

BATTERY POWER SUPPLY - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the functional check of the Battery Power Supply.
- B. The Battery Power Supply supplies DC power to the electrically-illuminated emergency exit signal and lights when the normal electrical power supply is lost.
- C. The Battery Power Supply includes a battery pack and an electronic assembly mounted on a chassis.
- D. There are four Battery Power Supplies installed on the aircraft as follows:
 - (1) Battery Power Supply 1 - Installed on the right side of the fuselage, between the TCAS computer and the cockpit wall.
 - (2) Battery Power Supply 2 - Installed at the ceiling, above the service door.
 - (3) Battery Power Supply 3 - Installed below the floor panel (on the single-passenger seat side).
 - (4) Battery Power Supply 4 - Installed at the ceiling (third passenger window, after the emergency exit).
- E. 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
33-50-04-700-801-A ♦	BATTERY PACK - FUNCTIONAL CHECK	ALL

TASK 33-50-04-700-801-A

EFFECTIVITY: ALL

2. BATTERY PACK - FUNCTIONAL CHECK

A. General

- (1) The function of this check is to make sure that the battery power supply is in good functional condition.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-50-04-000-802-A/400	BATTERY PACK - REMOVAL
AMM TASK 33-50-04-400-802-A/400	BATTERY PACK - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
155	251JF	Wing stub - LH
232		Aft wardrobe
234		Passenger cabin ceiling - RH
253		Passenger cabin ceiling - LH

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	In the passenger cabin

I. Preparation

SUBTASK 841-002-A

- (1) Remove the battery pack ([AMM TASK 33-50-04-000-802-A/400](#)).

J. Functionally Check Battery Pack

SUBTASK 720-002-A

- (1) This item is applicable to all Battery Power Supply part numbers, except for part number 100865 manufactured after Aug 20/02.

- (a) Refer to the last revision of CMM 25-60-03 (Radiant Power Corp.) to do the emergency-lighting-system battery test and put the battery pack back to a serviceable condition.
 - (2) This item is applicable to Battery Power Supply part number 100865 manufactured after Aug 20/02.
 - (a) Refer to the last revision of CMM 33-21-70 (Bruce Industries) to do the emergency-lighting-system battery test and put the battery pack back to a serviceable condition.
- K. Follow-on
- SUBTASK 842-002-A*
- (1) Install the battery pack ([AMM TASK 33-50-04-400-802-A/400](#)).

