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## NEWS RELEASE

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### **“Push Our Buttons” at AEA Booth 227**

*Aerospace Optics Inc. to Showcase Innovative LED Switch in Palm Springs*

**Fort Worth, April 5, 2002** – Aerospace Optics Inc. will let engineers, designers, pilots and others put the new VIVISUN® LED lighted pushbutton switch to the test at their booth (227) at the 45th annual Aircraft Electronics Association Convention and Trade Show, April 25-27 in Palm Springs.

Company representatives will be on hand to demonstrate the improved sunlight readability, ease of installation, and maintenance free performance that makes the VIVISUN LED the perfect direct replacement for existing incandescent bulb switches.

The VIVISUN LED lighted pushbutton switch features solid state circuitry and innovative electronics that have been developed to solve reliability, sunlight readability, power consumption and other concerns that have existed with previous generations of LED switches.

The switch offers voltage-controlled dimming without pulse width modulation, operates off of existing cockpit power sources, and is available in a number of standard artwork packages for immediate availability.

“Pilots appreciate the maintenance-free aspect of the VIVISUN LED, which, unlike incandescent bulbs, rarely burn out and remain cool to the touch when illuminated,” says Craig Morgan, National Sales Manager.

The VIVISUN LED switches are designed to operate in environments ranging from -40° C to +71° C. They are designed to handle on/off cycling and vibrations typical of high performance aircraft. The VIVISUN LED is also drip-proof, watertight and splash proof, Morgan adds.

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The VIVISUN LED is available in ten sunlight readable colors. All are dead faced in direct sunlight when not energized, and fully sunlight readable when illuminated. The switches meet MIL-PRF-22885F for sunlight readability and environmental requirements. They also meet the JSSG-2010-5 guidelines and MIL-L-85762A requirements for NVIS compatibility.

The VIVISUN LED meets the RTCA/DO-160D electrical and electromagnetic environmental requirements. It requires lower levels of power for illumination than competitive switches, typically consuming less than half the power of a typical 2.69 watt incandescent switch or indicator. The switch is designed to remain cooler to the touch than traditional lighted pushbutton switches, with a face cap temperature of 48° C in normal operating conditions.

Don Guthrie, Executive Vice President of Aerospace Optics, is the technical innovator behind the VIVISUN LED switch. "This product answers the problems we've been hearing from the marketplace concerning the reliability and maintenance costs for incandescent switches. Our LED switch answers all the technical issues and allows for easy installation without requiring costly engineering changes," Guthrie says.

Aerospace Optics, Inc. is an ISO 9001 Registered company headquartered in Fort Worth, Texas that designs and manufactures pushbutton switches, indicators and annunciators used in the aerospace, avionics and marine industries. For more information, call 888-VIVISUN, or visit [www.vivisun.com](http://www.vivisun.com).

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**Note to Editors:** Meet Don Guthrie of Aerospace Optics at the AEA Convention and Trade Show. Mr. Guthrie has more than 30 years of experience designing innovative avionics components. He will be available in Palm Springs on Thursday, April 25 to meet with editors or reporters. To schedule time with Mr. Guthrie, please contact Connie Holubar, Burk Advertising & Marketing, 214 953-0494, ext. 7, prior to the convention, or contact Craig Morgan in Palm Springs at 817 896-1890.