

**FOR IMMEDIATE RELEASE**

## **Ridgetop Group Granted License to NAVAIR's System for Isolating Faults Between Electrical Equipment**

**TUCSON, Ariz.— September 30, 2013**

Ridgetop Group Inc. today announced that it has been granted a 10-year license from the U.S. Naval Air Systems Command (NAVAIR) to develop, manufacture, and market NAVAIR's System for Isolating Faults Between Electrical Equipment. This system isolates troublesome faults occurring between electrical/electronic equipment modules, such as in aircraft avionics clusters. Although NAVAIR invented and patented the technology, NAVAIR is not equipped to manufacture products or to bring the invention to market. The NAVAIR license will enable Ridgetop to incorporate the technology into a commercially available product, and will extend Ridgetop's portfolio of advanced diagnostic and prognostic tools.

NAVAIR initially built and verified the functionality for F-18 fighter jets. By transitioning the completed design to Ridgetop Group, the product can be made available for use in Navy aircraft, as well as Air Force and Army assets. In addition, the technology is suitable for commercial airline maintenance, repair, and overhaul (MRO) depots. The product will be used both domestically and internationally.

This system can be used to monitor communication lines such as ARINC 429 to detect problems in signaling between interconnected line-replaceable units (LRUs). The product provides fault detection to reduce a high No Fault Found (NFF) rate. NFFs occur when a fault has been detected, but cannot be duplicated on the bench after the module is removed for service. The test configuration has the ability to vary rise and fall times of pulses, and to inject controlled amounts of noise to examine the resulting effects. These factors help quickly pinpoint which module is degraded.

According to Doug Goodman, Ridgetop's CEO, "NAVAIR's technology has been proven to meet the demanding needs of the military aircraft market. We intend to build from that foundation to meet the needs of both military and commercial aviation MRO support applications. The cost savings resulting from the application of this technology are significant, so we will be incorporating the system into commercially available products. More details will follow in the next several months."

### **About Ridgetop Group**

Based in Tucson, Arizona, Ridgetop Group is a world leader in providing advanced diagnostic and prognostic products and solutions for critical applications. Ridgetop employs an AS9100C- and ISO9001:2008-certified Quality Management System to ensure that its products meet demanding performance attributes when purchased by customers. Founded in 2000, Ridgetop has built an impressive list of aerospace, automotive, and medical systems customers in North America, Europe, and Asia. For more information, please visit our website at [www.RidgetopGroup.com](http://www.RidgetopGroup.com).