

with audio jack and the other two stand-alone power ports. Both of the USB chargers are Dzus-rail mounted, as are many other products in the company's line.

For more information, visit [jupiter-avionics.com](http://jupiter-avionics.com).

### Kuerzi Avionics

In business since 1978, Switzerland-based Kuerzi Avionics conducts engineering on all aircraft types, including hardware and software (DO-178) development, laboratory and flight testing, and in-house component production. The company is an EASA-approved design, production and maintenance organization recognized by various aviation authorities worldwide.

In addition to all that, Kuerzi Avionics specializes in design, production, installation, maintenance, repair and certification of all types of avionics and electrical systems on rotor- and fixed-wing aircraft of any size. Robert Zehnder, managing the company's customer service and business development, introduced Kuerzi's latest multi-mission systems.

According to Zehnder, advantages of its multi-mission system for rotor- and fixed-wing aircraft include custom-designed systems according to operator needs. The Kuerzi MMS features a control and communication system implementing an intelligent bus-based human-machine interface, which the company said results in quick data access for information exchange between the aircraft and ground stations,



Kuerzi Avionics' powerful AC-DC converter with three-phase, 115-volt input and variable frequency, with an output of 28 volts and 1,000 watts

bridging the gap between hardware, software and a successful mission.

Another new product from Kuerzi is a 1,000-watt AC-DC converter, with an all-solid-state control system and featuring variable frequencies. The company also offers a line of electrical components performing functions supporting the MMS, including AC and DC power distribution outlets, dimmable LED lighting and lighting controllers, and oxygen system configuration and monitoring. Wireless communication to a remote diagnostic and support system is another feature of the MMS, along with Bluetooth connectivity aboard the aircraft.

And for installers, Kuerzi has another new product, its liquid isolator. The quick-drying liquid functions as heat-shrink tubing for oddly shaped or over-size electrical connections.

For more information, visit [kuerzi.com](http://kuerzi.com).

### L-3 Aviation Products

L-3 Aviation Products manufactures a diverse line of voice and data recorders, collision avoidance systems, navigation products, display systems and processors. The company also offers aftermarket services, including MRO and integrated performance-based logistics for military and commercial systems. Kim Stephenson, L-3's group manager for aftermarket products, briefed attendees on the company's latest products.

The company announced software updates to its one-box ADS-B Out solution, the Lynx NGT-9000 touchscreen transponder that also displays ADS-B In's traffic and weather data. Stephenson told attendees L-3 received FAA TSO authorization to add Class B embedded terrain awareness warning system capabilities and ADS-B traffic advisory system aural alerting options. The eTAWS option adds an additional



screen displaying surrounding terrain.

The Lynx ATAS option announces range, bearing and relative altitude of intruder aircraft through the cockpit audio system. This feature helps pilots visually acquire an approaching aircraft by allowing a heads-up approach to identifying traffic threats.

Another new development from L-3 is TSO approval, plus an FAA STC/AML, for its ESI-500 standby flight instrument system. The ESI-500, designed for Class I, II and III Part 23 airplanes and Part 27 helicopters, is a 3-inch device incorporating synthetic vision, obstacles, terrain alerting and navigation on a high-resolution, 24-bit color display. Flight information presented includes altitude, attitude, airspeed, aircraft track, vertical speed, airspeed awareness cues and slip/skid information. An internal lithium-ion battery supplies

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