



Universal Synaptics
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NEWS RELEASE

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**Star Aviation Completes Intermittent Fault Detection™ (IFD™) Interface
Test Adapter (ITA) Certification Program**

Roy, Utah. April 3, 2020 — Universal Synaptics announced today that Star Aviation Inc., located in Goshen, Kentucky, has completed the Intermittent Fault Detection (IFD) Interface Test Adapter (ITA) Manufacturing Certification Program and has been designated as a certified IFD ITA design and manufacturing facility. Star Aviation manufacturing processes and IFD test procedures ensure that interface adapters manufactured by Star Aviation are intermittent fault free.

Star Aviation owns and operates a 5,120-test point Intermittent Fault Detection & Isolation System (IFDIS), the largest IFDIS in the commercial sector, and two portable Intermittent Fault Detectors (IFDs). Universal Synaptics and Star Aviation have collaborated on numerous military and commercial aircraft projects over the last decade. Star Aviation's completion of the certification program strengthens the business relationship between the two organizations. Star Aviation also manufactures IFD patch cables which have been utilized to demonstrate the IFD capability with existing conventional test equipment interface test adapters on the V-22 Osprey, F/A-18 Hornet and Super Hornet, A-10 Warthog, UH-60 Blackhawk, and AH-64 Apache.

Greig Dean, Vice President of Star Aviation stated, "Star Aviation is proud to be selected as the first certified ITA manufacturing facility by Universal Synaptics. The importance of a quality ITA build cannot be overstated for the successful outcome of an intermittence diagnostic test. A reliable ITA is critical to a reliable test outcome. We look forward to continuing to work closely with the Universal Synaptics team to mainstream this unique and valuable technology within the Military and Commercial Aerospace industries. Star Aviation is also the singular solution for intermittent fault diagnostics and repair for the commercial market."

"We have been aligned with Greig and his exceptional team of professionals at Star Aviation for a decade. They work shoulder to shoulder with us in the quest to remediate intermittent / No Fault Found (NFF)." said Ken Anderson, President & CEO, Universal Synaptics. "This is another step forward together in our shared commitment to improve readiness, reduce troubleshooting time, and provide the maintenance and sustainment community with real solutions."

For program information and certification requirements please contact Jon Lee, Chief Operating Officer, Universal Synaptics via phone or email:

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About Universal Synaptics

Universal Synaptics Corporation is the global leader in detecting and isolating elusive intermittent faults. For more than 25 years the privately-owned company has focused on solving complex diagnostic and testing problems. The company's research into the primary root causes of intermittent / No Fault Found (NFF) problems and the massive digital testing void that exists today with conventional test equipment, led to the development of the patented Intermittent Fault Detector™ (IFD™), hardware neural network and all-lines-all-the-time wiring / circuit analyzer test solutions.

Universal Synaptics was voted the Department of Defense Maintenance Symposium "Great Ideas" Competition Winner in 2010 and 2012. Recognized as the Mountain West Capital Network Utah 100 list of fastest growing companies in Utah five times, and a "Fast 50" growing company by Utah Business Magazine, Universal Synaptics also secured a spot on the Inc 5000 list of "Fastest Growing Private Companies in the United States" ranking 218 out of 5000 companies.

About Star Aviation

Star Aviation, Inc. has been in operation for 25 years dedicating all its resources to excellence in Electronic Wire Interconnect Systems (EWIS). The company provides high quality wire harness and ITA design, manufacturing, and repair services to the Military and Commercial Aerospace industries, with the goal of increasing operational reliability and safety. Star Aviation is approved by the Federal Aviation Administration (FAA) and the European Aviation Safety Administration (EASA), and certified to ISO 9001-2015, AS9100, and AS9110.

Star Aviation's 5120 Channel IFDIS provides unmatched capability to detect, isolate, and repair intermittent faults in wire harnesses, avionics racks, and avionics backplanes that degrade the reliable function of electronic equipment in operation.

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