



AIRCRAFT MAINTENANCE MANUAL

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



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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
AMM TASK 57-56-04-000-801-A/400	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.



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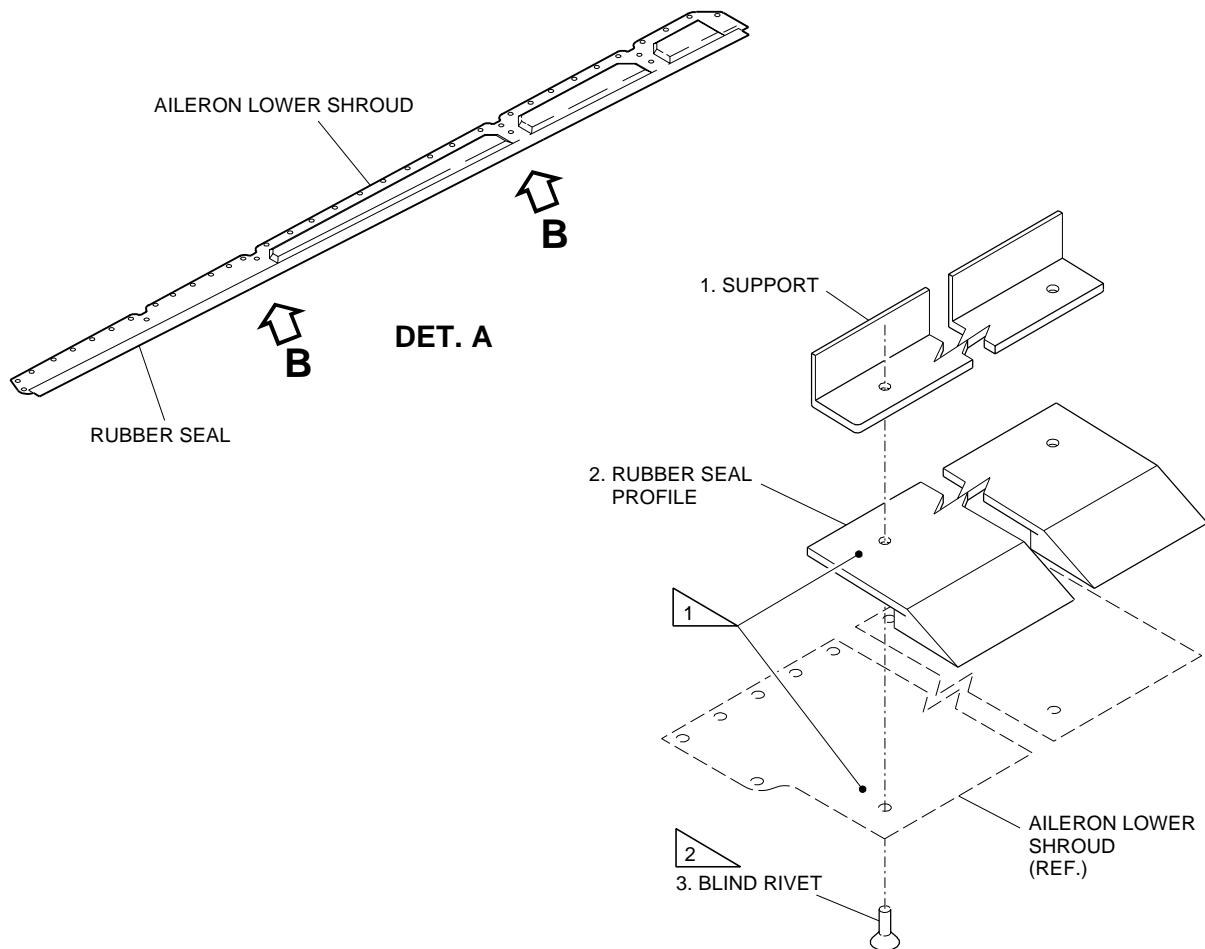
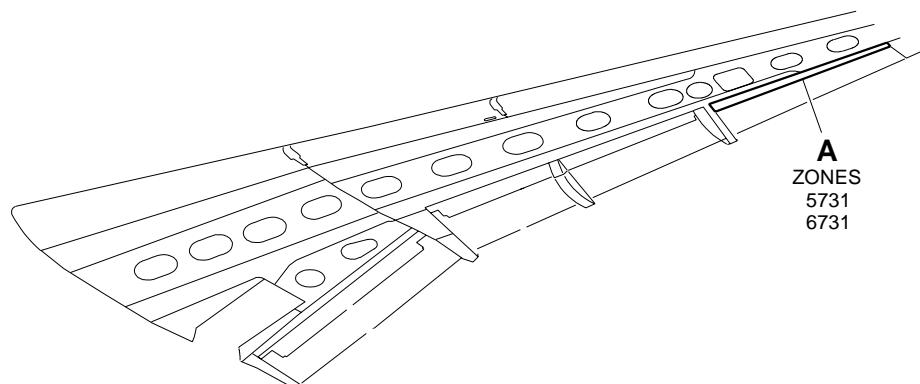
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- (e) Remove the old sealant from along the contour of the aileron lower shroud.

**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



1  APPLY SEALANT RTV-157.

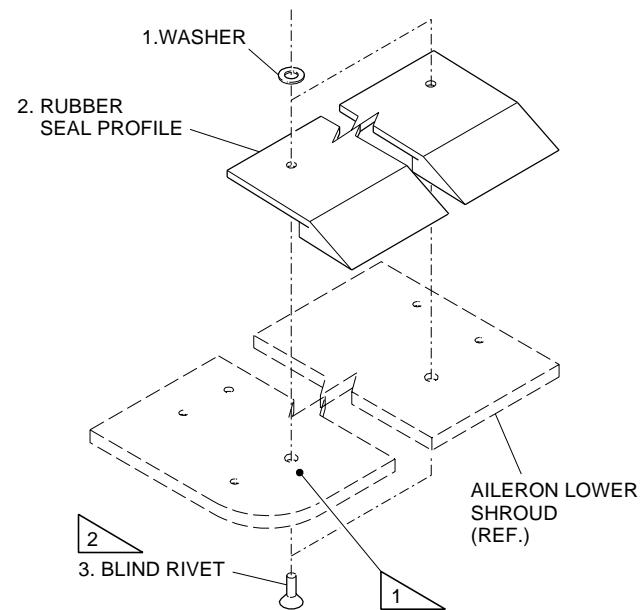
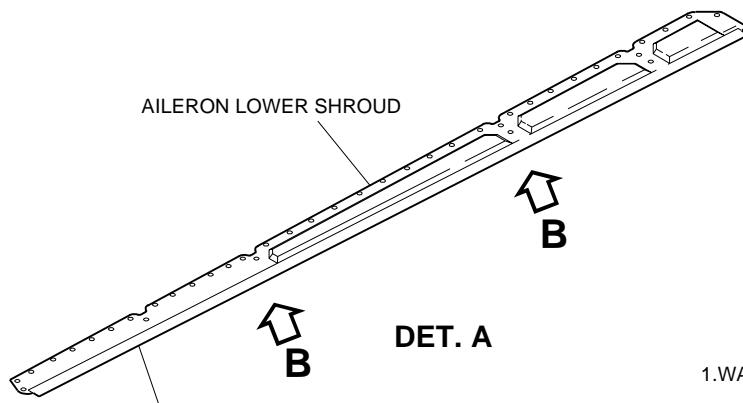
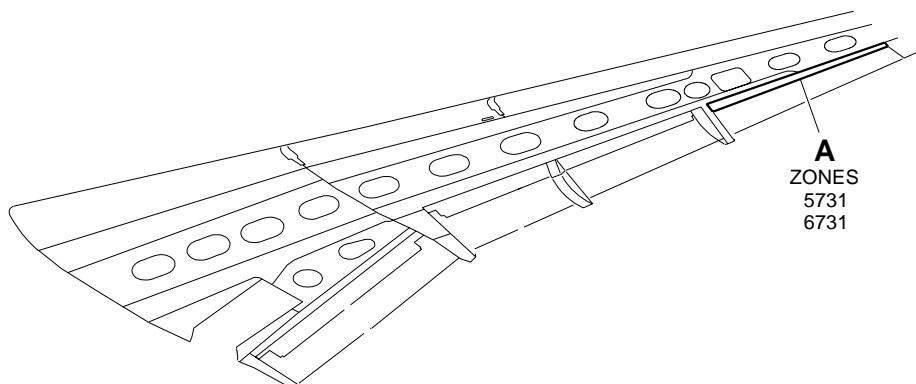
2  REMOVAL / INSTALLATION BLIND RIVET, ACCORDING TO SRM 51-40-02-PR.

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EFFECTIVITY: AIRCRAFT S/N 004-028

Aileron Lower Shroud Rubber Seal - Removal/Installation

Figure 402

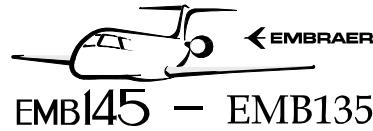


VIEW B

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
AMM TASK 57-56-04-400-801-A/400	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



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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:

- Prepare the parts of the aileron lower shroud to which RTV-157 sealant will be applied.
- 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.

- 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.

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

- Put the support (1) in position.

- 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:

- Prepare the parts of the aileron lower shroud to which RTV-157 sealant will be applied.
- 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.



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- (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](#)).

