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## **Wi-SKY INFLIGHT BREAKS AIRCRAFT COMMUNICATION BARRIER**

### **Introduces Industry-Disruptive Aviation Data Link**

**FRANKFURT, Germany (September 22, 2009)** -- Wi-SKY Inflight today announced the availability of its proprietary and revolutionary data link services for European aircraft. The data link service currently delivers an unprecedented 45 megabits per second (Mbps) to every aircraft within a tower coverage area simultaneously, thirty times faster than existing technology. As an example of this data rate, Wi-SKY can transmit a 2-hour movie from the ground to an airborne aircraft in less than 3 minutes compared to 3 hours for existing cellular or satellite data links.

“This enhanced 4G (fourth generation) wireless technology offers all aircraft worldwide enhanced safety as well as operational cost savings,” explains Grant Sharp, CEO of Wi-SKY Inflight, Inc. “For example, the entire voluminous Black Box data file could be transmitted to a ground-based control center for real-time backup, monitoring and analysis.” Wi-SKY is working with a German-based airline IT provider to develop the new and unique applications now available with this extremely high data-transfer rate for aircraft.

The “Black Box” is a term used when referring to the Flight Data Recorder (FDR). The data recorded by the FDR is used for accident investigation as well as for analyzing air safety issues, material degradation and engine performance. As recent aircraft accidents have demonstrated, locating the Black Box at a crash site can be difficult or impossible. A ground-based recording of the FDR would make the accident data immediately available.

“The data contained in the Black Box is too voluminous to cost-effectively transmit with current technology,” explains Sharp. “Key portions of the FDR data are therefore extracted for periodic analysis by aircraft owners and operators” Sharp aims to use the Wi-SKY data link service to offer aircraft flight crews the capability of real-time analysis of the complete and extensive data content of the Black Box by ground-based monitoring systems. Alerts can then be relayed back to the cockpit for validation of critical instrument readings.

Wi-SKY also plans to offer other new and custom applications never before possible with existing communication technology, such as

- Real-time uploads of detail weather graphics to help avoid turbulence, the leading cause of inflight injuries
- Real-time aircraft systems analysis to improve flight performance and further reduce unscheduled repair costs
- Onboard rebooking of connecting flights when weather causes flight delays, which will help passengers avoid long queues at the airport Customer Service desk

Engineering personnel at Wi-SKY are currently upgrading the radio technology to 100 Mbps. The radio features dual Ethernet ports to provide independent link to both the aircraft cabin as well as the cockpit. “Passenger data would be transmitted on different frequencies than the cockpit information,” explains Jerry Ballington, Vice President - Operations. “Our extremely high bandwidth is required to fully serve both the confidential data requirements of the cockpit as well as provide passengers with unfettered Internet access.” The radio is designed to operate in both the 2.4 GHz frequency and 5.8 GHz range of spectrum, depending on the preference or regulations of the country over which the aircraft is flying.

Wi-SKY Inflight Inc. is targeting global customers from its Atlanta, Georgia, USA headquarters. To accommodate its plans to launch the data link service first in Europe, the company’s stock (WKY) was therefore initially listed on the Frankfurt, Berlin and Xetra Exchanges. For additional information, visit the company’s website at [www.wi-skyinflight.com](http://www.wi-skyinflight.com) or contact Mr. Dan Katz, VP for media relations: [dkatz@wi-skyinflight.com](mailto:dkatz@wi-skyinflight.com) or +1 404-358-7461.

#### 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](http://www.wi-skyinflight.com)*