

Avionics Power for Military Aircraft



Crane Aerospace & Electronics – Electronics Group meets the evolving needs of military aircraft avionics system manufacturers with power solutions that have lower cost, lighter weight and higher reliability. From standard power supplies to custom designed power subsystems, we have the proven expertise to deliver what you need. We can help you configure the ideal power solution for your application.

We design and manufacture high quality, high-reliability switch-mode power supplies for use in avionics electronic systems. Available with single or multiple outputs, they are designed to withstand the severe environments found in military applications. Typically, the supplies are used as the power source for flight critical computers, secured communications terminals, electronic counter-measure equipment, cockpit and in-cabin instruments, and radar equipment.

Our high MTBF, highly efficient, products can be customized to meet specific environmental conditions including ruggedization for military aircraft. All of our designs go through a rigorous design and testing process. HALT testing is optional. Solutions are offered through three industry proven brand names – ELDEC, Interpoint and Keltec.

A sample of military aircraft platforms currently utilizing our power products include:

Apache	F-22
Blackhawk	F-35 JSF
AV-8B	Hawk
B1-B	Jaguar
B-2	Mirage
EH101	Nimrod
Eurofighter Typhoon	Rafael
F-15	T-45
F-16	Tornado
F/A-18	V-22 Osprey

Power Solutions offerings:

- DC/DC Converters
- AC/DC Converters
- Low Voltage Power Supplies
- High Voltage Power Supplies
- EMI Filters
- Avionics Power Subsystems
- TWT Amplifiers
- ECM/Radar Transmitters
- Transformer Rectifier Units
- Auto-Transformer Rectifier Units
- Battery Chargers

Crane Aerospace & Electronics also offers Microwave Systems Solutions, Microelectronics Solutions and Electronic Manufacturing Solutions.



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Count on the Crane Aerospace & Electronics companies

Crane Aerospace & Electronics companies are known for their technical strength, proven product reliability, innovative solutions and overall value. We are ISO9000 certified and committed to world-class processes. From application engineering, through design and manufacturing, we offer a comprehensive approach to product specification, design certification and service. Whether you're looking for a standard or custom designed power solution, we have the proven experience to deliver what you need.

You can also count on us for in-service support. Our worldwide extensive product support program is backed by high caliber staff accustomed to the needs of the military. It's all part of the added value you can expect when you bring together an experienced team.

We have over 212 years of combined experience

in the design and manufacture of high quality, high reliability power products. Crane Aerospace & Electronics combines the experience of eight industry leading companies to give manufacturers one integrated source for sensing, power, braking, microwave, electronic manufacturing, microelectronics and more.

Structured into the Aerospace Group and the Electronics Group, Crane Aerospace & Electronics products can be found in some of the toughest environments: from aircraft engines and landing gear, to space satellites and medical implants.

The Electronics Group designs and manufactures high-density, high-reliability electronics for aerospace, space, military, medical, industrial, and commercial applications. We provide solutions for Power, Microwave Systems, Electronic Manufacturing, and Microelectronics. From Mars Rovers to implantable defibrillators; from submarines to fighter jets, Electronics Group products have proven their ability to operate in the most demanding environments. Crane Co. is a diversified manufacturer of engineered industrial products. Crane Co. is traded on the New York Stock Exchange (NYSE: CR).



Crane Aerospace & Electronics

ELDEC • INTERPOINT • KELTEC

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