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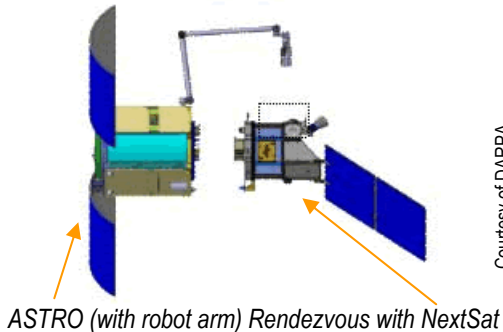
YARDNEY AEROSPACE BATTERIES IN UNPRECEDENTED TRIFECTA

Selected to Power Launcher Rocket & Two Satellites in Complex Robotic Satellite Servicing Mission

Pawcatuck, CT – March 9, 2007 – Three major elements of an ambitious space mission launched on the night of March 8th were built with advanced aerospace batteries from Yardney Technical Products, based in Pawcatuck, Connecticut. Two earth-orbiting satellites are powered by Yardney batteries, as was the launch rocket.

The mission, called Space Test Program 1 (STP-1), launched from Cape Canaveral. The nighttime launch sent several satellites into orbit, central among them being the Orbital Express demonstration system, which is designed to test robotic refueling and re-configuration of satellites in space. These capabilities would enable upgrading satellite systems and extending their operational lives for a fraction of the cost of replacing them. Satellites would not have to be replaced just because they ran out of fuel or certain parts wore out. Such operations also would not require the costs and risks associated with sending astronauts into space every time. The idea is to establish standard satellite servicing interfaces for mechanical and electrical subsystems to permit widespread use of these robotic servicing techniques.

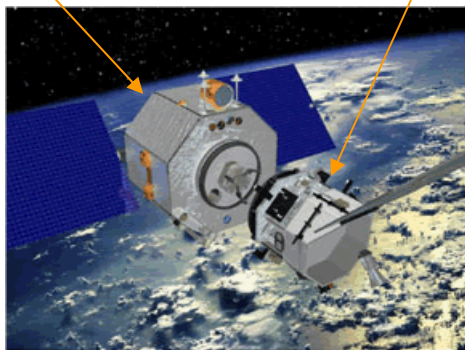
Orbital Express will test a prototype servicing satellite, called the Autonomous Space Transfer and Robotic Orbiter (ASTRO) and a prototype of the kind of satellite that could be supported in this way, called the Next Generation Satellite and Commodities Spacecraft (NextSat/CSC). Orbital Express is a U.S. Defense Advanced Research Projects Agency (DARPA) program and Boeing is the prime integrator for this demonstration. A United Launch Alliance (ULA) Atlas V rocket launcher propelled both satellites into orbit.



Courtesy of DARPA



United Launch Alliance



Courtesy of DARPA

For each of these three major systems, Yardney was chosen as the battery supplier. The ASTRO servicing satellite, built by Boeing, is powered by two Yardney Lithion Model L1147 Aerospace Batteries, state-of-the-art Lithium-ion units. Ball Aerospace & Technologies Corp., provider of the NextSat, also chose Yardney, using a Model 9522 Lithion battery.

The Atlas V rocket booster uses three models of batteries from Yardney's Silvercel line of Silver-Zinc technology batteries, with multiple units of each type.

Two batteries are for main booster power, another four are for the Flight Termination System, and six more batteries supply power to fire various ordnance functions, such as stage separation.



Lithion Model 9522 NextSat Battery

Courtesy of Yardney Technical Products, Inc.



Lithion Model L1147 ASTRO Batteries

Courtesy of Yardney Technical Products, Inc.

During the multi-month long mission, the ASTRO satellite will demonstrate the capability to service the NextSat satellite. A key aspect of this servicing will be the transfer of an Orbital Replacement Unit (ORU) containing another Lithion NextSat battery, also provided by Yardney.

On this single launch, therefore, Yardney was called upon to power three vehicles, with five battery models, and sixteen individual batteries. “Being selected to provide the batteries for so many critical elements of this important and complex mission is really special,” said Vince Yevoli, President of Yardney. “Our Lithion product line has four Lithium-ion batteries powering these two satellites and the ORU, as well as twelve Silver-Zinc batteries from our Silvercel product line on the rocket launcher. We are proud that so many major aerospace systems companies came to the same conclusion when they needed reliable high-performance batteries – they all called Yardney.”



Yardney Silvercel Batteries for Atlas V Rocket Launcher

Yardney Technical Products, Inc.

Lithion and Silvercel are product lines of Yardney Technical Products, Inc., a veteran-owned small business battery manufacturer located in Pawcatuck, CT. Yardney is a technology-driven company that focuses on advanced battery technologies for research and product development in high performance applications. Yardney provides highly reliable, compact, and powerful electrical power sources for mobile platforms. These systems have proven successful on mini subs, aircraft, satellites, and on Mars (where a rover mission originally planned for just three months has continued to operate for over three years). The company has distinguished itself since 1944 in the design, development, and manufacture of advanced battery technologies for Aerospace, the Department of Defense, and industrial/commercial applications. For example, Yardney recently delivered the largest Lithium-ion battery ever made, a 1.2 Mega-Watt-hour system,

which provides all power for the US Navy's Special Forces ASDS mini-sub. In addition to the Lithion product line of Lithium-ion batteries, and Silvercel Silver-Zinc batteries, current Yardney specialty battery technologies also include metal-air and Silver Chloride chemistries. For more information, go to www.yardney.com or www.lithion.com.

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