

EXPERIENCE

Communication

- Air-Ground Broadband • CPDLC • Data Comm
- HF Data Link • SATCOM • VDL Mode 2
- VHF Radio

Surveillance

- ADS-B • EHS • ISR • MODE S/IFF

Navigation & Safety

- Autopilot • GPS • FM Immunity • FMS • ILS
- INS • RNAV • RNP • TAWS/EGPWS • TCAS

B-Kit

- LRU Equipment

Other

- Aging Aircraft Rewiring • Cockpit Display
- DIRCM • EFB • EFIS • Electronic Propeller Control
- ELT • FDR/CVR • HUD/EVS • Lighting Sensor
- LIRCM • MFD • System Integration Lab (SIL)
- Weather Radar

PLATFORMS

EMTEQ works on many fixed- and rotary-wing platforms for Agusta, Bell, Boeing, Cessna, Eurocopter, Gulfstream, Lockheed Martin, and many others.

- A-37 • B-52 • Breguet 1150 • C-2 • C-5
- C-9 • C-12 • C-21 • C-23 • C-26 • C-160
- C-130/L-382/L-100 • C-295 • CH-47
- CH-53 • CN-235 • E-8 • EH-101 • F-14
- H-92 • KC-10 • KC-135 • NH90 • P-3
- UAV RQ-4A • UAV RQ-8 • UH-60
- UH-72A • V-22

Contact us for a full platform list.

APPROVED VENDOR

ACSS • Agusta • AgustaWestland • ARTEX • BAE Systems
Bell Helicopter • Boeing Defense Space & Security • EADS
Eurocopter • General Dynamics • Hamilton Sundstrand
Honeywell • L3 Communications • Lockheed Martin
Northrop Grumman • Raytheon • Rockwell Collins • Sikorsky
Thales • Thrane & Thrane

Contact us for a complete vendor list.

VALUE-ADDED CAPABILITIES & SUPPORT

Ensuring comprehensive solutions and support for your program's success.

- Project and program management including on-site engineering support
- On-site technical support, 24-hour AOG support, and installation services
- In-house FAA DER, DAR, DMIR, and PMA certification expertise; FAA consulting services including DER major alteration approval
- Product development, design, testing and analytical services
- FAA and EASA STC development and design data package development with FAA Partnership for Safety Plan and sales/local authority certification approval coordination
- FAA and EASA approved structural repair development
- Transport Canada Aeronautical Products Manufacturer and Maintenance Organization approvals and Transport Canada Design Approval Organization at ACS-NAI
- Subcontract manufacturing services to airframe manufacturers and maintenance organizations

GLOBAL QUALITY ASSURANCE

- Comply with EN/JSIQ/AS9100:2004, ISO9001:2008, or EN9100:2003 standards, as well as airframe OEM standards.
- FAA/EASA Part 145 Repair Station in New Berlin, WI and an EASA Part 145 Repair Station in Switzerland.
- EMTEQ's New Berlin office is an FAA/PMA approved manufacturing facility.
- We provide first article inspection, customer drawing log and revision control, as well as warehousing and lot control of customer supplied parts.

YOUR EMTEQ TEAM

Serving the air transport, government systems, corporate, Head-of-State/VIP and helicopter markets, EMTEQ offers an extensive selection of high quality, innovative products and services including cabin comfort, interior and exterior lighting, and aircraft systems and integration.

As your aviation partner, EMTEQ offers more than just quality products — we offer enhanced service, support and expertise. Our people are our most valuable asset because we know that people solve problems through empowerment, agility, responsiveness, resourcefulness, commitment and pride in workmanship.

Q FACTOR

EMTEQ could boast of our superior products and engineered avionics solutions, but we know above all, it is the intangible qualities of reaching farther, offering more support with quicker response, and an ethic of openness that makes us stand apart from the rest.

It's these qualities that we call our Q FACTOR.
YOUR SUCCESS IS OUR SUCCESS.

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GOVERNMENT SYSTEMS

EMTEQ®

To Us, Every Mission is Critical

Avionics and LED Lighting products, engineering, and modification services that enable you to get the job done.



A-KITS & SYSTEM INTEGRATION

From multi-faceted, complex programs to production overload needs, our staff focuses on value-added avionics products and services to ensure your satisfaction. Whatever you're A-kit demands, our experts provide assistance from project completion through installation and certification compliance.

- Low loss, lightweight RF coaxial cable assemblies and connectors
- Ethernet, databus, composite and fiber optic cable assemblies
- ARINC 404/600 and military special avionics trays
- Mechanical racks and electrical integrated shelf and pallet assemblies
- In-house laser-marked wire harnesses
- Antenna doubler kits
- Design & application engineering services
- Instrument panels and integrated box assemblies
- Avionics installation modification and upgrade kits



EMTEQ cables

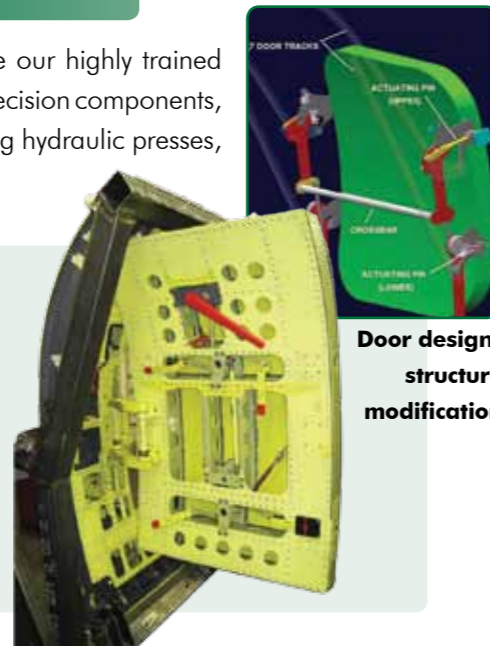


Tray/harness assembly

SPECIALTY STRUCTURES FABRICATION

Our Canadian facility houses state-of-the-art equipment where our highly trained machinists use CNC machining and turning centers to produce precision components, and skilled operators manufacture sheet-metal components using hydraulic presses, English wheels, power rollers and hydraulic press brakes.

- Custom manufacturing services
- Fabrication and assembly of machined parts/tooling
- Forming and assembly of sheet metal parts/assemblies
- Cargo restraint systems
- Improvement kits and replacement parts
- Structural repair, modification and overhaul
- Subcontract manufacturing to major airframes



Door design/structure modification

COCKPIT & INTERIOR LIGHTING

EMTEQ's interior cabin and cockpit capabilities feature both standard and customized products providing superior technology, safety, and reliability. Our LED lighting systems utilize surface mount and through-hole technology. Lightweight, yet rugged, our LED products are easy to install and maintain.

- Night Vision Imaging Sensor (NVIS) compatible lighting
 - MIL-L-85762, MIL-STD-3009, DO-275 compliant
 - Available in the following colors: NVIS Green A, NVIS Green B, NVIS Red, NVIS White
- Cabin accessories (call buttons/switches/outlets)
- Emergency lighting/exit signs
- Cockpit lighting and accessories
- Upwash/downwash lighting
- General area/ceiling lighting
- Reading and dome lighting



LED NVIS wash lighting



LED NVIS reading and dome lighting

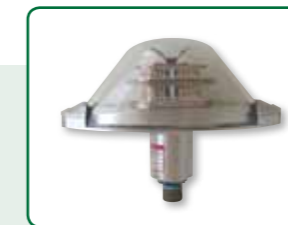


U.S. Air Force photo/Master Sgt. Lance Cheung

EXTERIOR LIGHTING

Serving both fixed- and rotary-wing models, we offer a complete line of exterior lighting products with a history of quality Swiss engineering. We utilize the latest in LED technology and integrated optics for lightweight, easily customized packaging and maximum electrical performance. These products offer the safety and reliability you require, meeting RTCA/DO-160 and MIL-STD-810 standards in accordance with FAA/EASA TSO certification and OEM specifications.

- LED navigation lights
- LED tail lights
- LED anti-collision lights
- LED landing, taxi and wing inspection lights
- LED NVIS/NVG-friendly capabilities
- Combination wingtip/winglet and custom application assemblies



400cd Anti-collision light



Product Development

EMTEQ continues a strong tradition of product development, design, testing and analytical services allowing us to offer customized products for specific programs through new designs or modifications to existing products.

Program Management and Engineering Support

From project conception through certification, EMTEQ ensures excellence in technology, service and program management for your engineering and installation needs.

- Complete program management
- Quality MIL standards for design and build
- Cirrus testing
- Engineering design data packages and installation instructions
- Avionics and cockpit reconfiguration engineering services
- CATIA valued-added 3D modeling and fabrication print development
- Technical and on-site support

