From: Jody Bryson <cfelkel@therapindex.ccsend.com>
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Subject: SC Technology & Aviation Center: August 2013 Newsletter

August 2013

Wireless Vehicle Charging to be conducted at SCTAC's new Test Track

SCTAC has partnered with the Clemson University International Center for Automotive Research (CU-ICAR) to develop a program to test wireless charging systems in electric vehicles. SCTAC and CU-ICAR have contracted with Oak Ridge National Laboratory to support this three year program, and the research is funded by the U.S. Department of Energy.

The research will take place at SCTAC's new test track, a 300-acre testbed facility featuring over two miles of track and a multi-purpose facility complete with offices, conference rooms, garage and vehicle storage and fueling stations. Jody Bryson, SCTAC President and CEO, states, "This joint initiative marks the next step in the progression of our strategic partnership with CU-ICAR and multiple private stakeholders in the development of a world-class test track infrastructure to support the rapidly emerging clean transportation ecosystem."

Wireless Power Transfer Charging (WPTC) is the technology that will be tested through this program. This

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Greenville Tech Offering New Avionics Program

The Greenville Tech Aircraft Training School at SCTAC is now offering an avionics program in addition to their existing FAA part 147 training program. Day classes will begin on August 19th. The classes will be held Monday through Thursday weekly. This program will result in a 1 year certificate in avionics for its students. For more information on this class, contact the instructor,

technology allows an electric vehicle to charge without the use of cables or plugs. WPTC is also expected to provide extended range and downsized batteries for electric vehicles.

Walt Carter, at walton.carter@gvltec.edu

Lockheed Martin Excels in Timely Delivery of Orion

In just 10 months, Lockheed Martin performed Mid-Life Upgrade (MLU) modifications and phased depot maintenance on a U.S. Customs and Border Protection (CBP) P-3 Orion airplane. They were able to deliver the plane 78 days ahead of schedule.

Ray Burick, vice president of Modification, Maintenance, Repair and Overhaul, and Greenville Site and Field Team Operations for Lockheed Martin, said, "Our Greenville team continues to demonstrate a high level of excellence in the complex work associated with maintenance, repair, and overhaul. This is the seventh CBP P-3 the Lockheed Martin team has delivered ahead of or on schedule from its facility in Greenville, S.C., since July 2010-a truly remarkable accomplishment for this team and our CBP customer."

The MLU modifications that are performed so efficiently on the CBP P-3 planes can add more than 20 years of operational use to these airplanes. The modifications can even reduce the cost of ownership for the P-3 planes, which have many uses including homeland security, anti-piracy operations, search and rescue, and more.

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