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## **Bombardier Learjet Selects EMTEQ® for Interior & Exterior Lighting and Major Cabin Systems on the Learjet 85\* aircraft**

**New Berlin, WI, USA (October 2009)** – EMTEQ has been awarded a contract by Bombardier Learjet to design, develop and manufacture interior and exterior LED lighting packages among other cabin components for the new Learjet 85\* business jet. The Learjet 85\* aircraft will fly faster and farther than any Learjet\* aircraft ever built, while offering superior comfort and the largest Learjet\* aircraft cabin ever designed.

The lighting package that EMTEQ is providing for the Learjet 85\* business jet covers the aircraft from nose to tail and consists of Light Emitting Diode (LED) technology. EMTEQ's contributions to the Learjet 85\* aircraft interior are shown throughout by their commitment to the styling characteristics sought by the design team. Accent lighting in the dado panels and a distinctive lighted mirror that complements the lavatory are captured in the interior lighting package. Also included is individual table lighting for getting down to work, reading lighting for relaxing with a favorite book, aisle lighting and race track lighting in the passenger service unit.

The exterior lighting solutions are customized for the aircraft and consist of wing inspection lights, optional logo lights, navigation, anti-collision, emergency, service panel, landing and taxi lights. These new generation LED exterior lights capitalize on EMTEQ's expertise and offer products that demonstrate superior technology and adaptability.

Other interior product solutions include the cabin power system, utilizing outlets with small, but powerful individual inverters that increase reliability to the cabin power system and reduce weight for the aircraft as a whole. A new emergency lighting system also aids to enhance reliability and eliminates the need for large batteries.

EMTEQ will also be providing equipment to ensure seamless integration of the aircraft's electrical systems via the Electronic Junction Boxes (EJB). Utilizing new technology and customized for particular specifications for the Learjet 85\* aircraft program, this equipment will ensure that key electronic circuitry is centrally located and easily accessible. The EJBs provide functionality normally performed by cable harness splices, terminal blocks, relay boxes, configuration connectors, inline diodes, and inline resistors. With a simple change to the box, the aircraft wiring system options can be reconfigured and iterations can be developed.

This entire package allows EMTEQ to support Bombardier Learjet in the development of the Learjet 85\* aircraft and contributes to the interior and exterior design and engineering goals by aiding in the optimization of cabin productivity, aircraft reliability and comfort.

\*Either registered or unregistered trademarks of Bombardier Inc. or its subsidiaries

For more information visit [www.emteq.com](http://www.emteq.com), or contact Scott Sweet via email at [ssweet@emteq.com](mailto:ssweet@emteq.com) or by calling 1-262-679-6170.

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### **About EMTEQ and Its Partners**

Incorporated in 1996, EMTEQ is a comprehensive solution provider, specializing in avionics systems and integration, interior lighting and cabin comfort, and exterior lighting products for retrofit and forward fit applications in the military, corporate, HOS/VIP, helicopter and air transport markets. To complement this product offering is EMTEQ's unsurpassed design, certification and consulting services. From electrical and mechanical design to interior reconfigurations, FAA certification services, Transport Canada certification services, and technical support, EMTEQ delivers innovative products and responsive service on every program. Today, EMTEQ employs 400 people from a state-of-the-art, AS9100 and FAA PMA approved 57,000 sq. ft. facility in New Berlin, Wis., with worldwide offices and manufacturing facilities in Florida, Winnipeg, Canada, Taubaté, Brazil, and Bachenbülach, Switzerland. EMTEQ also holds a strategic partnership with Cable Technology in Great Falls, Montana. Learn more about EMTEQ and its partners at [www.emteq.com](http://www.emteq.com), [www.acs-nai.com](http://www.acs-nai.com), and [www.cteq.com](http://www.cteq.com).

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