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For more information contact:

Steve Glander, International Sales, 916.928.1000

Indonesia Tackles Visibility Issues with AWI RVR Systems

Sacramento, CA (September 16, 2008) — In an effort to alleviate flight delays and safety issues owing to frequent low visibility conditions, two separate airfields in Indonesia are installing sophisticated Runway Visual Range (RVR) systems. The RVR systems, developed by All Weather, Inc. of Sacramento, California, use state-of-the-art Dual Technology Visibility Sensors to deliver highly accurate readings for both visibility and RVR.

"Low visibility is a frequent problem in Indonesia, due to an annual cycle of fires that spreads plumes of smoke across large areas," said Steve Glander, International Sales Manager for All Weather, Inc. (AWI). "Our RVR systems will keep pilots and ground personnel on top of changing visibility conditions, allowing them to adapt their flight plans to avoid dangerously low visibility."

AWI's visibility sensors are dubbed "Dual Technology" owing to their use of both direct attenuation and forward scatter technologies. Combining the two enables the sensors to measure airborne particle sizes and types with an accuracy once possible only with traditional transmissometers, while preserving the reliability and affordability of a forward scatter sensor.

The AWI sensors further differentiate themselves with their ability to measure visibility degradation caused by smoke, dust, and blowing sand--unlike standard forward-scatter sensors--and with their accurate measurement of Meteorological Optical Range (MOR), a well-known deficiency in transmissometers.

Determining RVR goes a step beyond standard visibility measurement, requiring calculations that take into account background light and artificial light sources. The Indonesia RVR systems couple the visibility sensors with an ambient light sensor and a runway light setting interface. The outputs of these two additional elements are incorporated into the system's algorithms to provide a truly representative value for Runway Visual Range

About All Weather, Inc.

All Weather, Inc. (AWI) is a leading developer of high-accuracy, high-dependability weather information systems that help users minimize risks in an unpredictable world. The company provides AWOS aviation weather systems and air traffic control display systems, as well as a wide range of high-accuracy meteorological sensors and systems, including laser ceilometers, runway visual range systems, lightning detection sensors, and a variety of other meteorological sensors. AWI's ASOS, AWOS, and AWSS systems meet the stringent standards of the International Civil Aviation Organization (ICAO), the World Meteorological Organization (WMO), and FAA. AWI has installed more than 2000 high-end automated weather systems around the globe, working with such leading authorities as the U.S. National Weather Service, FAA, ICAO, WMO and commercial users around the world. For more information, visit www.allweatherinc.com.

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For further information, contact:

Steve Glander, International Sales
All Weather, Inc.
1165 National Drive, Sacramento, CA 95834 USA
+1 916.928.1000, Fax: +1 916.928.1165
Email: sglander@allweatherinc.com