


DigiWx™ FAA AWOS

- ✓ **Lowest Lifecycle Costs**
Site prep, acquisition,
Installation, support
- ✓ **Easy Site Selection**
- ✓ **Automated Unicom or
Discreet Frequency**
- ✓ **Internet-based Remote
Support**
- ✓ **Graphic Display**

- ✓ **From Belfort, the leader
In aviation weather for
over 100 years**

FAA
Part 135
AWOS



THE STANDARD
OF MEASUREMENT

BELFORT INSTRUMENT
www.belfortinstrument.com

DigiWx™

FAA Part 135 AWOS

SPECIFICATIONS

SYSTEM OPERATING TEMPERATURE RANGE (-30° to +65° C, Base Unit)

Relative Humidity 0% to 100%

WIND SPEED

Range 0 to 134 mph (0.00 to 60 m/s)

Accuracy >67 mph ± 3.35 mph (>30 m/s ±5%)
 ≤67 mph ± 1.2 mph (≤30 m/s ± 0.5 m/s)

Threshold ≤1.2 mph (≤0.5 m/s)

Temperature Range -40 to 50°C

WIND DIRECTION

Range 0-360°

Accuracy ≤+0.5°

Threshold ≤1.2 mph (≤0.5 m/s)

Resolution 10°

Temperature Range -40° to +50° C

TEMPERATURE/RELATIVE HUMIDITY

Temp Range -40°C to +85°C

Accuracy 1°C

Resolution 1°C

Humidity 0% to 100%

Accuracy +/- 1.5%

PRESSURE SENSORS

Range 17.58 in Hg to 35.6 in Hg

Accuracy +/- 0.01 in Hg max

Redundancy Two transducers

Resolution 0.001 in Hg

Max Drift 0.01 in Hg per year

VISIBILITY SENSOR

Range 20 feet in 10 miles

Resolution Under 1/4, 1/4, 1/2, 3/4, 1, 1 1/4,
 1 1/2, 2, 2 1/2, 3, 4, 5, 7, 10 miles

Accuracy Versus Transmissiometer +/- 10% or 10 feet

CEILOMETER (OPTIONAL)

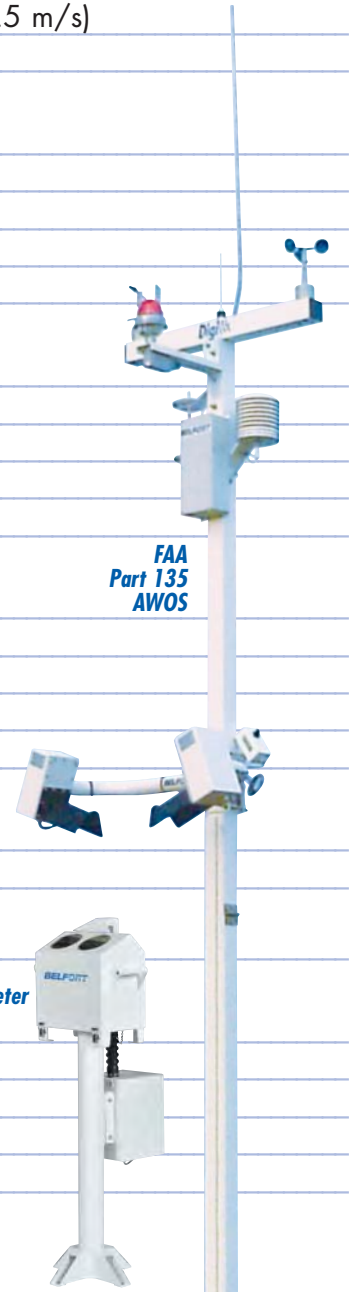
Range 25 to 12,000 feet

Resolution 25 feet

Accuracy +/- 5% over entire range

Cloud Layers 4

Measurement Interval User selectable



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