Press Release
FOR IMMEDIATE RELEASE

Vertical Power Licenses Patented HID Pulsing Algorithm From XeVision.

Albuquerque, NM — February 22, 2010 — Vertical Power, manufacturer of electronic circuit breakers for experimental aircraft, announces it has licensed XeVision's patented HID light warm-up and pulsing technology. This technology, comprised of algorithms developed by XeVision specifically for HID lights, has been incorporated into the pulsing, or wig-wag, feature of Vertical Power products.

XeVision's patent, issued November 10, 2009, covers a specific warm-up period and flashing rate that optimizes the longevity of HID lights for aircraft.

Vertical Power products replace 80-year-old thermal breaker technology with modern solid-state Electronic Circuit Breakers (ECBs) to simplify wiring, reduce pilot workload, and provide advanced electrical system capabilities. ECBs can detect short circuits, over-current conditions, and open-circuit faults. ECBs are intelligent, configurable, and offer capabilities not otherwise available with old-style breakers. For example, ECBs can detect a burned out landing light or display the current draw for each individual electrical device on the aircraft.

XeVision's pulsing technology has been implemented in software in the Vertical Power systems, allowing pulsing, or wig-wag of HID lights without adding additional modules, complexity, or weight to perform this function. Further, the Vertical Power VP-200 system automatically pulses the lights when the aircraft is above a specified speed, and keeps the lights steady when the aircraft is below a specified speed. This feature was implemented in version 20 software, released recently.

Further, the warranty on XeVision HID products remains in effect when the lights are used with Vertical Power systems.

The terms of the licensing arrangement and the pulsing algorithm itself are confidential.

"This is the best and only way to pulse HID landing lights," said Marc Ausman, President of Vertical Power Inc. "XeVision's patented technology allows us to add more unique features to our product line ."

"The HID pulsing algorithm we've developed and patented provides optimal visibility and longevity of HID ballasts and bulbs," said Dan Blumel, President of XeVision, Inc. "After much R& D regarding pulsing (wig wag) of HID systems, an optimal algorithm has been established and a US patent has been obtained. Our XePulse II capabilities have been integrated under a license agreement into the Vertical Power product line."

About Vertical Power

Vertical power is in the business of designing and producing Electronic Circuit Breakers for experimental and light sport aircraft. The company is applying advanced solid-state electronics to reduce wiring complexity, simplify wiring installation, reduce pilot workload, and enhance a pilot's ability to respond to in-flight emergencies.

Vertical Power is the first company to develop Electronic Circuit Breakers for the non-certified aircraft market. The company is based in Albuquerque, NM and sells its products directly to customers and through select dealers. Vertical Power was founded in June 2006. Eight patents have been filed covering Vertical Power products.

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