

STRUCTURAL SOLUTIONS

ACS-NAI, EMTEQ's Canadian facility, is a Transport Canada approved manufacturer, distributor & maintenance provider of aeronautical products (AMO 88-97) with state-of-the-art equipment which allows us to:

- Offer solution based custom product development
- Provide sub-contract manufacturing to aircraft OEMs, AMOs, Repair Stations and Completion Centers
- Provide aircraft modification and improvement kits for aircraft operators

Component modification and repair services are available for all ACS-NAI products and modification kits, including DHC-8 exhaust shrouds.



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 & 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

AIRCRAFT PROGRAM EXPERIENCE

Whether your aircraft is leased, wide or narrow body, or regional or air transport, EMTEQ is your turnkey system solutions provider. **Contact EMTEQ for a complete list of aircraft platform experience.**

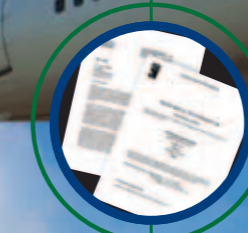
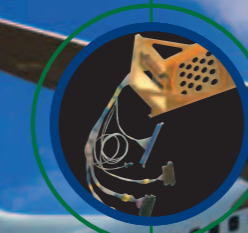
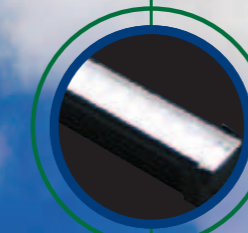
Serving the air transport, government systems, corporate, Head-of-State/VIP and helicopter markets, EMTEQ offers an extensive selection of high quality, innovative products and services including cabin comfort, interior and exterior lighting, and aircraft systems and integration.

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.**



Stepping Up to a Higher Plane

Custom installation engineering solutions that keep your fleet soaring.

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AIR TRANSPORT

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INTERIOR LIGHTING & CABIN SYSTEMS

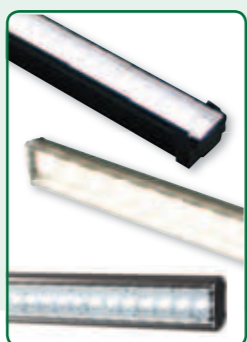
EMTEQ's superior air transport capabilities feature both standard and customized product technologies, providing you with the ultimate in time- and labor-saving cabin systems. Our complete line of highly reliable LED lighting provides optimal illumination, reduced maintenance and power consumption, and longer lasting product as compared to other aircraft lighting technologies.

- LED lighting products
 - Ceiling/sidewall wash lighting, including the QUASAR™ Mood Lighting System
 - Direct lighting, including reading, dome and marker lights
 - Accent lighting, including flexible and semi-flexible lighting
 - Emergency lighting
 - Exit lighting and signage
 - Map plate lights
 - Galley/lavatory lighting
- In-flight entertainment (IFE)
- Accessories (call buttons/switches/outlets)



Dome lights

QUASAR™ Mood Lighting System



LED wash lighting



Two & three position reading lights

AIRCRAFT SYSTEMS & INTEGRATION

EMTEQ is a leader in developing innovative avionic and integration systems from conception through installation and certification. As your turnkey solutions provider, we will meet your timetables with quick turnaround and delivery, always keeping in mind our main goal of creating a safer and more comfortable travel experience.

- ARINC 404/600 and non-standard racks and trays
- Instrument panels
- RF coax and assemblies
- Ethernet, databus and specialty cables
- Wire harnessing
- LRU sales
- Complete system installation kits
- Systems experience includes:
 - Navigation
 - Communication
 - Surveillance
 - Other systems—cockpit displays, weather radar, fuel tank wiring and more



ACARS kit



ARINC tray and wire harnessing assembly



SATCOM kit

DESIGN, CERTIFICATION & CONSULTING SERVICES

EMTEQ has built upon years of experience in the airline industry to become a leading provider of engineering services. We understand each customer's unique needs and concerns and will partner with you to provide design, development and engineering services that meet your needs and result in safe and successful aircraft engineering projects. Our experienced FAA DERs, DARs, DMIRs, mechanical and electrical engineers are ready to provide you with focused support, resources and services to meet your program or certification requirements.

EMTEQ holds 100+ FAA/EASA STCs and other locally approved certifications for SATCOM, ACARS, TAWS/EGPWS, ELT, IFE, TCAS/Mode-S, interior modifications and more. We will customize existing STC designs or develop comprehensive solutions in conjunction with, or as an FAA approved option to, Service Bulletins. Our Partnership for Safety Plan with the Atlanta ACO allows us to expedite certification projects through the FAA to ensure your airplane returns to revenue service as quickly as possible.

- STC and local authority certification coordination
- Installation kit and design
- Equipment sales and services
- Customized product development
- Livery engineering
- Electrical/mechanical and interior design (LOPA) engineering services
- Parts Manufacturing Approval (PMA)
- Service Bulletin/Airworthiness Directive guidance
- FAA Repair Station services

EXTERIOR LIGHTING

EMTEQ designs and manufactures FC Exterior Lighting products featuring state-of-the-art optics and chip-on-board LED technology. Our easy-to-install and fully customizable LED lighting offers increased reliability and longer life than incandescent or halogen products, resulting in time and labor savings for you.

EMTEQ's FC Exterior Lighting products meet RTCA/DO-160 and MIL-STD-810 standards in accordance with FAA TSO, EASA ETSO certifications and OEM specifications.

- LED navigation lights
- LED tail lights
- LED anti-collision lights
- LED combination wingtip/winglet and custom application assemblies
- LED landing, taxi, wing inspection and logo lights



Tail light

