INBOARD FLAP AND LOWER SHROUD / GROUD SPOILER / SPEED BRAKE - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

A. This section gives the procedures to do a visual inspection on the inboard flap and lower shroud, ground spoiler, and speed brake for general condition.

B. Related Zones: 571/671/5711/6711/5712/6712/5713/6713.

C. Zone Boundaries:

- STA Y = -960.0 (rib 1) thru STA Y = -3815.00 (rib 9).
- STA Y = -1085.00 thru STA Y = -2450.00.
- STA Y = -2450.00 thru STA Y = -3815.00 (rib9).

D. 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*
05-20-91-200-801-A ♦	INBOARD FLAP AND LOWER SHROUD / GROUND SPOILER / SPEED BRAKE	ALL

TASK 05-20-91-200-801-A
EFFECTIVITY: ALL

2. INBOARD FLAP AND LOWER SHROUD / GROUND SPOILER / SPEED BRAKE

A. General

(1) This procedure obeys the EWIS ICA requirement.

(2) This task gives the instructions to do SMRD Zonal Task 57-Z571-214-001-A00.

(3) You must do the internal general visual inspection (GVI) of wing, at zones 571/671/5711/6711, ground spoiler, in zones 5712/6712, and speed brake, zones 5713/6713, at a distance from which you can touch the items that you will examine.

(4) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

(5) Apart from any specific targets defined in the Zonal Inspection task, a General Visual Inspection (GVI) must be conducted of the entire zone specified and includes all installations, components and structures. Refer to INTRODUCTION for zonal inspection criteria

B. References

REFERENCE	*DESIGNATION*
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 27-51-00-700-801-A/500	FLAP CONTROL SYSTEM - OPERATIONAL CHECK
AMM TASK 57-56-01-000-801-A/400	INBOARD AND OUTBOARD FLAP LOWER SHROUDS - REMOVAL
AMM TASK 57-56-01-400-801-A/400	INBOARD AND OUTBOARD FLAP LOWER SHROUDS - INSTALLATION
WM 20-22-00	-

C. Zones and Accesses

ZONE	*PANEL/DOOR*	*LOCATION*
5711		Inboard flap lower shroud
6711		Inboard flap lower shroud

D. Tools and Equipment

ITEM	*DESCRIPTION*	*PURPOSE*	*QTY*
Standard	Stand	To get access to the inspection area	

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	Inboard flap

I. Preparation (Figure 601)

SUBTASK 841-003-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) On the circuit breaker panel, open the FLAP 1 and FLAP 2 circuit breakers and attach a DO-NOT-CLOSE tag to them.

(4) Remove the inboard flap lower shroud 5711 and 6711 (AMM TASK 57-56-01-000-801-A/400) (Figure 601).

(5) Put the stand in position.

J. Internal General Visual Inspection (Figure 602) (Figure 603) (Figure 604)

SUBTASK 212-003-A

(1) Examine the interior of the inboard flap for loose rivets, skin deformation, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, sealant poor condition, deteriorated protective treatment, and foreign objects (Figure 602).

(2) Examine the interior of the ground spoiler and speed brake for loose rivets, skin deformation, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, sealant poor condition, deteriorated protective treatment, and foreign objects.

(3) Examine the interior of the ground spoiler and speed brake at hinge points for deformation, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, sealant poor condition, and deteriorated protective treatment (Figure 603 and Figure 604).

(4) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

SUBTASK 842-003-A

(1) Install the inboard flap lower shroud 5711 and 6711 (AMM TASK 57-56-01-400-801-A/400).

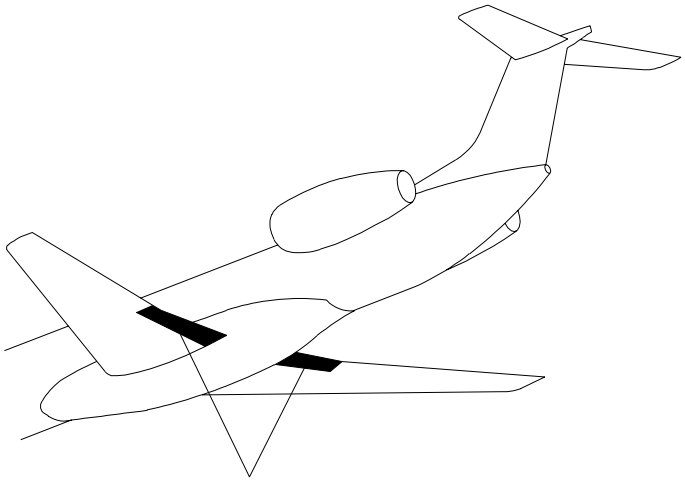
(2) Remove the stand.

(3) On the circuit breaker panel, close the FLAP 1 and FLAP 2 circuit breakers and remove the DO-NOT-CLOSE tag from it.

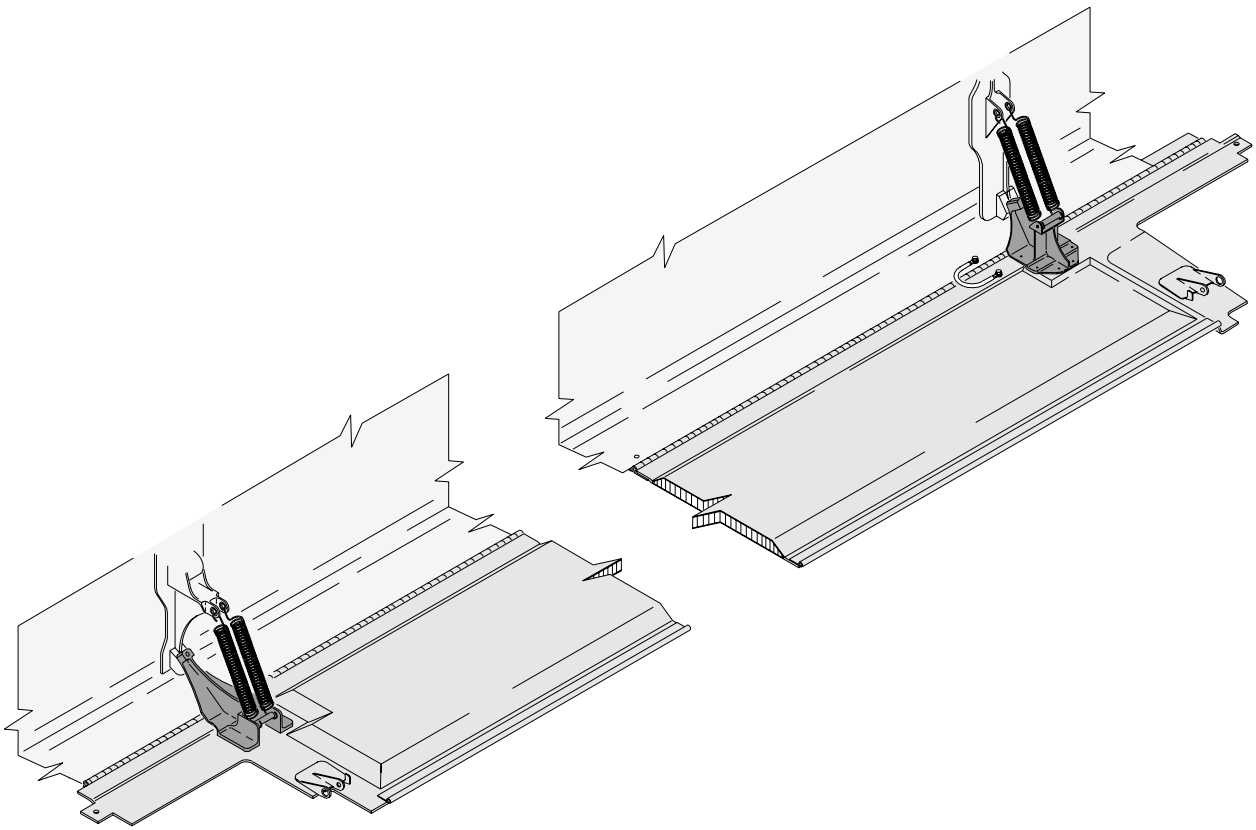
(4) Do an operational check of the flap control system (AMM TASK 27-51-00-700-801-A/500).

(5) Remove the external DC power supply from the aircraft (AMM TASK 20-40-01-860-801-A/200).

EFFECTIVITY: ALL
Inboard Flap Lower Shroud
Figure 601



A
ZONES
5711
6711



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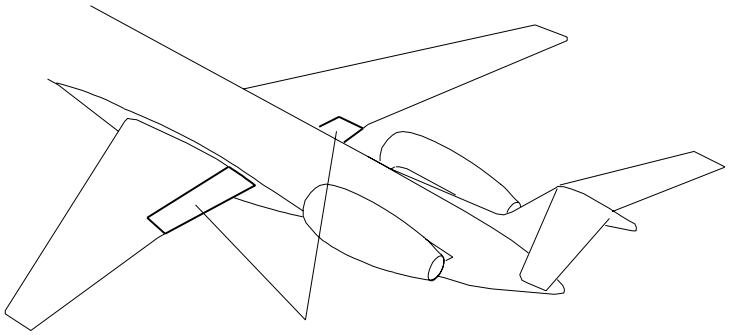
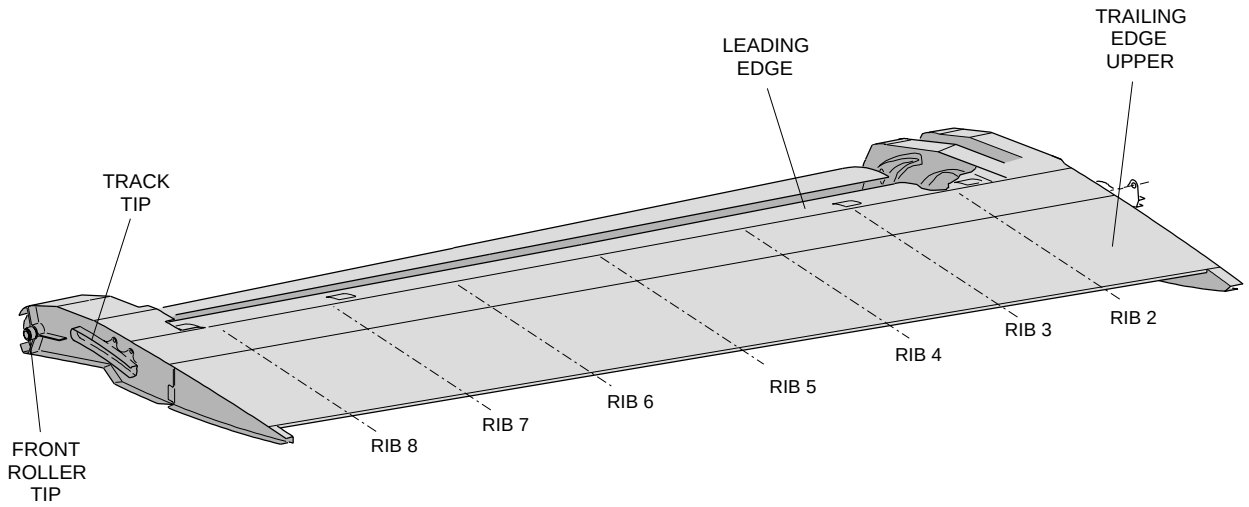
EFFECTIVITY: ALL

Inboard Flap - Internal General Visual Inspection
Figure 602



A
ZONES
571
671



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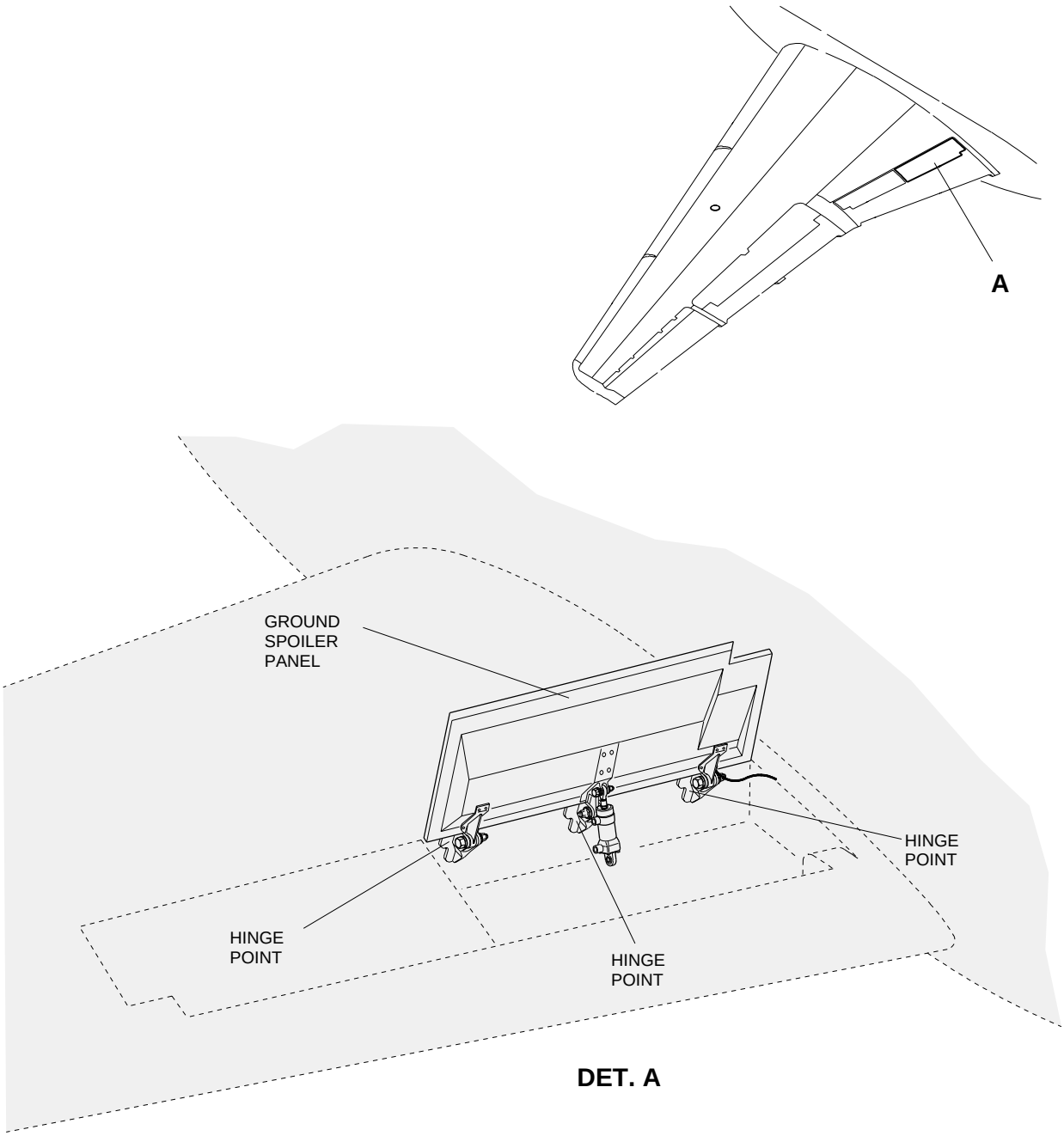
EFFECTIVITY: ALL

Ground Spoiler - Internal General Visual Inspection
Figure 603



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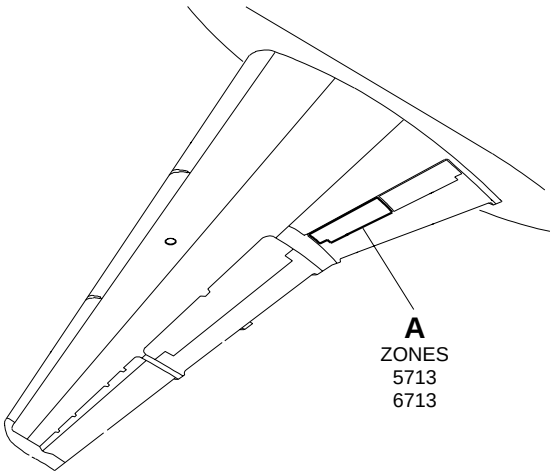
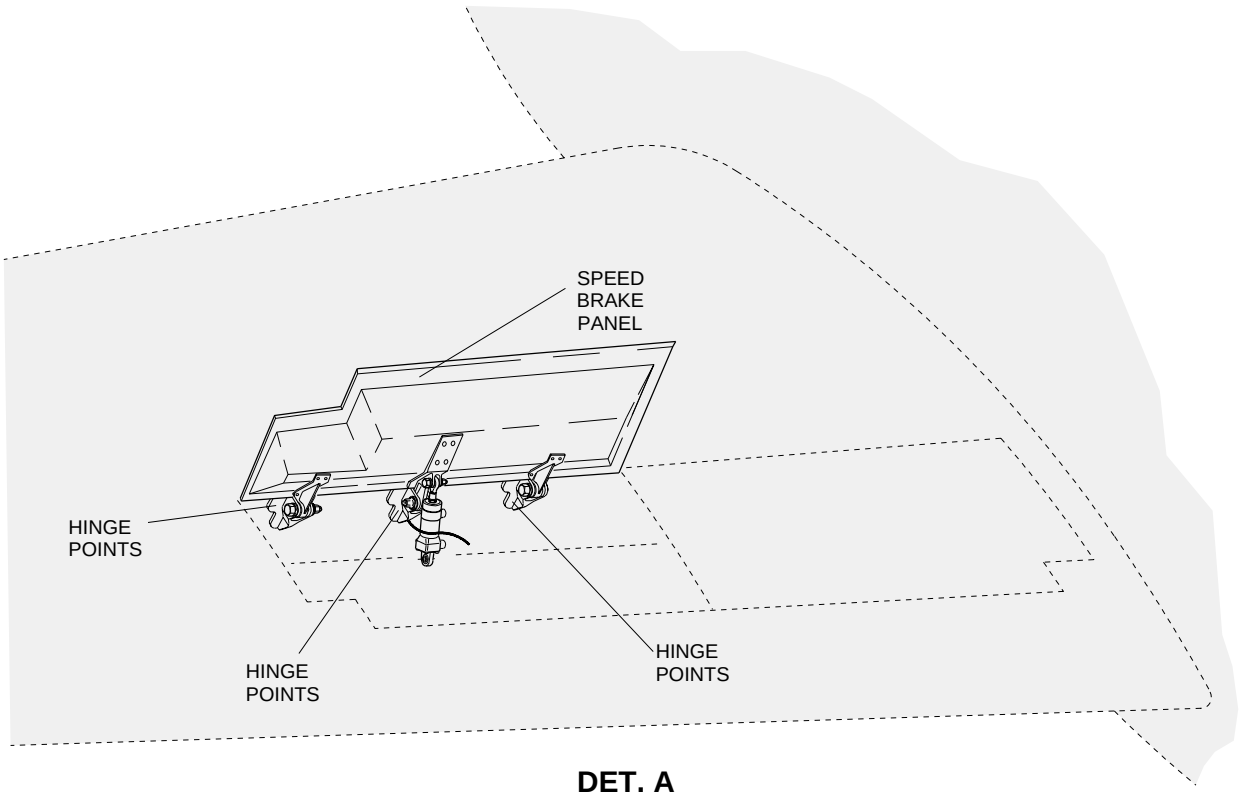
EFFECTIVITY: ALL

Speed Brake - Internal General Visual Inspection
Figure 604





DET. A

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