

## 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- CY/PARKING BRAKE - RELEASE	ALL

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

REFERENCE	DESIGNATION
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

ZONE	PANEL/DOOR	LOCATION
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

QTY	FUNCTION	PLACE
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.

- (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

