

**PRESSURE SWITCH (ACCUMULATOR LOW PRESSURE) - ADJUSTMENT/TEST**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do a check of the operation of the pressure switch of the Accumulator Low Pressure.
- 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
32-44-05-700-801-A	PRESSURE SWITCH OF THE ACCUMULATOR LOW PRESSURE - FUNCTIONAL CHECK	ALL

TASK 32-44-05-700-801-A

EFFECTIVITY: ALL

## 2. PRESSURE SWITCH OF THE ACCUMULATOR LOW PRESSURE - FUNCTIONAL CHECK

### A. General

- (1) This task gives the procedures to do a check of the operation of the pressure switch of the Accumulator Low Pressure.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM SDS 23-40-00/1</a>	
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
<a href="#">AMM TASK 29-10-00-860-801-A/200</a>	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193CR	Hydraulic Compartment 2

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
<a href="#">GSE 044</a>	Headset, ramp handling	For communications	
<a href="#">GSE 012</a>	Wheel chock	To put at the aircraft wheels	

### 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	Cockpit
1	Helps the other technician	Outside the aircraft

### I. Preparation

**SUBTASK 841-002-A**

- (1) Put chocks at the landing gear wheels.

- (2) Open access door 193CR (AMM MPP 06-41-01/100).
- (3) Connect the ramp interphone ([AMM SDS 23-40-00/1](#)).
- (4) Energize the aircraft with the External DC Power Supply ( [AMM TASK 20-40-01-860-801-A/200](#)).

J. Functional Check of the Accumulator Low Pressure ([Figure 501](#))

*SUBTASK 720-002-A*

- (1) Do a check of the pressure switch of the Accumulator Low Pressure.
  - (a) Pressurize hydraulic system 2 only ( [AMM TASK 29-10-00-860-801-A/200](#)) to fill the accumulator of the Emergency/Parking Brake.
  - (b) Release the pressure from hydraulic system 2 ( [AMM TASK 29-10-00-860-801-A/200](#)).

Result:

1 The pressure gauge of the accumulator must be  $2800 \pm 200$  psi.

- (c) Slowly push and pull the Emergency/Parking Brake handle (approximately 3 complete cycles) until the EMERG BRK LO PRESS caution message comes on, on the EICAS display.

NOTE: To prevent hydraulic fluid transference from system 1 to system 2 or vice versa, first apply brakes with the pedals and then pull or release the emergency/parking brake handle.

Result:

1 The pressure gauge of the accumulator must be  $2325 \pm 75$  psi.

- (d) Pressurize the hydraulic system 2 only ( [AMM TASK 29-10-00-860-801-A/200](#)) to fill the accumulator of the Emergency/Parking Brake.

Result:

1 On the EICAS display, the EMERG BRK LO PRESS caution message goes out of view.

K. Follow-on

*SUBTASK 842-002-A*

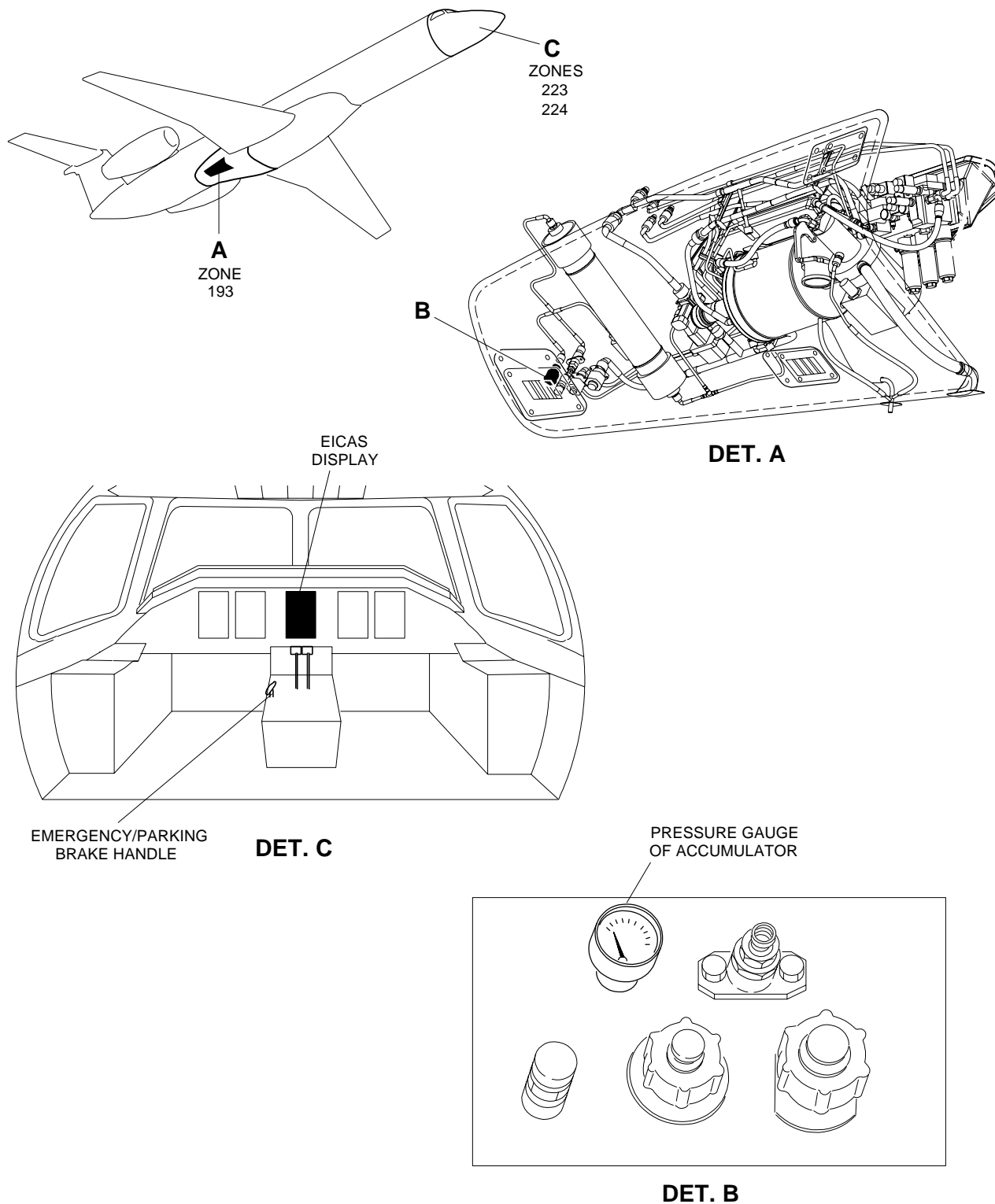
- (1) Pull the Emergency/Parking Brake fully until you lock it.

NOTE: To prevent hydraulic fluid transference from system 1 to system 2 or vice versa, first apply brakes with the pedals and then pull or release the emergency/parking brake handle.
- (2) Close access door 193CR (AMM MPP 06-41-01/100).
- (3) Release the pressure from hydraulic system 2 ( [AMM TASK 29-10-00-860-801-A/200](#)).
- (4) Deenergize the aircraft ( [AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

Accumulator Low Pressure - Test

Figure 501



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