001-003, 029-999  
Aileron Lower Shroud Rubber Seal - Removal/Installation  
Figure 401

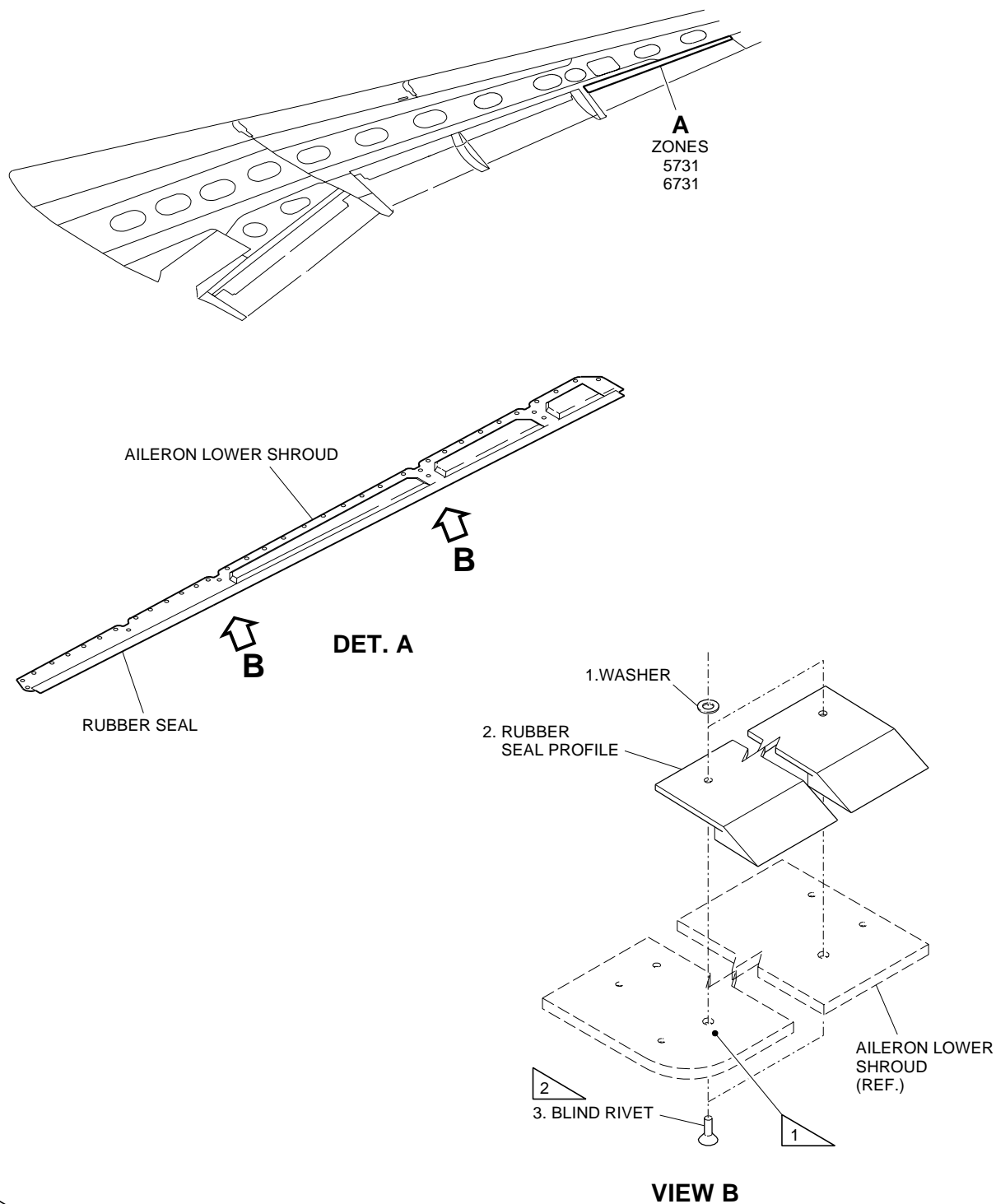


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EFFECTIVITY: AIRCRAFT S/N 004-028

Aileron Lower Shroud Rubber Seal - Removal/Installation

Figure 402



1 APPLY SEALANT RTV-157.

2 REMOVAL / INSTALLATION BLIND RIVET, ACCORDING TO SRM 51-40-02-PR.

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TASK 57-56-06-400-801-A  
EFFECTIVITY: ALL

### 3. AILERON LOWER SHROUD RUBBER SEAL - INSTALLATION

#### A. General

(1) This task gives the procedure to install the rubber seal of the aileron lower shroud.

#### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 57-56-04-400-801-A/400</a>	AILERON LOWER SHROUD - INSTALLATION
IPC 57-56-00	FLAP SHROUDS
IPC 57-66-00	AILERON SHROUDS
SRM 51-20-01-PR	-
SRM 51-40-02-PR	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
5731		Aileron lower shroud
6731		Aileron lower shroud

#### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Acrylic Spatula	To install the 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	
Commercially available	Safety Goggles	For protection of technician's eyes	

#### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
	Silicone sealant - RTV 157 (Gray)	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Aileron Shroud	IPC 57-56-00	AR

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the aileron lower shroud

I. Installation (Figure 401)

**SUBTASK 420-002-A**

**EFFECTIVITY: AIRCRAFT S/N 001-003, 029-999**

- (1) Install the aileron lower shroud rubber seal as follows:
  - (a) Prepare the parts of the aileron lower shroud to which RTV-157 sealant will be applied.
  - (b) Apply a thin coat of RTV-157 sealant along all 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 aileron lower shroud rubber seal (2).  
NOTE:
    - See IPC 57-66-00 to check the rubber seal part number, as required.
    - Clean the excess sealant.
  - (d) Push your finger against the seal to install it correctly.
  - (e) Put the support (1) in position.
  - (f) Install the blind rivet (3), according to (SRM 51-40-02-PR).

J. Installation (Figure 402)

**SUBTASK 420-003-A**

**EFFECTIVITY: AIRCRAFT S/N 004-028**

- (1) Install the aileron lower shroud rubber seal as follows:
  - (a) Prepare the parts of the aileron lower shroud to which RTV-157 sealant will be applied.
  - (b) Apply a thin coat of RTV-157 sealant along all 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 aileron lower shroud rubber seal (2).

NOTE: Clean the excess sealant.

- (d) Push your finger against the seal to install it correctly.

- (e) Put the washer (1) in position.

- (f) Install the blind rivet (3), according to (SRM 51-40-02-PR).

K. Follow-on

*SUBTASK 842-002-A*

- (1) Install the aileron lower shroud ([AMM TASK 57-56-04-400-801-A/400](#)).

