

FOR IMMEDIATE RELEASE

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Behlman's BL3X100 Frequency Convertors chosen to provide power for U.S. Army CH-47 Chinook Helicopter mission support.

Included in Avionics Bench Power Supply system to test and program avionics.

Hauppauge, New York, September 30, 2013 — Behlman Electronics Inc., known for its leadership in providing power products for military and high-end industrial applications, announced that its modified COTS (Commercial Off The Shelf) BL3X100 Avionics Bench Power Supply (ABPS) is being integrated into ruggedized portable test systems supplied to the U.S. Army. These will facilitate updating mission-critical software and firmware for CH-47 Chinook Helicopters, by enabling the powering-up of aircraft avionics without using the aircraft's on-board power.

The Behlman BL3X100 ABPS provides 115/200 VAC, 3-phase, isolated and floating, at 400 Hz, plus 28 VDC power. It delivers a clean sine wave output with excellent line and load regulation, high efficiency and low harmonic distortion. Behlman's unique protection circuitry provides over-temperature and short-circuits protection, along with voltage fold-back during overloads to ensure that the system's power output provides undistorted waveforms essential for avionics performance. These features, combined with its small size and quiet operation, make the Behlman BL3X100 ideal for avionics testing.

Behlman President, Ron Storm, said, *"Our customer started by evaluating the Behlman COTS BL3X350 for their Chinook Helicopter application. When it was discovered that they needed less power and a smaller chassis, plus additional features, we were proud to be able to quickly modify the standard unit and deliver the modified COTS Behlman BL3X100, which gave them everything they needed, in a shorter time than they expected."*

MORE

The Behlman BL3X100 is one of over fifty different Behlman COTS and modified COTS frequency convertors designed to provide ground and mobile power for a wide range of military applications. Other Behlman Frequency Convertors are available with single- or three-phase power, fixed or variable voltage, and frequencies from 1000 VA to 120,000 VA. Each of these COTS power systems can be modified to meet the precise requirements of virtually any military or industrial system, without the need for expensive custom design and engineering.

Behlman Electronics Inc. is a subsidiary of Orbit International Corp., and part of the Orbit Power Group. Behlman 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, uninterruptible power supplies, and VME/VPX power supplies.

Orbit International Corp., based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications. The Orbit Electronics Group includes Tulip Design Laboratory, Orbit Instrument, and Integrated Combat Systems.

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Avionics on U.S Army aircraft similar to this Chinook helicopter, will be powered by a Behlman BL3X100 Avionics Bench Power Supply, as part of a system that enables ground crews to update mission-critical software and firmware without using the aircraft's on-board power.