

DIRECT CURRENT GENERATION - DESCRIPTION AND OPERATION

1. General

- A. Electrical power for the airplane consists of a 24 VDC, 45 ampere-hour lead acid battery or optional ni-cad battery. A 200-ampere, engine-driven starter/generator is installed in the airplane. The starter/generator functions as a starter motor for engine starting and as a generator after start, when the starter switch is placed in the OFF position above 41 percent N_g (gas generator) speed.
- B. This section provides maintenance information for the generator control unit (GCU). For maintenance of the starter/generator (including generator brushes), refer to Chapter 80 Starter/Generator - Maintenance Practices. For removal/installation of the blast tube, refer to Chapter 80, Starter/Generator Cooling Air Blast Tube - Maintenance Practices.