

## VENT VALVE - INSPECTION/CHECK

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the inspection of the vent valve.
- 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 |
|----------------------|---------------------------------|-------------|
| 28-23-04-200-801-A ◆ | VENT VALVE HARNESS - INSPECTION | ALL         |

TASK 28-23-04-200-801-A

EFFECTIVITY: ALL

## 2. VENT VALVE HARNESS - INSPECTION

### A. General

- (1) This procedure obeys the Fuel Tanks Safety and EWIS ICA requirements.
- (2) This task is applicable to the LH and RH vent valves.
- (3) Avoid to unlace or move the electrical wiring and components during the detailed visual inspections.

### B. References

| REFERENCE                       | DESIGNATION                              |
|---------------------------------|--|
| AMM MPP 06-44-00/100            | - COMPONENT LOCATION                     |
| AMM MPP 28-00-00/200            | - MAINTENANCE PRACTICES                  |
| AMM MPP 28-11-01/400            | - REMOVAL/INSTALLATION                   |
| AMM MPP 28-23-04/400            | - REMOVAL/INSTALLATION                   |
| AMM TASK 12-11-01-600-801-A/300 | FUEL-TANK PRESSURE REFUELING - SERVICING |
| AMM TASK 12-11-01-600-802-A/300 | FUEL-TANK PRESSURE DEFUELING - SERVICING |
| SB145-28-0023                   | -  |
| WM 20-22-00                     | -  |

### C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION             |
|------|------------|----------------------|
| 541  | 541EB      | LH Underwing surface |
| 641  | 641EB      | RH Underwing surface |

### 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 | Fuel tanks |

I. Preparation

*SUBTASK 841-002-A*

**WARNING:** BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO THE MATERIAL.

- (1) Defuel the tanks ( [AMM TASK 12-11-01-600-802-A/300](#)).
- (2) Remove the access panels ( [AMM MPP 06-44-00/100](#)) and ([AMM MPP 28-11-01/400](#)), shown below to get access to the pilot valve:
  - (a) LH fuel tank:
    - 541EB.
  - (b) RH fuel tank:
    - 641EB.
- (3) Remove the left and right vent valves ([AMM MPP 28-23-04/400](#)).

**NOTE:** On aircraft POST-MOD [SB145-28-0023](#), you can do the inspection with the vent valves installed. For this, it is necessary to disconnect the vent valve harness splice, disconnect the hose from the vent valves, and remove the harness from the hose (Refer to [AMM MPP 28-23-04/400](#)).

J. Visually Inspect Vent Valve Harness Inside the Conduit

*SUBTASK 220-002-A*

- (1) Do the detailed inspection on the harness for the two vent valves:
  - (a) Visually check wire insulation for damage.
  - (b) Examine the remaining EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

*SUBTASK 842-002-A*

- (1) Install the left and right vent valves ([AMM MPP 28-23-04/400](#)).
- (2) Install the access panels as shown below. Refer to [AMM MPP 06-44-00/100](#) and [AMM MPP 28-11-01/400](#).
  - (a) LH fuel tank:
    - 541EB.
  - (b) RH fuel tank:
    - 641EB.
- (3) Refuel the aircraft ( [AMM TASK 12-11-01-600-801-A/300](#)) as applicable.

