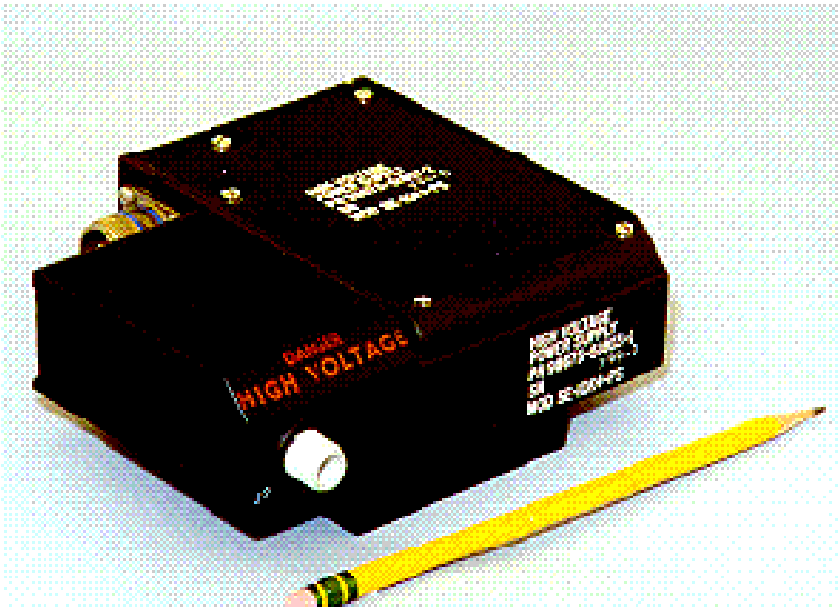


POWER SUPPLIES

High Voltage

- DC/DC Converter
- Airborne Radar Application



Features:

- Airborne environment extremes
- Qualified to MIL-E-5400T class 2
- MTBF: 30,000 Hours
- Qualified to MIL-STD-461

Espey developed this power supply for the AN/APN-169 station-keeping radar system for a prime military contractor program. This multiple output, 10 kV, high voltage DC-DC converter module is designed for extreme airborne environmental conditions.

Specifications:

Electrical Specifications

- **Input Voltage:** 26 Vdc +/- 2 Vdc
- **Output Voltage:**

+10.0 kV +/- 1%	0 – 100 uAmps
- 1.6 kV +/- 1%	0.6 -2 mAmps
+ 6.3 V +/- 1%	700 mAmps
- **Regulation:** +/- 2%

Mechanical Specifications

- **Weight:** 3 lbs.
- **Size:** 5"x5.8"x2.2"
- Sealed case

Rev. A