dB Control
Reliability by Design™

Repair Depot Services

Services

- Repair, refurbishment or replacement of high-voltage and low-voltage power supplies and TWT amplifiers
- Modern encapsulation and potting lab
- Troubleshooting and repair of PCB assemblies and potted modules
- Thorough incoming inspection and evaluation reports
- In-House environmental screening for altitudes up to 70,000 feet and temperatures from -55° C to 100° C, including conduction-cooling through the base plate
- RF/Microwave products characterization, interface and integration specialists
- Two decades of experience for military airborne applications, with configuration control to MIL-I-45208

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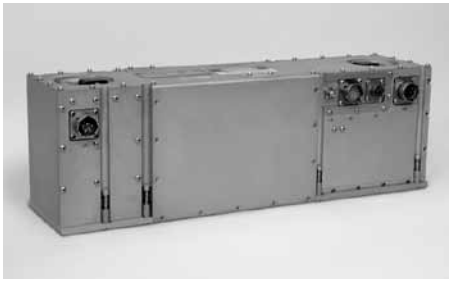
www.dBControl.com

Reliability by Design™

AN/ALQ-172 Pave Mint

dB Control is proud to be a prime depot repair and overhaul facility for the high-voltage power supplies used in the AN/ALQ-172 Countermeasures System (CMS) radar warning system. The AN/ALQ-172 Jammer provides the B-52H, AC-130U, MC-130H and other aircraft with electronic countermeasures (ECM) against airborne and ground based fire control radar systems and associated missiles.

Since 1999, Teledyne Technologies has used dB Control as a subcontractor for the repair of AN/ALQ-172 HV power supplies from Warner Robins Air Logistics Center. dB Control services close to 100 units per year with a rejection rate of less than two percent.



About dB Control

Established in 1990, dB Control designs and manufactures high-power microwave amplifiers, radar and ECM transmitters, high- and low-voltage power supplies, modulators and custom assemblies for military and commercial applications. The company's high-power amplifiers use solid state, as well as vacuum, electronics devices and cover the 1 to 95 GHz frequency range. The modularity of dB Control's designs enable rapid configuration of custom products for a variety of platforms, from ground-based to high-altitude military manned and unmanned aircraft. dB Control's modern 40,000-square foot facility in Fremont, California, includes a high-voltage laboratory for manufacturing and testing transformers, inductors and integrated assemblies of up to 120 kV, RF/microwave test instruments for complete product characterization and environmental test capabilities for temperature, altitude, vibration and shock.

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