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News Release

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VPT Receives NASA Award To Develop Space Power Systems

Power Systems are Targeted for Use in Multiple NASA Programs

February 13, 2006, Blacksburg, VA - VPT Inc., the innovative leader in providing power conversion products for military, avionics, space and other high reliability markets, recently received a research and development award from the National Aeronautics and Space Administration (NASA) to develop DC-DC power systems for use in multiple future space vehicles and systems.

Under the terms of the contract award, VPT will design and build prototype power systems for multiple NASA power system applications. Each system will be created using a modular – and therefore cost-efficient -- component approach with VPT DC-DC power converters and EMI filters serving as the base for the system. All resulting power systems will meet stringent NASA requirements for design, parts selection, element evaluation, screening, radiation hardness, and qualification.

According to Dr. Glenn Skutt, VPT's Vice President of Technology, "This contract will continue the technology leadership of VPT in providing power conversion solutions which are consistent with NASA's expressed needs for future missions. Power solutions developed under this contract will exploit innovative technological opportunities, resulting in the ability of NASA to implement flexible, affordable system-wide power solutions that promote reliability, adaptability, and scalability."

Targeted NASA uses for the new power systems from VPT include:

1. NASA-JSC Space Station applications include power converters for the IBM A31 Notebook Computer PC used by astronauts
2. NASA-GSFC power system for the James Web Space Telescope (JWST)
3. NASA-GRC power system for the CEV and lunar orbiter
4. NASA-JPL applications include a space-borne GPS receiver for attitude and orbit determination.

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Potential non-NASA applications include many commercial satellite systems and the power system for the GPS III satellite system.

A Continuing Focus on Space

The new contract represents an extension of VPT's long history in creating power solutions for space use. VPT already builds standard hybrid power converters and EMI filters for space use in its MIL-PRF-38534 Class K facility. Inherent radiation tolerance, resistance to shock and vibration, and other standard features ensure VPT products can be used as the building blocks to create critical reliability power systems for long-term use in space. Many of VPT's power products for space are available off-the-shelf.

Some of the recent space programs that are powered by VPT include the Lockheed Martin GPSIIR-14 satellite, NASA's MESSENGER Mercury Exploration spacecraft, and BEIJINGSAT, which will provide enhanced meteorological monitoring in support of the 2008 Olympic Games.

VPT expects engineering units developed under this contract award to be available to prime contractors in approximately six months, with full scale production units available by the end of 2006.

About VPT

VPT, Inc. leads the industry in providing innovative DC-DC converters, EMI filters, and custom engineering services for avionics, military, and space applications. Working in partnership with Delta Electronics, the world's largest commercial power supply manufacturer, VPT delivers its patented power solutions in a fast timeframe, with the highest certified quality, at a comfortable cost. Every day, organizations like NASA, Lockheed Martin, Boeing, Raytheon, the United States Air Force, and many more depend on quality solutions from VPT to power critical systems. Whether on the ground, in the air, or beyond, VPT provides the power driving critical missions today.

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