



## AIRCRAFT MAINTENANCE MANUAL

### HYDRAULIC ACCUMULATOR - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to release the Hydraulic Accumulator of the Emergency/Parking Brake.
- 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
32-44-02-910-801-A	HYDRAULIC ACCUMULATOR EMERGEN- ALL CY/PARKING BRAKE - RELEASE	

**TASK 32-44-02-910-801-A**
**EFFECTIVITY: ALL**
**2. HYDRAULIC ACCUMULATOR EMERGENCY/PARKING BRAKE - RELEASE**
**A. General**

- (1) The pressure from the fluid chamber of the Hydraulic Accumulator of the Emergency/Parking Brake must be full released as necessary during maintenance procedures.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-42-00/100	-
<a href="#">AMM TASK 10-10-01-500-801-A/200</a>	AIRCRAFT NORMAL PARKING

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
193	193CR	Hydraulic compartment

**D. Tools and Equipment**

Not Applicable

**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	Hydraulic compartment

**I. Release (Figure 201)**
**SUBTASK 610-002-A**

- (1) Put chocks at the landing gear wheels ([AMM TASK 10-10-01-500-801-A/200](#)).
- (2) For aircraft not equipped with oil discharge valve (1), operate the emergency/parking brake handle (3) until the BRAKE ON light, on the instrument panel, goes off and does not go back to on.

**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.



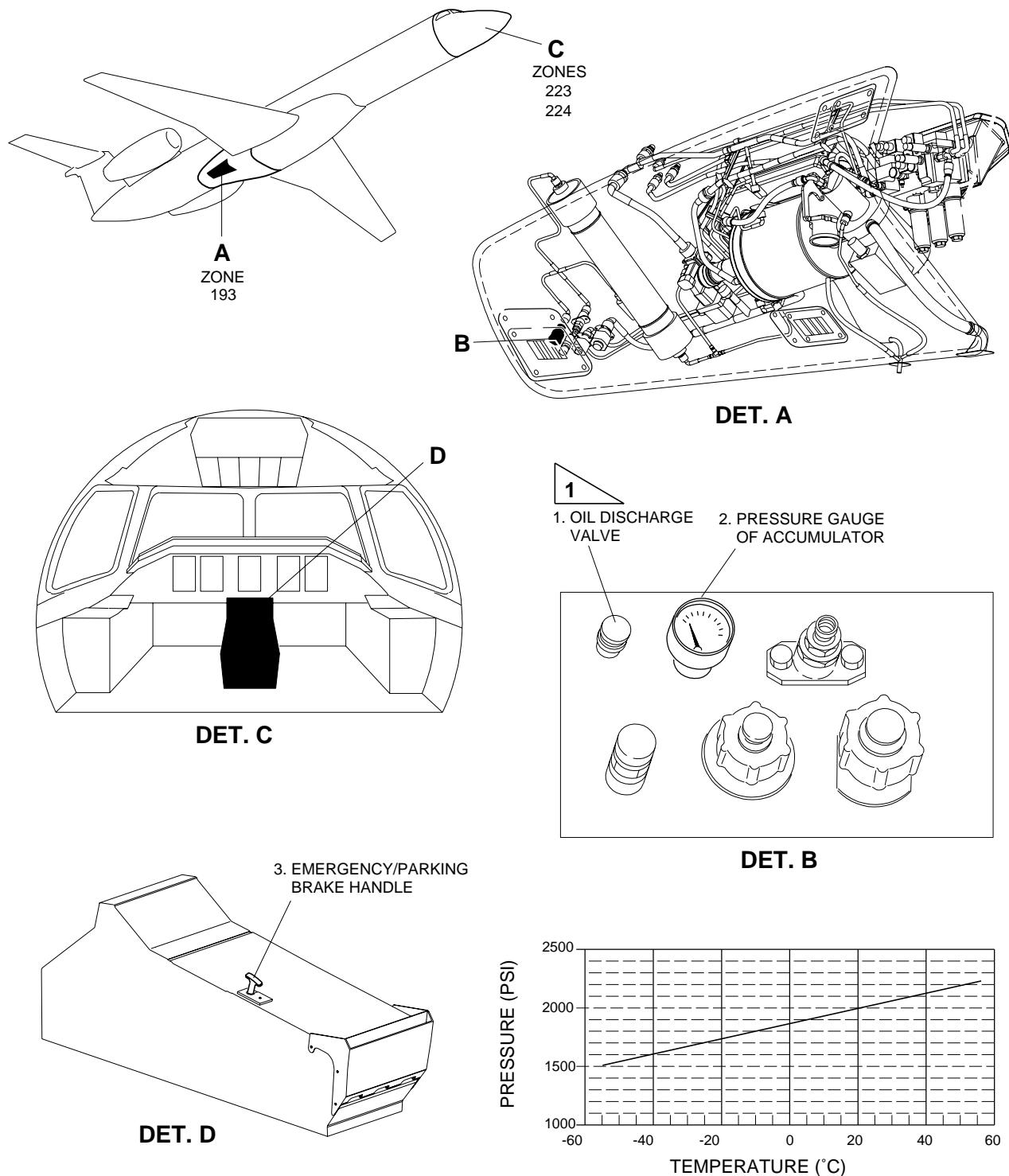
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- (3) For aircraft equipped with oil discharge valve (1), open access panel 193CR (AMM MPP 06-42-00/100) and hold the valve open until the hydraulic accumulator is fully discharged.
- (4) Wait for 3 (three) minutes minimum and, after this interval, make sure that the precharge of nitrogen shown on the pressure gage (2) is 2000 psi at the ambient temperature of 21.1°C (70°F). For other ambient temperatures, refer to the graph on [Figure 201](#).
- (5) Make sure that the message EMERG BRK LO PRESS is activated on the EICAS.

**EFFECTIVITY: ALL**

Hydraulic Accumulator of the Emergency/Parking Brake - Release

Figure 201



FOR AIRCRAFT EQUIPPED WITH OIL DISCHARGE VALVE.

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