

Updates to Vaisala AviMet®

Vaisala serves airports of all shapes and sizes – from regional facilities to large international airports – by providing a capability to observe, forecast and integrate weather to support operational decision making. The Vaisala AviMet® airport weather systems are designed to always conform to the standards and recommendations defined by the International Civil Aviation Organization (ICAO) and the World Meteorological Organization (WMO), which means that the systems are constantly under development to ensure compliance to changing requirements.

The latest modifications, released during the fall in the AviMet® software version 6.0, were designed according to the updated ICAO requirements and recommendations on meteorological data processing and reporting practices. The new requirements were specified in the 17th edition of the “Meteorological Service for International Air Naviga-

tion (Annex 3), and they became effective in November.

The main changes made to the functionalities of the AviMet® software are related to METAR/ SPECI and local reports. In addition, some general improvements were introduced. The changes affect the Vaisala AviMet® Automated Weather Observing System AW55 (AWOS) and the Vaisala AviMet® Runway Visual Range System AW51 (RVR).

Total Aviation Weather Management Solution

The updated software platform is the heart of the Vaisala AviMet® total aviation weather management solution. Designed to bridge the gap between weather information and the airport’s operative processes, Vaisala AviMet® systems provide continuous, real-time information on weather and its impact on aviation and airport operations to improve safety and

Vaisala’s aviation weather management systems modified to comply with the latest ICAO requirements

traffic flows in all weather conditions as well as to reduce an airport’s environmental impacts.

The Vaisala AviMet® comprises of the technology platform, related services, and a range of end-user applications, such as automated weather observing, runway visual range, and low level wind shear alert systems. All meteorological data generated can be integrated into air traffic control systems, airport-wide service and maintenance systems, and other meteorological systems the airport might have.

All Vaisala AviMet® systems are specifically designed to utilize latest sensor and computer technology available, which means that they ensure superior accuracy and performance in the measurement and reporting of any weather data needed in aviation.

Further information:
www.vaisala.com/en/airports

An ICAO compliant Vaisala AviMet® AWOS. The system typically consists of field sensors, central data unit(s), communications interfaces and different workstation types.

