Application Notes

Subject: WEATHERPAK protects the US President

Reference AN0043

Introduction



With Coastal weather stations already on the Pentagon, the South Pole research station, and the Presidential landing field (Andrews Airfield), it was only a matter of time…..

There are now two Coastal WEATHERPAK® weather stations at the WHITE HOUSE!

Coastal has been providing aviation weather data to Andrews Air Base, home of the Presidential aircraft, AIR FORCE ONE, for years, but what about protecting the President from the airfield to the White House? Now the White House has two WEATHERPAK®s used to help guide "Marine One," the official Presidential helicopters that have permission to land there.

WEATHERPAK® measures wind speed and direction, air temperature, relative humidity and air pressure. WEATHERPAK® is typically used in “performance critical” situations where the station must work regardless of harsh climates, natural or man-made disasters. It is sealed from the environment and therefore impervious to hostile conditions and most chemicals. The data is connected by Ethernet to a PC where it is displayed using Coastal’s INTERCEPT® software. The data can be used for aviation, climate data or emergency response.

<u>WindSonic</u>

The white WindSonic, which is an integral part of Coastal’s WEATHERPAK® is part of our WindSonic range of anemometers that has been installed into some of the most strenuous applications due to its proven solid-state technology. Resilient to harsh environments, our wind speed and direction sensors are low cost, low maintenance devices, providing fit-and-forget installation and mast mounting, reducing ongoing service costs.

WindSonic sensors are suitable for an almost unlimited range of weather measurement based applications and deliver real-time, accurate measurement data and provide truly dependable performance for safety critical applications.

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