



electronics

Power Conversion Products

- **Civil & Military Aerospace**
- **Military Vehicles**
- **Maritime Vessels**
- **Special Industries**

Technical Sales Representation by:



History & Background

- In business since 1959
- Family-owned SME
- Specializing in the Design & Manufacture of highly qualified Power Conversion Products
- Approximately 100 employees
- 54,000 ft² office & manufacturing Space
3 facilities: Arcadia, Pomona, Upland (CA)
- Over 15,000 units, 400 different models sold p.a.
- Over 1100 active customers
- Recognized by major OEMs, Integrators, MROs

Industry Sectors



Commercial Aviation



General Aviation



Military Aircraft



Helicopter, UAV

Industry Sectors



Marine Vessel



Military Vehicles



Medevac



Special Industries

International Sales Representation

- 
- ARGENTINA
 - AUSTRALIA
 - **AUSTRIA** ¹⁾
 - BRASIL
 - CHINA
 - **CZECH REPUBLIC** ¹⁾
 - DENMARK
 - ENGLAND
 - FRANCE
 - **GERMANY** ¹⁾
 - NETHERLANDS
 - HONG KONG
 - ITALY
 - INDONESIA
 - ISRAEL
 - JAPAN
 - **POLAND** ¹⁾
 - **ROMANIA** ¹⁾
 - SINGAPORE
 - SOUTH AFRICA
 - SWEDEN
 - **SWITZERLAND** ¹⁾
 - **UKRAINE** ¹⁾

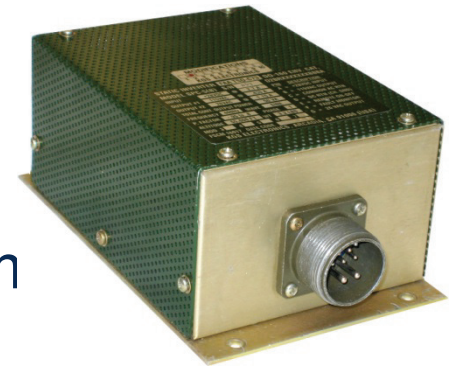
Experience & Expertise

- Over 60 Years of Design & Manufacturing Experience in Power Conversion Technology
- Major Aerospace & Military Customers
- ISO/AS9100 Certified
- Aerospace Market Depth
- Proven Solutions
- FAA TSO/PMA certified products
- DO160 Qualified Products
- Military Qualified Products



Advanced Technologies

- Advanced Power Processing Designs
- High Efficiency
- Low Mass (Weight)
- Smaller Size (>Power: Size Ratio)
- Highly Integrated (Less Parts Better Com Integration)
- Higher Reliability
- Better Electrical Performance
(Response, Regulation, Distortion, Dissipation, PFC, etc.)
- 10VA to 2KVA Capability
- Variable Frequency Input



Power Conversion Products

- 400Hz Static Inverters
- 50/60Hz Static Inverters
- DC/DC Converters, Light Dimmers
- Power Management Units
- AC to DC Power Supplies
- AC to AC Power Converters
- Frequency Converters
- Misc. specialty products (consult AZCS for details)



Power Conversion Products

- Boost DC Converters
- Battery Chargers
- Current Limiting Devices
- Actuator Control Logic
- EL Inverters
- 400Hz Transformers
- Sync Boxes



Power Distribution Products

- Integrated Digital Processes

- Power Conversion
- Supervisory Functions
- Communication

- Power Management

- GFCI
- Power Factor Correction
- Power Distribution
- Monitoring & Protection



Aerospace Applications 400Hz AC

- Power for Cockpit Avionics like:
 - Radars
 - Gyros
 - RMIs
 - ADFs
 - Various others
- Cockpit Lighting
- Various devices



Aerospace Applications DC/DC Products

- Avionics & Radios
- Cabin Interior
- Entertainment
- Lighting
- Various others



Aerospace Applications 50/60Hz Power

- Personal Electronics (COTS)
- Computers
- Games
- Audio/Video
- Various others



Aerospace Applications 50/60Hz Power

- Galley Appliances
- Medical Equipment (EMS)
- Office Equipment
- Lavatory
- Winches and Drives
- Various others



References - OEM

- Airbus Industries, EADS, CASA
- Airbus Helicopters
- Dassault Falcon Jet
- Gulfstream Aerospace
- Bombardier
- Piaggio Aero
- Cessna Aircraft
- Pilatus Aircraft
- Raytheon Aircraft
- Diamond Aircraft

References - OEM

- Embraer
- PZL-Swidnik/Leonardo
- PZL-Mielec/Lockheed Martin
- LET Aircraft
- Bell Helicopter
- Robinson Helicopter
- L3/E-Systems
- Boeing Aircraft
- Antonov
- RUAG Aviation

References – OEM

- General Atomics
- Alenia Aermacchi
- Learjet
- UTC Aerospace
- Teledyne
- Israel Aircraft
- ZLT Zeppelin
- Beechcraft
- LOM Praha
- ... many more ...

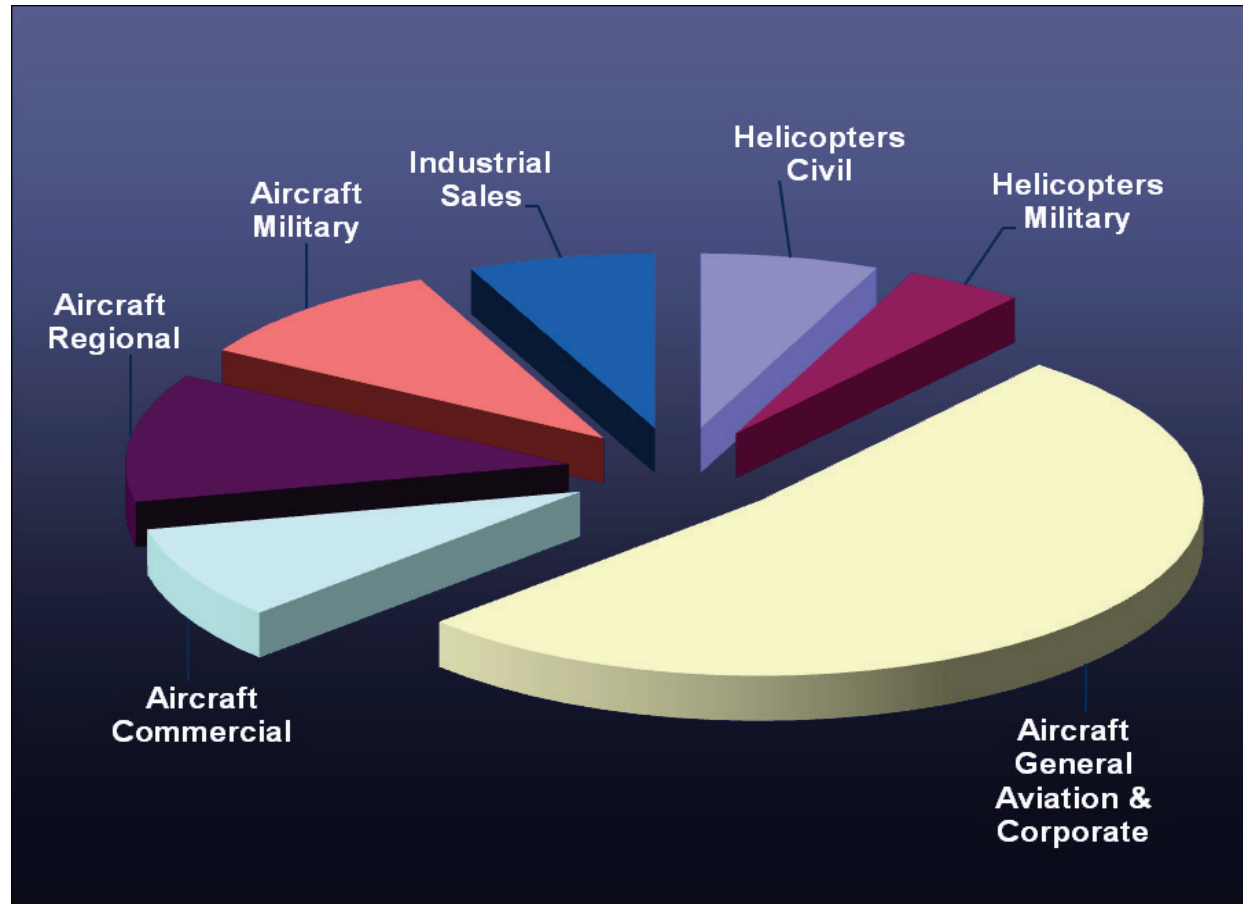
References – Integrators, MRO

- AAT Air Ambulance Technology
- Aerolite
- Kuerzi Avionics
- Bucher Leichtbau
- Jet Aviation
- AMAC Aerospace
- Lufthansa Technik
- UTC Aerospace
- AAT Air Ambulance Technology
- Rolls-Royce

References – Integrators, MRO

- AWI Alfred Wegener Institut
- DRF, ADAC, REGA
- ESG
- Goodrich
- Aerodata
- Airborne Technologies
- TAG Maintenance
- Deltamed
- Scotty
- ... many more ...

Product Sector Sales Detail



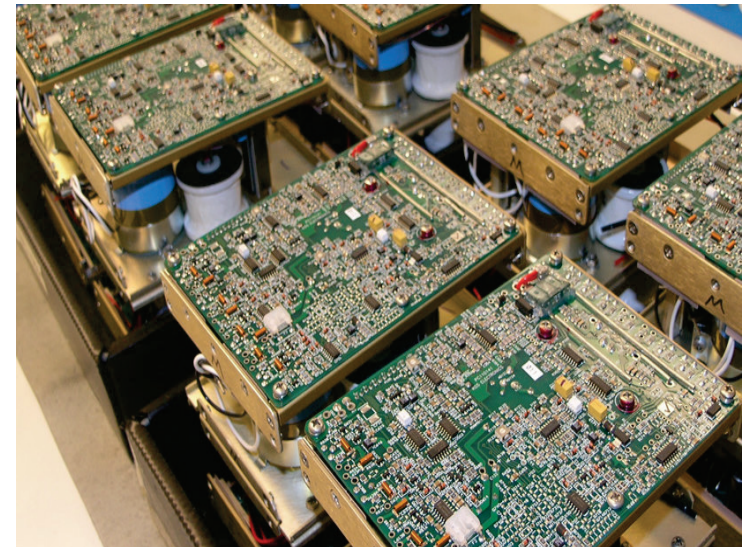
Working Environment

- Efficient
- Dedicated
- Organized
- Audited
- Team Concept



Company Resource Allocation

- 40% Manufacturing
- 14% Testing
- 14% Engineering/Development
- 10% Quality Assurance
- 8% Repair
- 8% Administration & Sales
- 6% Inventory Parts Mgmt.



Corporate Emphasis

- Product Integrity
- Adaptable Applications/Special Design
- Cooperative Design Support
- Customer Service
- Product Support
- Teamwork



International, Authorized Service Centers



Certifications

- AS9100:2009
- ISO-9001:2015
- FAA TSO Authorization
- FAA Part 145 Repair Station
- EASA/JAA Part 145 Repair Station
- MIL-I-45208A Recognized QA System
- FAA DMIR Resident
- UL-544 Underwriters Laboratories

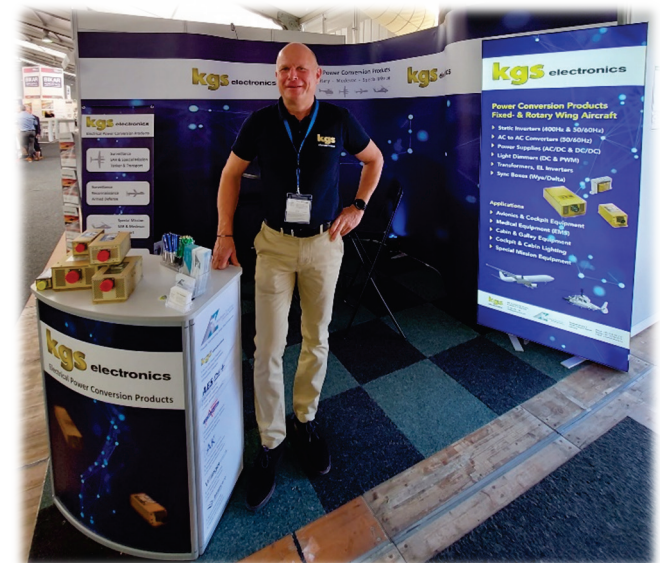


Memberships and Affiliations

- National Business Aircraft Association
- Helicopter Association International
- California Manufacturer's Association
- US Chamber of Commerce
- California Chamber of Commerce
- Aircraft Electronics Association
- ASQ – American Society for Quality

Int'l. Exhibition Participation by

- ILA (Berlin)
- AERO (Friedrichshafen)
- Bodensee Aerospace Meeting (GER-SUI-AUT)
- European Rotors (Cologne, Amsterdam, ...)
- Aviation Forum (Hamburg, Munich)
- NBAA (USA)
- VAI/HAI (USA)
- SIAE (FRA)
- Misc. (GER/FRA/POL/CZE/...)





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