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US Air Force using Behlman power supplies for Munitions Reprogramming

Eliminates having to share aircrafts' Ground Power Units (GPUs).

Hauppauge, New York, November 14, 2011-- Behlman Electronics Inc., known for its leadership in providing power products for military applications, has found the answer to a vexing problem sometimes experienced by US Air Force personnel when they must reprogram munitions in the field.

To repurpose and optimize munitions for upcoming missions, airmen use advanced electronic systems that must be powered by 115/200 VAC, 400 Hz aircraft power. Such munitions reprogramming can be delayed when the available Ground Power Unit (GPU) generators are connected to aircraft, making them unavailable for munitions reprogramming.

Behlman FC5003 Frequency Converters solve the problem.

After learning of the problem, Behlman consulted with both the USAF and a leading manufacturer of munitions reprogramming instruments. As a result, Behlman was able to modify its (Commercial Off The Shelf) Frequency Converter to meet the needs of this specialized program. The FC5003 can be powered by virtually any local power source and produce the 400 Hz aircraft power required, including an increase of power from a prior USAF standard of 1500 VA to higher power of 5000 VA.

Based on a standard highly-efficient and rugged Behlman design that has been proven in many military and industrial applications, the FC5003 COTS Frequency Converter was manufactured for the Air Force at a fraction of what all-new engineering would have cost.

Ron Storm, Behlman's Vice President of Marketing and Sales, said, *"That we see more and more military and industrial programs benefiting from the cost-savings provided by Behlman COTS products, is a testimony to the quality of our engineering teams. Right off the shelf, our COTS power products meet so many MIL-STD specifications that modifications for even the most critical applications are often quick and economical. We are very pleased to be supporting important US Air Force missions with our FC5003 power source."*

About the Behlman FC5003 Frequency Converter

FC5003 is a ruggedly built, COTS frequency converter designed to convert 120/208 VAC, 3-phase, 60 Hz, ground power to 115/200 VAC, 3-phase, 400 Hz, fail-safe aircraft power. Its fail-safe 400 Hz output results from a crystal-controlled oscillator that remains constant ± 0.5 Hz.

Input is via a pre-wired, 6-foot line cord with an NEMA L21-30P plug. Output is via an NEMA FSL4FR compliant receptacle for easy connection to munitions reprogramming instruments.

This compact power unit is only 6U (10.5") high and fits in a standard 19 inch rack.

Behlman FC5003 Frequency Converters are available on GSA Advantage. Price depends on quantity and delivery is typically 60 Days ARO. Contact Behlman at 631 435-0410 for a free consultation.

More detailed specifications for the Behlman FC5003 COTS Frequency Converter are available at <http://www.behlman.com/modifiedstd.htm#ground>

About Behlman

Behlman Electronics Inc., (www.behlman.com), a subsidiary of Orbit International Corp., manufactures and sells high quality standard, modified standard, custom and COTS power solutions, including AC power supplies, frequency converters, inverters, DC-DC, AC-DC, DC-AC, and uninterruptible power supplies.

Orbit International Corp., (www.orbitintl.com), based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications. Other subsidiaries include Orbit Instrument, Tulip Development Laboratory and Integrated Combat Systems.

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CAPTION:

The Behlman Model FC5000 COTS Frequency Converter meets the needs of the US Air Force, for powering their munitions reprogramming equipment without having to share Ground Power Unit (GPU) generators that are connected to aircraft.