



Reliable, Accurate and Scalable AWOS Weather Monitoring Solutions

The **Automated Weather Observing System (AWOS)** is a highly reliable and fully configurable airport weather solution that provides precise, real-time meteorological data. Engineered specifically for aviation applications, ADB SAFEGATE's AWOS ensures safe and efficient airport operations, from small aerodromes to multi-runway Category IIIB airports, and even offshore helicopter platforms and rooftops.

ADB SAFEGATE's AWOS is trusted by the U.S. Federal Aviation Administration (FAA) as one of only two AWOS manufacturers to receive full AWOS FAA Certification, and compliant with all ICAO requirements.

ADB SAFEGATE's Comprehensive Sensor Suite of Aviation Grade AWOS sensors accurately measures and reports key weather parameters, including:

SENSOR SUITE

- Temperature and Humidity (dewpoint)
- Wind Speed and Direction
- Barometric Pressure
- Visibility (and RVR)
- Thunderstorm / Lightning
- Cloud Height
- Present Weather Conditions
- Precipitation



Why Choose ADB SAFEGATE's AWOS?

With over 45 years of aviation weather expertise and more than 1,000 installations worldwide, ADB SAFEGATE is a global leader in aviation weather solutions and services.

Flexible, Scalable Solutions

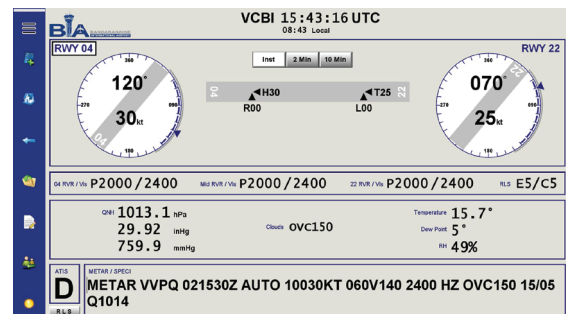
- Modular design easily expands with your airport's growth.
- Suitable for unmanned airfields with stand-alone processing capabilities.
- Cost-effective maintenance due to built-in self-diagnostics and remote monitoring.

Advanced Data Collection & Processing

- Microprocessor-based Data Collection Platform (DCP).
- Central Data Processor (CDP) efficiently manages and distributes real-time weather data.
- Optional redundant (hot-swap) configurations ensure uninterrupted service.

User-Friendly Display & Communication Options

- Intuitive MetObserver AWOS Data Processing and Display with customizable displays.
- Automatic generation and distribution of standard reports, including METAR, SPECI, MET REPORT, SPECIAL and SYNOP.
- Compatible with global aviation protocols, including AFTN, AMHS, BUFR, CREX.



Cost-Effective Installation & Maintenance

- Wireless data links eliminate costly trenching and cabling.
- Solar power solutions are available for remote or off-grid installations.
- Remote Maintenance Monitoring (RMM) capabilities allow secure global access for diagnostics and troubleshooting.
- Built-in software diagnostics reduce downtime and maintenance costs.

Certified and Proven Globally

- FAA Certified and ICAO compliant
- ISO-certified manufacturing
- Proven performance in diverse global environments
- 1,200+ aviation professionals dedicated to quality and reliability



Learn more about CORTEX AWOS
Visit: www.absafegate.com/weather