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Behlman designs new AFC-7003 Converter to meet the accelerated testing and certification program of major aircraft manufacturer.

Builds upon the success of Behlman AFC-7000-1 and -2 single phase converters.

Hauppauge, New York, October 17, 2011— Behlman Electronics Inc., long a leading provider of standard, modified standard, COTS and custom power supplies for the aircraft industry, was called upon to help a major aircraft manufacturer accomplish accelerated testing of new aircraft to reduce the years needed to meet certification requirements.

The new power supply, Behlman AFC-7003, draws upon the high performance proven in their AFC-7000-1 and AFC-7000-2 models used aboard military and commercial aircraft to convert three-phase 350-800 Hz power to single-phase 115 or 230 VAC at 50, 60 or 400 Hz. Unique about the Behlman model AFC-7003 is its ability to convert the varying frequency aircraft AC power to clean, regulated, 3-phase, 115/200 VAC at 50, 60, or 400 Hz. Rugged construction, compact 6U high, 19-inch rack mount chassis (with slide-mounting option), quiet operation and high efficiency make this an ideal unit for converting variable aircraft power to ground power or regulated aircraft power.

Ron Storm, Behlman's Vice President of Sales and Marketing, said he was not surprised to learn that Behlman was invited to participate in such an important aircraft program. *"Behlman AFC power supplies have lived up to our promise that they would withstand the rigors of mission-critical life on board aircraft, while providing clean, regulated AC power and reliable frequency conversion. Our newest member of the AFC-7000 family does all of that, and more."*

AFC-7003 features a microprocessor controller with vacuum fluorescent display, unique overload protection that folds back voltage to maintain output current without waveform distortion, and RS-232 remote control plus 28 VDC control of output on/off. Short circuit and thermal overload protection are standard. Detailed specifications can be seen at <http://www.behlman.com/modifiedstd.htm#airborne>.

Behlman Electronics Inc., a subsidiary of Orbit International Corp., manufactures and sells highly reliable power solutions, including AC power supplies, frequency converters, inverters, DC-DC, AC-DC, DC-AC, and uninterruptible power supplies. Behlman's COTS division consults, at no charge, with government contractors as well as with industrial and commercial organizations worldwide.

MORE

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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The new Behlman AFC-7003, AC Power Source/Frequency Converter is helping a major aircraft manufacturer accomplish accelerated testing of new aircraft to reduce the years needed to meet certification requirements. Converts varying frequency aircraft AC power to clean, regulated, 3-phase, 115/200 VAC at 50, 60, or 400 Hz.