



STOP IT!

Landing Systems Solutions



- **Brake Control Systems**
- **SmartStem® Wireless Tire Pressure Monitoring Systems**
- **Brake Temperature Monitoring Systems**
- **Position Indication & Control Systems**
- **Hydraulic Equipment**

Crane Aerospace & Electronics brings industry-leading electronic and hydraulic subsystems for landing gear together in solutions that add value and offer superior performance you can count on.

Take a look at the technology solutions described on the back of this flyer, then let us help you configure the ideal electronic and hydraulic subsystem solution for your complete landing gear system. Give us a call, email us or check out our website at www.craneae.com.

Count on the Crane Aerospace & Electronics team

Crane Aerospace & Electronics companies are known for their technical strength, proven product reliability, innovative solutions and overall value. Each company is ISO9001/AS9100 certified and committed to Operational Excellence and world-class processes. From application engineering, through design and manufacturing, Crane Aerospace & Electronics offers

a comprehensive approach to product specification, design certification and service. So, whether you're looking for a standard or custom-designed landing gear solution, Crane Aerospace & Electronics has the proven experience to deliver what you need.

You can also count on Crane Aerospace & Electronics for in-service support. The worldwide extensive product support program is backed by a high caliber staff accustomed to the needs of the airline industry.

It's all part of the added value you can expect when you bring together an experienced team.



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Product Lines

Brake Control Systems: Crane's Hydro-Aire brand custom-engineered brake control systems are the industry standard for reliability and performance. Solutions are available from basic antiskid systems to fully automatic integrated brake control systems that include torque limiting capabilities, tire pressure indication, brake temperature monitoring, and autobrakes. These systems are available with hydraulic input or brake-by-wire for individual wheel to multiple wheel operations. System architectures include Federated and Integrated and are compatible with electric or hydraulic brakes.

Hydraulic Equipment: Crane's complete line of hydraulic control valves, hand pumps, servo controls, integrated packages and reservoir/accumulators are known throughout the industry for reliable performance.

Position Indication & Control Systems: Crane's ELDEC brand is the industry leader in providing reliable systems to sense and control the movement of vital aircraft systems like landing gear. Over 5,000 systems are in use today, including on all Airbus and Boeing aircraft, as well as on virtually all Bombardier, Embraer and other regional aircraft programs. Crane systems are used to monitor aircraft weight-on-wheels as well as the position of the gear and associated components, including locking mechanisms and gear doors. This position status information can be used for indication on cockpit displays as well as for control of landing gear extension and retraction, including gear door sequencing. In addition, this information can be sent to aircraft central maintenance systems.

Proximity Sensors & Switches: For applications that don't require customization, you can choose from a comprehensive line of time-tested, off-the-shelf proximity sensors and switches.

Tire Pressure Monitoring Systems: Crane tire pressure monitoring systems feature SmartStem® Wireless Tire Pressure Sensors which are used in conjunction with special axle-mounted equipment to communicate tire pressure and temperature directly to the cockpit. Available either fully integrated within the brake control system or as stand-alone equipment, Crane tire pressure monitoring systems are the high reliability standard.

Brake Temperature Monitoring Systems: Crane provides brake temperature monitoring systems which are either fully integrated within the brake control system, or available as stand alone equipment.



Crane Aerospace & Electronics www.craneae.com

ELDEC • Hydro-Aire • Interpoint • Lear Romec • Merrimac • P.L. Porter • Signal Technology

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