

## MAIN-DOOR ACTUATION-SYSTEM SPRING ACCUMULATOR - ADJUSTMENT/TEST

*EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR*

### 1. General

- A. The spring accumulator is kept filled with hydraulic fluid by the relief valve, and fills the actuators when the door is closed manually.
- 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
52-12-04-700-801-A	MAIN-DOOR-ACTUATION SYSTEM SPRING ACCUMULATOR - FUNCTIONAL TEST	AIRCRAFT WITH AIR- STAIRS DOOR

TASK 52-12-04-700-801-A

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## 2. MAIN-DOOR-ACTUATION SYSTEM SPRING ACCUMULATOR - FUNCTIONAL TEST

### A. General

(1) This task gives the procedure to do a test of the time necessary for the main door to lower.

### B. Zones and Accesses

Not Applicable

### C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Stop watch	To measure the time necessary for the door to lower	

### D. Auxiliary Items

Not Applicable

### E. Consumable Materials

Not Applicable

### F. Expandable Parts

Not Applicable

### G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Main door

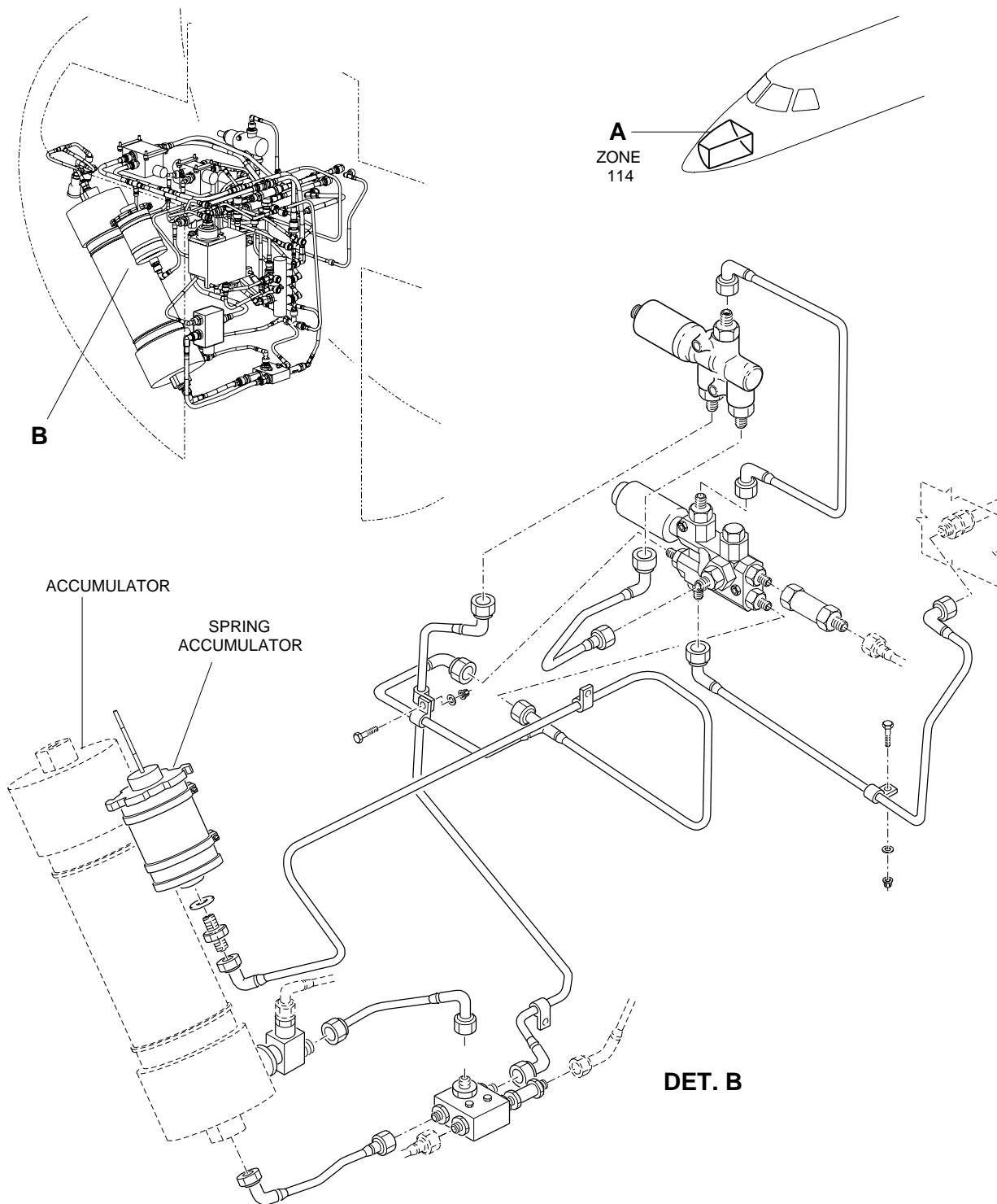
### H. Functional Test - Spring Accumulator ([Figure 501](#))

#### SUBTASK 720-002-A

- (1) Open the door.
- (2) Manually close the door.
- (3) Use the door control panel to open the door, and measure the time necessary for it to lower.

**NOTE:** The time for the door to lower must be from 8 to 10 seconds. If a time shorter than 8 seconds is found, examine the accumulator hydraulic circuit for leakage.

*EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR*  
Actuation System Spring Accumulator - Functional Test  
Figure 501



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