



INFLIGHT Wi-Fi BECOMES OLD NEWS WITH Wi-SKY'S BREAKTHROUGH TECHNOLOGY FOR AIRBORNE INTERNET COMMUNICATION

Delivers Data 40 Times Faster than Existing Airline Data Rates

ATLANTA (May 22, 2009) -- Wi-SKY Inflight, the technology leader in true broadband communication with aircraft in flight, today announced their unprecedented technology breakthrough that will enable airlines to provide a first class Internet connection service that far surpasses the data speeds of current airline Wi-Fi services and will enable passengers to access the Internet with no file-size limitations. The company achieved a 45 Megabit per second (Mbps) connection to the Internet from an aircraft in flight.

Expected to be available on airlines this fall, Wi-SKY's proprietary next generation (4G) radio achieved a data rate of 45 Mbps per second uplink and downlink between a ground station and an aircraft flying 525 mph at cruising altitudes. A typical connection at home or most offices is between one half and 1.5 Mbps. The company has engineering plans which will escalate the data rate to 100 Mbps to and from a plane within 12 months.

"Wi-SKY's current 45 Mbps – a true to-the-user data rate to every plane in the sky – makes unfettered Internet access possible for the first time," stated Grant Sharp, president and CEO of Wi-SKY Inflight, Inc. "Our objective is to eliminate slow-loading web pages, limited file transfers, size-restricted email attachments, dropped connections and other curtailed Internet activity encountered by users of today's DSL speed technologies accessing the Internet in flight."

The Wi-SKY connection also enables an airline to strengthen its operations and customer service. Airlines can be more proactive with meeting the needs of customers whose schedules are being impacted by re-routed flight itineraries due to weather or other delays. By using Wi-SKY's high-speed bandwidth in flight customer service, all passengers can avoid long lines at the airport customer service desk. The technology will also allow the real-time display of gate information -- eliminating the need when landing for a passenger to wait in line or search for gate information. This service could provide the extra few minutes a flight-delayed passenger may require to make their connection.

Wi-SKY anticipates Internet users are becoming more aware of data speeds that affect web browsing performance. As broadband becomes more pervasive, and data rates continue to increase, Wi-SKY is positioned to meet consumers at the next level of Internet-access expectations. "DSL connection speeds offered by inflight cellular

and satellite coverage, which is further degraded when shared by multiple users on a single plane, are no longer appealing to most Internet users," asserts Sharp.

During test flights in early May, the radio development team maintained extensive Internet connection, performed speed tests, surfed web pages without file-size limitations of the current inflight providers, made Skype phone calls and watched Internet TV. Further radio enhancements will be tested each week for the next several weeks.

The Wi-SKY patent-pending aircraft communication system is based on next generation wireless technology sometimes referred to as WiMAX or 4G. The equipment weighs less than 20 pounds -- making it extremely attractive for airlines looking to save fuel cost by reducing weight on planes. The radio is about the size of a ream of copy paper and has no moving parts.

Wi-SKY has not disclosed the enhancements necessary to get a standard 4G radio to communicate with an aircraft in flight. However, the company indicates that one of their upgrades beyond an off-the-shelf 4G radio makes it possible to deliver the same throughput (45 Mbps or higher) to every plane in the sky, even when several aircraft may be sharing the same terrestrial transmission site.

"The technique to achieve 45 Mbps to multiple aircraft from the same tower is our secret sauce," says Sharp, "and the results can easily be demonstrated. Standard 4G radios divide or share a common frequency, but our advanced technology allows the same frequency to be available to each of several aircraft per tower. This means all passengers on all Wi-SKY equipped planes will have a consistent high-speed Internet, even when they may receive their connection from the same tower."

The fundamental characteristic of a 4G radio signal is called OFDM (Orthogonal Frequency Division Multiplexing). "We significantly enhanced a 4G radio to achieve these results at jet speed," explains Jerry Ballington, vice president of operations for Wi-SKY. "OFDM is the technology that gives 4G radios enhanced throughput over older 3G communication, and we have upgraded the already-robust 4G platform to perform even better than LTE or WiMAX standards."

Ballington, experienced with aircraft modification with a major airline, said installation of the system will be quick and simple. "The simplicity of the hardware and expert design make FCC and FAA approvals possible in a very reasonable time frame," stated Ballington.

About Wi-SKY

Atlanta-based Wi-SKY's mission is to provide a superior passenger experience with the Internet in flight. The company is dedicated to delivering First Class Internet to every user on every plane. Wi-SKY is now poised to provide unsurpassed bandwidth for airborne communication for a wide range of communication applications, regardless of aircraft proximity in the sky.

Wi-SKY Inflight is the exclusive licensee of patent-pending technology which involves the use of terrestrial-based 4G broadband wireless transmission and reception with aircraft in flight at distances and signal strengths heretofore not possible with existing cellular or satellite technology. The company has other Intellectual Property contracts and patent applications which further protect its proprietary radio technology.

Further details about the company and results of the recent demonstration are found on the company's web site, www.wi-skyinflight.com