

NI-CAD BATTERY - INSPECTION/CHECK**1. General**

- A. This section has the inspections and checks necessary to keep the battery in a serviceable condition.

TASK 24-34-00-720**2. Marathon Ni-Cad Battery Functional Check (Capacity Check)****A. General**

- (1) This section gives the information needed to complete the inspection procedures for the ni-cad battery.

B. Special Tools

- (1) None

C. Access

- (1) Open the right cowling door to get access to the battery. Refer to Chapter 71, Engine Cowling and Nose Cap - Maintenance Practices.

D. Do the Marathon Ni-Cad Battery Functional Check (Capacity Check).

- (1) Remove the battery from the airplane. Refer to Ni-Cad Battery - Removal/Installation.
(2) Visually examine the nickel-cadmium battery for its general condition.
(3) Examine the connectors for an overheat indication, burns, or signs of arcing.
(4) Examine the vent tubes for deterioration, rubs, and wear.
(5) Examine the battery support structure and the adjacent areas for corrosion, cracks, and rubs.
(6) Do a capacity check and an electrolyte level adjustment of the Marathon Ni-Cad battery. Refer to the MarathonNorco Aerospace Operating and Maintenance Manual.
(7) Install the battery in the airplane. Refer to Ni-Cad Battery - Removal/Installation.

E. Restore Access

- (1) Close the right cowling door. Refer to Chapter 71, Engine Cowling and Nose Cap - Maintenance Practices.

END OF TASK