



FOR IMMEDIATE RELEASE

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**SMALL UNMANNED AERIAL VEHICLE AGAIN SURPASSES RECORD FLIGHT TIME  
USING PROTONEX FUEL CELL SYSTEM TECHNOLOGY**

**DATELINE: SOUTHBOROUGH, MA;** Protonex Technology Corporation (LSE: AIM: PTX and PTXU), a leading provider of advanced fuel cell power systems for portable, remote and mobile applications, today announced that the U.S. Air Force Research Laboratory (AFRL) and development partner AeroVironment, Inc. (NASDAQ: AVAV) have documented yet another successful, record flight on a small, unmanned aerial vehicle (UAV) utilizing a highly advanced fuel cell system from Protonex. AeroVironment's "Puma" UAV system broke its previous flight record of over seven hours and flew continuously for over nine hours, powered by the latest generation of Protonex' Pulse™ UAV power system.

The 9+ hour duration of the Puma flight using Protonex fuel cell power far surpasses the longest previous Puma flight achieved by AeroVironment using any technology. By incorporating the Protonex power system, the Puma was able to demonstrate three to four times the endurance capability of its standard batteries. The Pulse UAV system used in the Puma demonstration is a high performance, ultralight fuel cell system, coupling fuel cell technology that can achieve 1,000 watts per kilogram with an advanced chemical hydride fueling technology developed by Millennium Cell, Inc. (NASDAQ: MCEL) to increase energy density.

With the successful completion of this major milestone, Protonex is planning to focus on transitioning this advanced power source into small UAV products with specific payloads and mission requirements for both military and commercial applications. The endurance capabilities proven in this program were previously achievable only with larger scale, more costly UAV platforms. Now, it's expected that new missions such as surveillance, search and rescue, chemical-biological monitoring, and other long-endurance specialty missions can be achieved by smaller, more cost-effective UAV platforms that incorporate Protonex' advanced power systems.

"Increased endurance and payload capacity are critical capabilities that are not feasible with current battery technology being used in small unmanned aerial vehicles today," stated Dr. Paul Osenar, Chief Technology Officer, Protonex. "The final, successful extended duration capability demonstrated through this program with AFRL and AeroVironment yields significant opportunity for Protonex to enable new missions with small UAVs that are faster to deploy at considerably less cost for a wide range of military and commercial applications."

- ENDS -

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**Notes to Editors**

About Protonex Technology Corporation

[www.protonex.com](http://www.protonex.com)

Protonex Technology Corporation develops and manufactures compact, lightweight and high-performance fuel cell systems for portable power applications in the ten to 1000-watt range. The Company's fuel cell systems are designed to meet the needs of military and original equipment manufacturer (OEM) customers for off-grid applications underserved by existing technologies by providing customizable, stand-alone portable power solutions and systems that may be hybridized with existing power technologies. The Company is based in Southborough, Massachusetts.

About Millennium Cell

[www.millenniumcell.com](http://www.millenniumcell.com)

Millennium Cell is a leader in the development of hydrogen battery technology used to power portable applications. Through its proprietary Hydrogen on Demand® fuel cartridges and PowerSkin™ fuel cell modules, the Company provides increased energy density resulting in longer runtime and lighter weight in a compact space. The Company is working with market partners to meet the demand for a better battery in the military, medical, industrial and consumer electronics markets.

*This announcement includes statements which are, or may be deemed to be, "forward-looking statements". All statements other than statements of historical facts included in this announcement, including, without limitation, those regarding Protonex' financial position, business strategy, plans and objectives of management for future operations (including development plans and objectives relating to Protonex' products and services) are forward-looking statements. By their nature, such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of Protonex to be materially different from future results, performance or achievements expressed or implied by such forward-looking statements. These factors include but are not limited to those described in the Admission Document issued in connection with the Company's admission to AIM.*

*Forward-looking statements may and often do differ materially from actual results. Any forward-looking statements in this announcement speak only as at the date of this announcement and are subject to risks relating to future events and other risks, uncertainties and assumptions relation to Protonex' operations, results of operations, growth strategy and liquidity.*