



AIRCRAFT
MAINTENANCE MANUAL

WING LEADING EDGE VORTILLONS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the Vortillons of the wing leading edge III.
- 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
57-43-01-000-801-A	VORTILLONS - REMOVAL	ALL
57-43-01-400-801-A	VORTILLONS - INSTALLATION	ALL



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TASK 57-43-01-000-801-A

EFFECTIVITY: ALL

2. VORTILLONS - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the Vortillons.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
513		Wing leading edge III - LH
613		Wing leading edge III - RH

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Work stand	To get access to the work area	1

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the wing leading edge III

H. Preparation

SUBTASK 841-002-A

- (1) Put the work stand in the work area.

I. Removal (Figure 401)

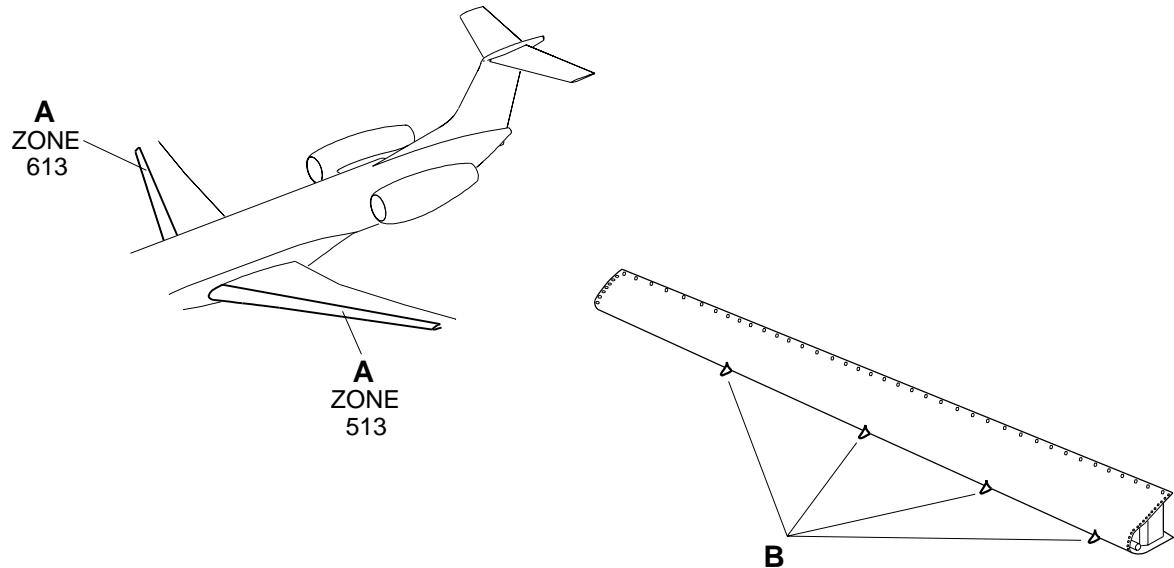
SUBTASK 020-002-A

- (1) Remove the five screws (1).

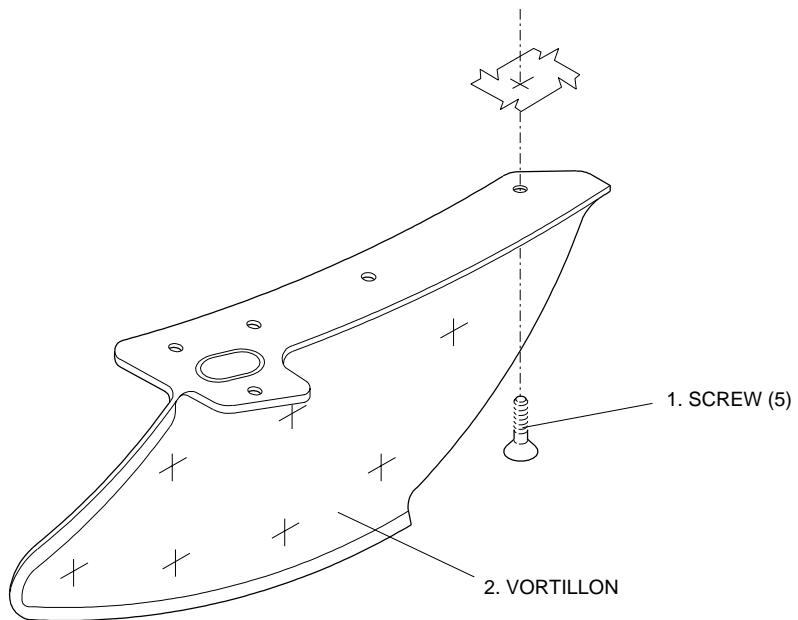
- (2) Carefully pull and remove the Vortillon (2).

NOTE: Make sure that the interface sealant is not damaged. If necessary, apply sealant again. Refer to the SRM 51-20-01.

EFFECTIVITY: ALL
 Vortillons - Installation
 Figure 401



DET. A



DET. B
 TYPICAL

145AMM570049.MCE A



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TASK 57-43-01-400-801-A

EFFECTIVITY: ALL

3. VORTILLONS - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the Vortillons.

B. References

REFERENCE	DESIGNATION
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
513		Wing leading edge III - LH
613		Wing leading edge III - RH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Work stand	To get access to the work area	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-G-46886	Grease, Molikote, DC-33, Light	AR
MEP 09-083	Sealant PR 2050 B-1/2	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the wing leading edge III

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Remove all the old aerodynamic sealant from the skin of the wing leading edge III. Use a plastic spatula for this.
- (2) Apply the Molikote DC-33 light grease at the base of the Vortillon (2).



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(3) Put the Vortillon (2) in its installation position on the skin of the wing leading edge III.

(4) Install the five screws (1).

J. Follow-on

SUBTASK 842-002-A

(1) Do the aerodynamic sealing (SRM 51-20-01).

