



### 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**

<i>REFERENCE</i>	<i>DESIGNATION</i>
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**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
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**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
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.**

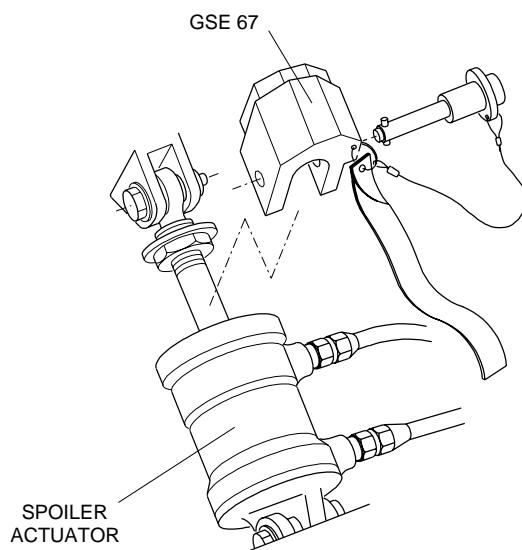
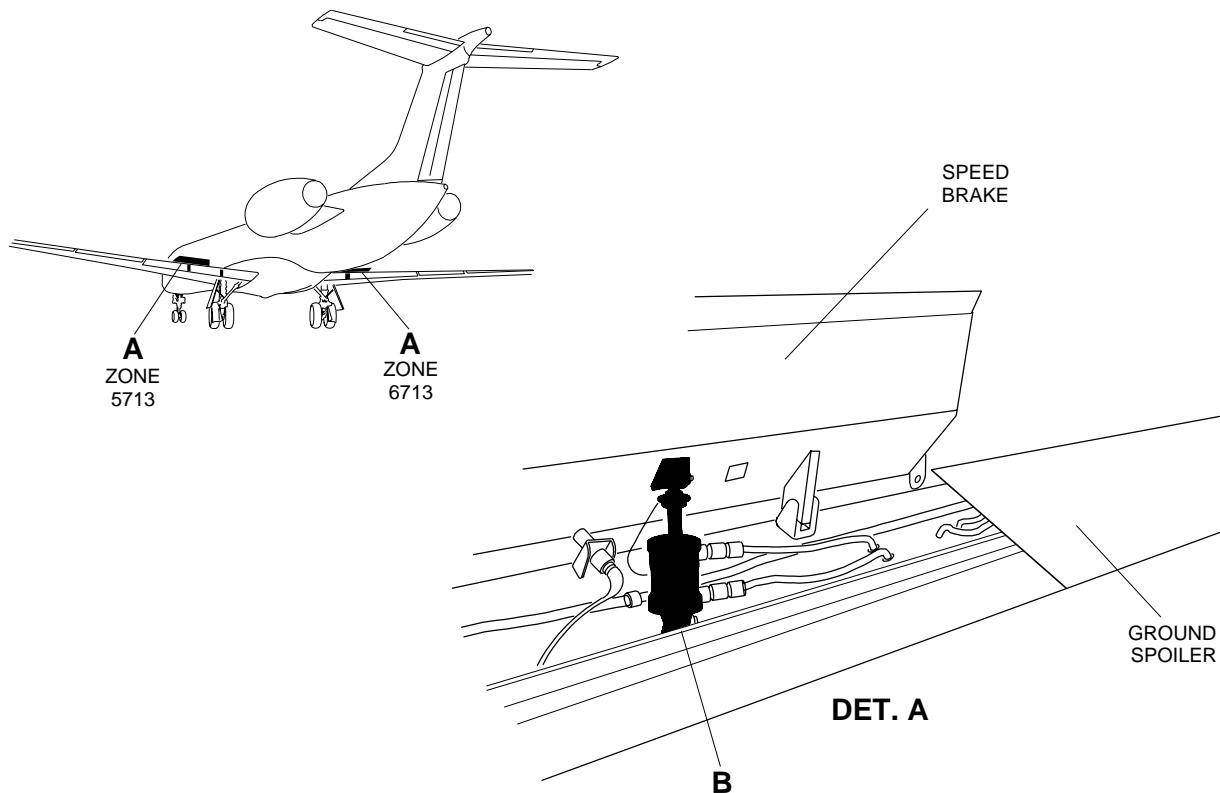
- (1) Energize the aircraft with the external DC power supply ([AMM TASK 20-40-01-860-801-A/200](#)).

- (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

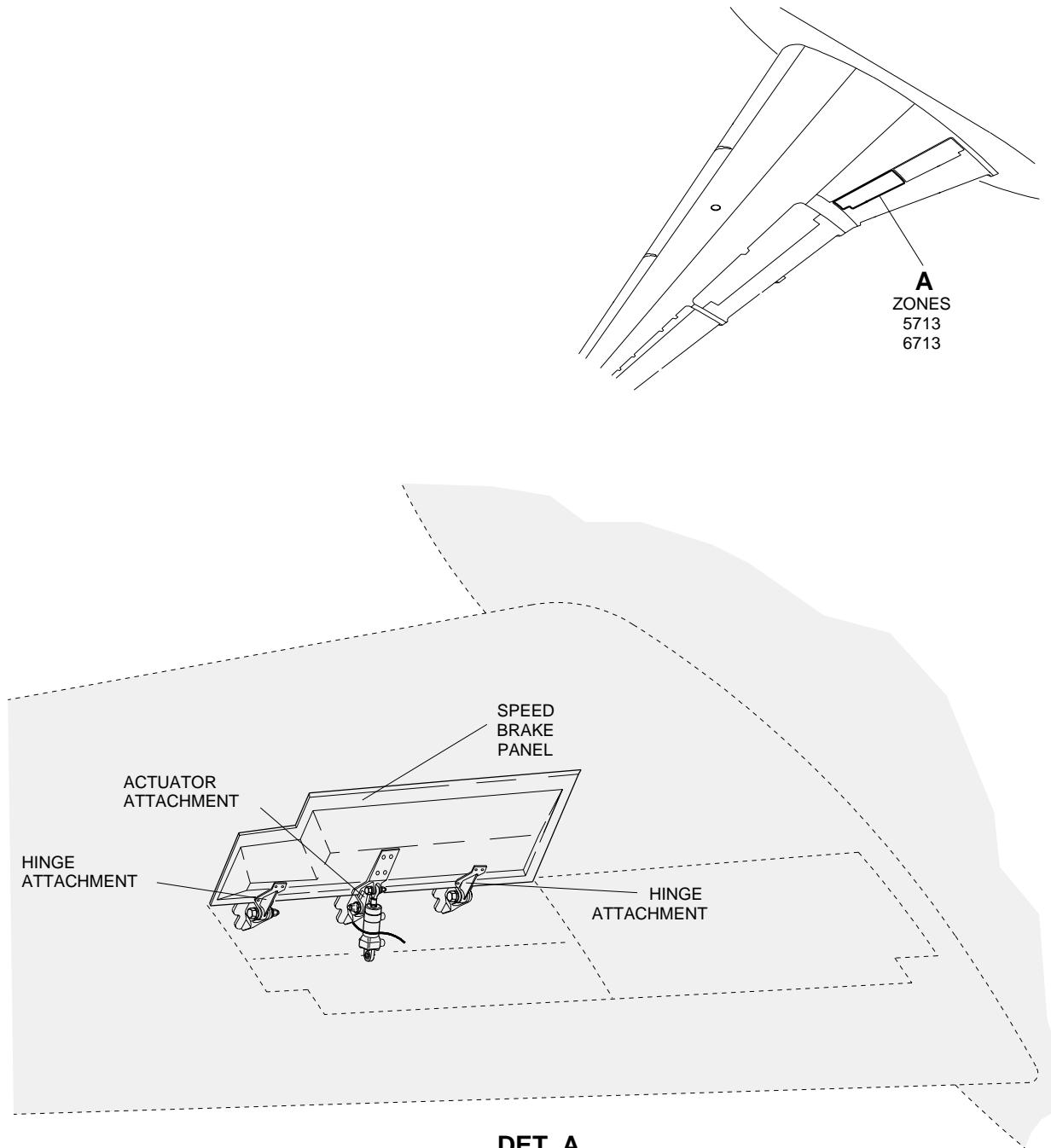
Figure 601



**DET. B**

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**EFFECTIVITY: ALL**

 Speed Brake - External General Visual Inspection  
 Figure 602


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