



AeroVironment Awarded Patents for Architectural Wind(R) Building-Integrated Energy Generation System

MONROVIA, Calif.--(BUSINESS WIRE)--April 4, 2008--AeroVironment, Inc. (AV) (NASDAQ: AVAV), a leader in unmanned aircraft systems and efficient electric energy systems, has been awarded three utility patents and six design patents by the United States Patent and Trademark Office (USPTO) along with 12 European design patents relating to new approaches to renewable energy generation on buildings. The USPTO awarded the patents relating to the incorporation of AV's Architectural Wind® system on rooftops.

The utility patents address a method for identifying the specific area over the edge of certain building types where the wind accelerates, and harnessing the energy in this acceleration zone through careful placement of a specially designed wind turbine to maximize electricity generation. These patents also cover an approach to enabling modular, rapid installation of these systems on the building to minimize time and cost.

"AV's prospective customers for Architectural Wind® systems are committed to demonstrating sustainable practices in energy and resource management," said Mike Bissonette, vice president and general manager of AV's Energy Technology Center. "Our building-integrated wind energy system is designed to provide these leaders with a fresh and highly visible approach to clean energy generation with a goal of providing a payback that is comparable to or better than that of photovoltaic systems."

The utility patents cover wind turbine assembly features, building attachment methods, and positioning procedures. They provide details on a unique system that aligns numerous small, individual wind turbines atop and along parapets of buildings the size and shape commonly used for big box warehouse stores. The Architectural Wind® system uses the natural wind flow over a building without ducts or flow turning devices, while leaving sufficient design space for architects to explore shrouds, canopies and other ways to integrate the system along the parapet and into the building design.

AV is a pioneer in advanced energy system technologies. Since 1977, it has maintained a continuous presence in wind power technology, conducting more than 250 sponsored projects and investing in, developing, owning and managing wind farms. AV's new building-integrated Architectural Wind® system is a small, modular wind-turbine system that provides an attractive clean-energy generating technology for use in both urban and suburban environments. More information about the Architectural Wind® system is available via email at wind@avinc.com or on the Web at www.avinc.com/wind.

About AeroVironment, Inc. (AV)

Building on a history of technological innovation, AV designs, develops, produces, and supports an advanced portfolio of Unmanned Aircraft Systems (UAS) and efficient electric energy systems. The company's small UAS are used extensively by agencies of the U.S. Department of Defense and increasingly by allied military services to provide situational awareness to tactical operating units through real-time, airborne reconnaissance, surveillance, and target acquisition. AV's PosiCharge® fast charge systems eliminate battery changing for electric industrial vehicles in factories, airports, and distribution centers. More information about AV is available at www.avinc.com.

Safe Harbor Statement

Certain statements in this press release may constitute "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. These statements are made on the basis of current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from those expressed or implied. Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, our ability to perform under existing contracts and obtain additional contracts; changes in the regulatory environment; the activities of competitors; failure of the markets in which we operate to grow; failure to expand into new markets; failure to develop new products or integrate new technology with current products; and general economic and business conditions in the United States and elsewhere in the world. For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

Additional AV news: <http://www.avinc.com/News.asp>.

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