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COASTAL ENVIRONMENTAL SYSTEMS

Coastal Products Populating Level "C" Airports

Seattle, WA: Continued shipping of Radiosonde Surface Observation Instrumentation System (RSOIS) weather stations to the National Weather Service (NWS), coupled with shipment of Stand Alone Weather Stations (SAWS) beginning this month to the FAA, means Coastal products are fast becoming an important data source for Meteorologists at Level "C" airports.

SAWS and RSOIS follow Coastal's Precision Digital Barometers (PDB-1), deployed at all NWS Weather Forecast Offices (WFO's), often located at airports. A primary function of the PDB-1 is automatic calculation of aviation values associated with altimeter setting, previously a manual calculation.

RSOIS weather stations used as "ground truth" at balloon launch sites measure wind speed and direction, relative humidity and air temperature, and calculate dew point. They are also ready to accept a barometer as well as other sensors.

Pat Kelly, Coastal's VP of Sales and Marketing witnessed a balloon launch last year in Salem, Oregon. "It is exciting to know that our products are being used daily to provide basic weather data," Pat reported. "You cannot believe how high up those balloons go – and how quickly – taking data all the way. I can see why the NWS wants a ground truth for these sites. Although this site was at the Salem airport it was at least a half mile or more away, and in a different geography than the ASOS station at the airport."

This month, Coastal begins delivering FAA SAWS units. These stations measure winds, relative humidity, temperature, and barometric pressure. They also calculate altimeter setting and dew point, presenting data in text and graphic form at a local display(s). SAWS replaces the aging F420 "wind birds" at all Level "C" airports.

The result of these contracts is that three Coastal products can be located at Level "C" airports; a PDB-1, a RSOIS and a SAWS! Coastal is continuing to add sensors and features to its aviation line of weather stations, and is also using much of the technology to make its lower-priced, generic weather stations even more powerful and flexible.

For Immediate Release

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