



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

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



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

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

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

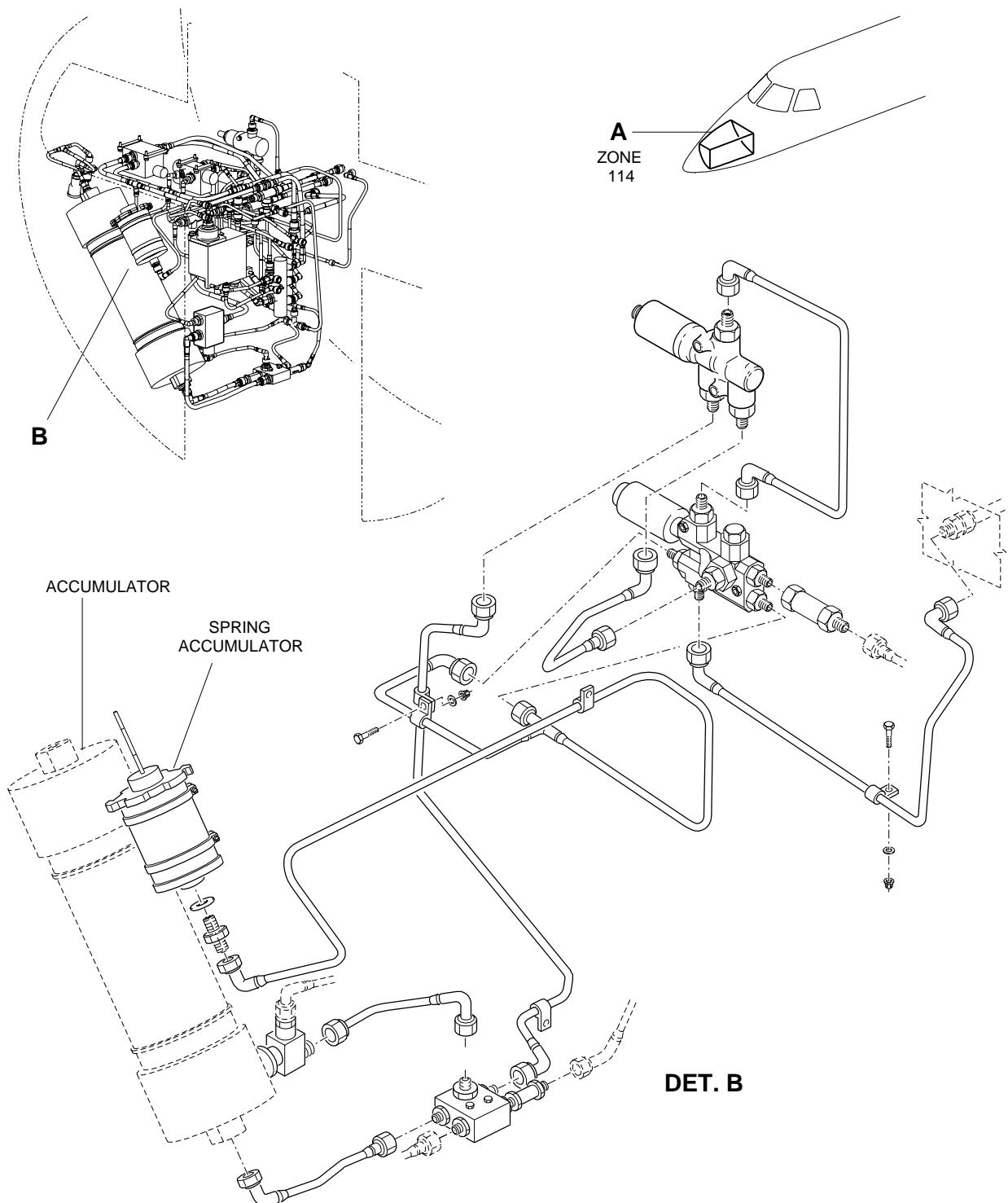
- (1) Open the door.

- (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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