

SPEED BRAKE - EXTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the speed brake for general condition.
- B. Related Zones: 5713/6713.
- C. Zone Boundaries: STA Y = -2450.00 thru STA Y = -3815.00 (rib 9).
- 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
05-30-30-200-801-A	SPEED BRAKE - EXTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-30-30-200-801-A

EFFECTIVITY: ALL

2. SPEED BRAKE - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do the external general visual inspection (GVI) of wing, at zones 5713/6713, within a touching distance of the items examined.
- (2) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 067	Speed brake locking clamp	To lock the speed brake actuator	
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	Speed brake

I. Preparation ([Figure 601](#))

SUBTASK 841-002-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) Pressurize the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).
- (3) Open the speed brake surface.
- (4) Release the pressure of the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).
- (5) Set the flaps to the 45-degree position.
- (6) On the circuit breaker panel, open the SPEED BRAKE circuit breakers and attach a DO-NOT-CLOSE tag to it.
- (7) Install the GSE 067 on the speed brake actuator to lock the spoiler actuator ([Figure 601](#)).
- (8) Put the stand in position.

J. External General Visual Inspection ([Figure 602](#))

SUBTASK 212-002-A

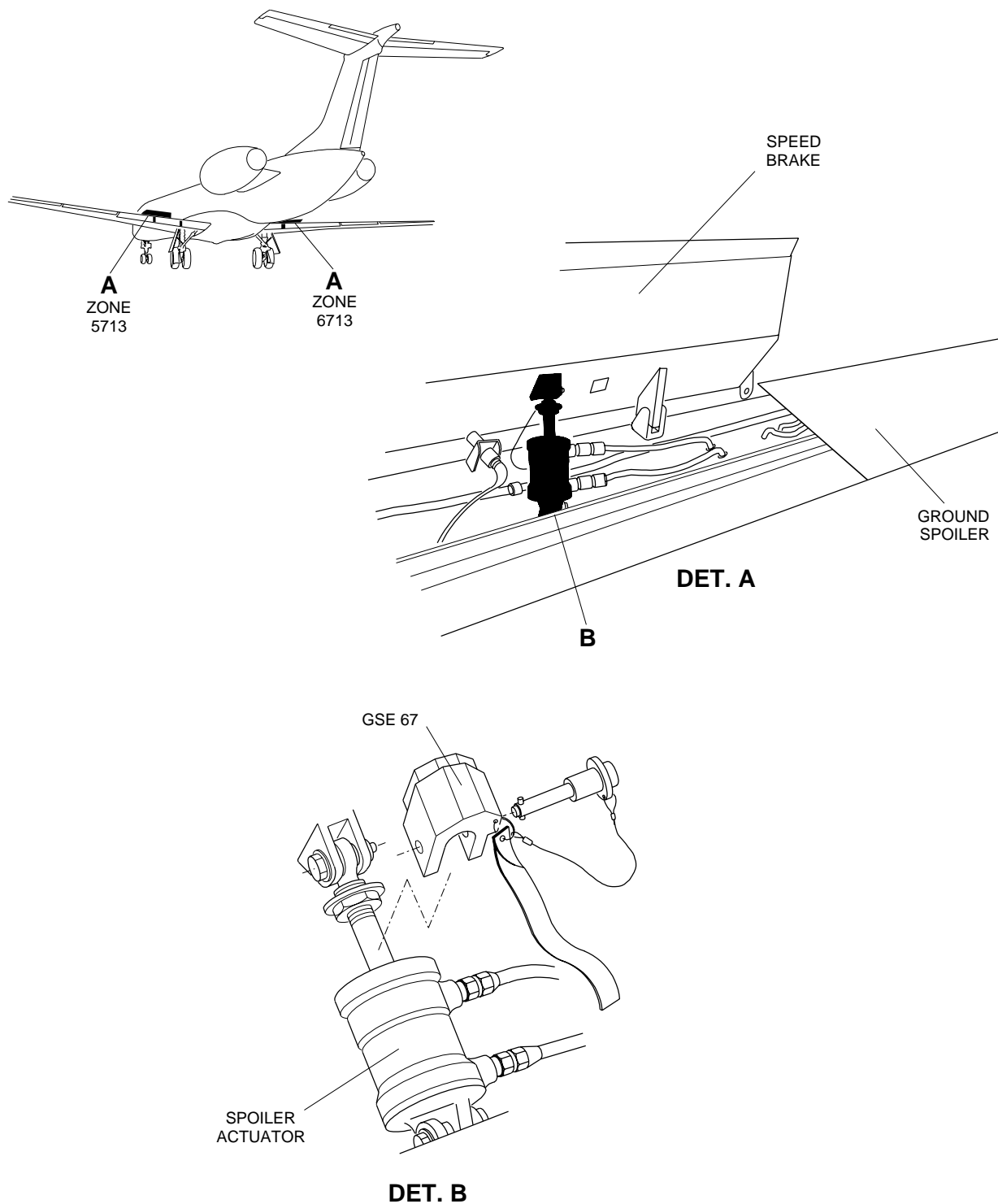
- (1) Examine the zone for loose rivets, skin deformation, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, flaking paint, and deteriorated protective treatment.
- (2) Examine the speed brake at hinges and actuator attachments for loose rivets, skin deformation, sealant poor condition, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, and deteriorated protective treatment ([Figure 602](#)).

K. Follow-on

SUBTASK 842-002-A

- (1) Remove the GSE 067 from the speed brake actuator to release the spoiler actuator.
- (2) Remove the stand.
- (3) Pressurize the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).
- (4) Close the speed brake surface.
- (5) Release the pressure of the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).
- (6) On the circuit breaker panel, close the SPEED BRAKE circuit breakers and remove the DO-NOT-CLOSE tag from it.
- (7) Remove the external DC power supply from the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL
GSE 067 Installation
Figure 601

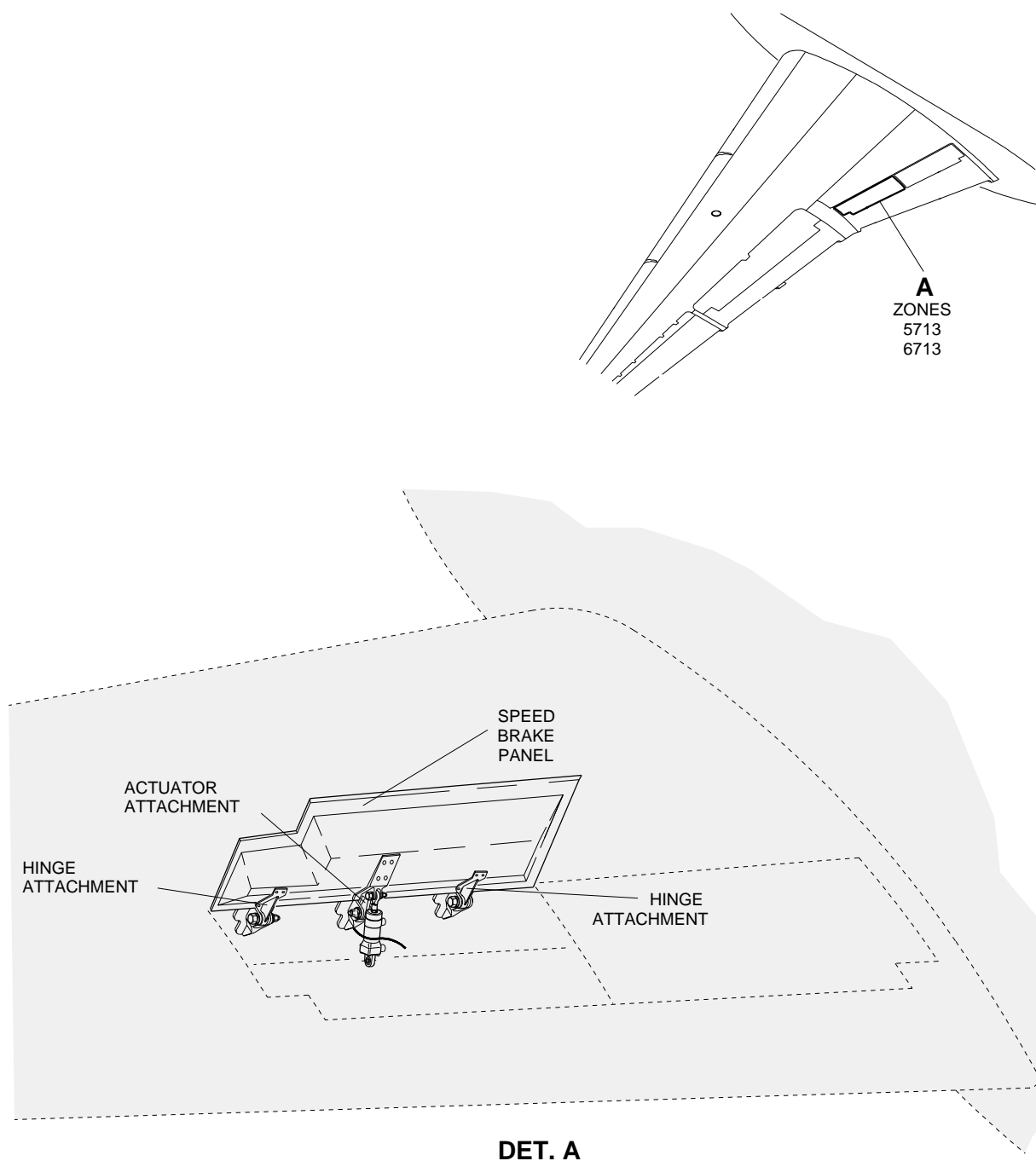


145AMM050241.MCE A

EFFECTIVITY: ALL

Speed Brake - External General Visual Inspection

Figure 602



145AMM050244.MCE A

