

## DC/DC CONVERSION SYSTEM - ADJUSTMENT/TEST

*EFFECTIVITY: FOR AIRCRAFT WITH DC/DC POWER CONVERSION SYSTEM*

### 1. General

- A. This section gives the procedures to do the test of the DC/DC Power Conversion system.
- 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
24-37-00-700-801-A	DC/DC POWER CONVERSION SYSTEM - FUNCTIONAL TEST	FOR AIRCRAFT WITH DC/DC POWER CONVERSION SYSTEM

TASK 24-37-00-700-801-A

*EFFECTIVITY: FOR AIRCRAFT WITH DC/DC POWER CONVERSION SYSTEM*

## 2. DC/DC POWER CONVERSION SYSTEM - FUNCTIONAL TEST

### A. General

- (1) This task gives the procedures to do the test of the DC/DC Power Conversion system.
- (2) The Cockpit 12 V DC Electrical Outlet is installed in the RH lateral console, in zone 224.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
224		Cockpit RH

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
<a href="#">GSE 050</a>	Multimeter Digital	To measure voltage	

### 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	On the cockpit RH side

### I. Preparation

#### *SUBTASK 841-003-A*

- (1) Energize the aircraft with the External DC-Power Supply ( [AMM TASK 20-40-01-860-801-A/200](#)).
- (2) On the circuit breaker panel, make sure that the Mobile Phone Charger circuit breaker is closed.

J. Test Procedure ([Figure 501](#))

*SUBTASK 820-003-A*

- (1) Do the DC/DC Power Conversion system test as follows:
  - (a) On the Cockpit 12 V DC Electrical Outlet (4), open the cap (8).
  - (b) Set the multimeter (1) to the DC Voltmeter function (2).
  - (c) Put the test lead (3) at the outlet positive pole (5).
  - (d) Put the test lead (7) at the outlet negative pole (6).
  - (e) Make sure that the display of the multimeter (1) shows 12 V DC  $\pm$  1 V DC.

K. Follow-on

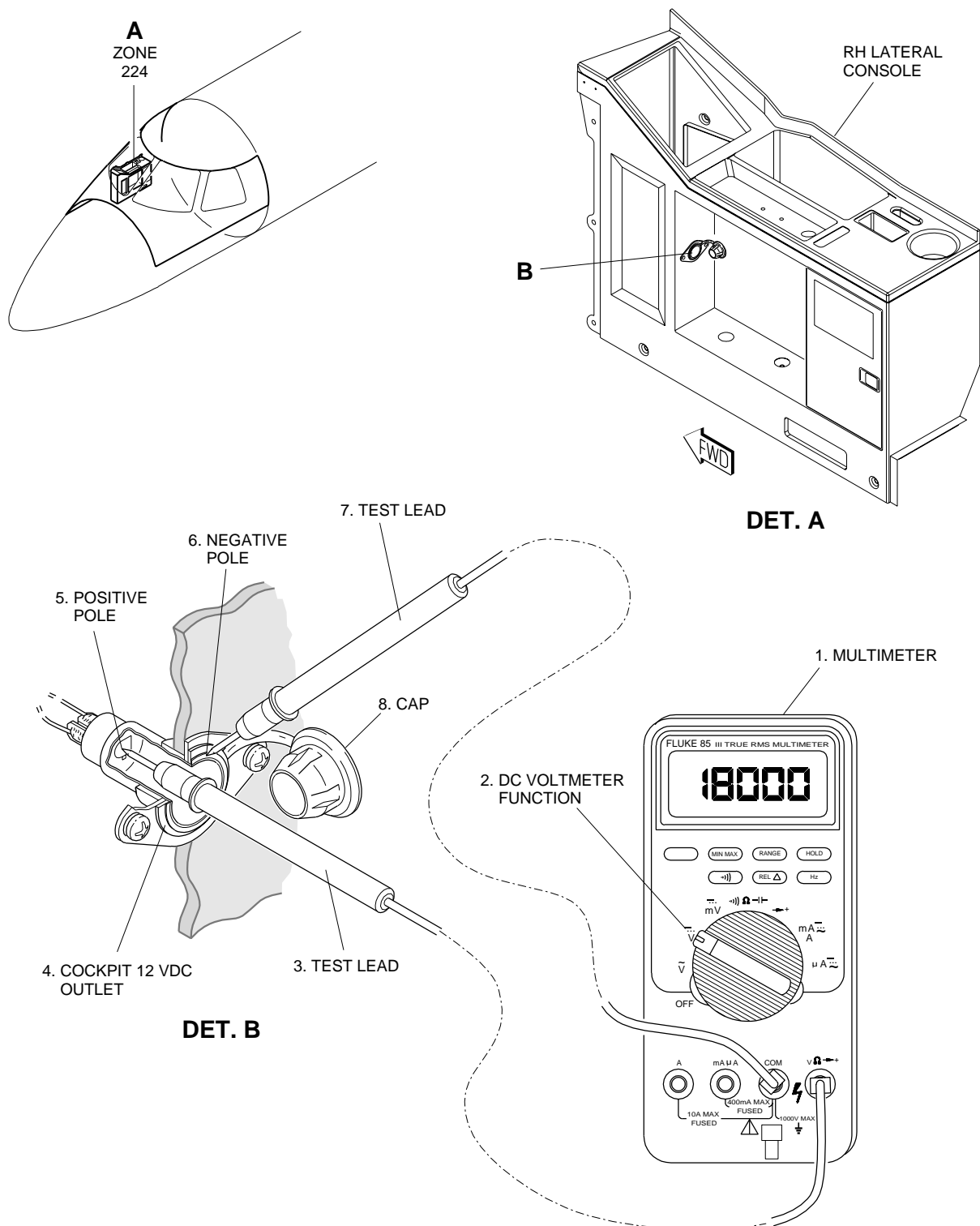
*SUBTASK 842-003-A*

- (1) Deenergize the aircraft ( [AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: FOR AIRCRAFT WITH DC/DC POWER CONVERSION SYSTEM

DC/DC Power Conversion System - Test

Figure 501



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