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COASTAL ENVIRONMENTAL SYSTEMS

Coastal Supplies WEATHERPAK[®]s to Lockheed for U.S. Marines

Seattle, WA: Lockheed Martin selected Coastal Environmental Systems' WEATHERPAK[®] to supply weather information to its Air Surveillance and Precision Approach Radar Control System (ASPARCS), which they are building under contract for the U.S. Marines. The systems will also be available to the U.S. Air Force for use in its Mobile Air Traffic Control System (MACS). The recent purchase was made for approximately \$50,000 USD.

The WEATHERPAK[®] will be used in a mobile application. The entire approach radar and weather station (WEATHERPAK[®]) fit into a high-mobility, multi-purpose wheeled vehicle. The radar's antenna is located in a small trailer pulled behind. The WEATHERPAK[®] will measure wind speed and direction, air temperature, relative humidity and barometric pressure. True winds direction is calculated by using a built-in fluxgate compass that orients the wind speed sensor, regardless of vehicle orientation. The compass is checked every few seconds so winds are automatically corrected, even if the vehicle is moved after set-up. The WEATHERPAK[®] sets up from storage case to operational weather station in less than 2 minutes and automatically begins feeding data to the on-board system.

The U.S. and foreign militaries have used the WEATHERPAK[®] for more than 10 years, in both portable and permanent applications. It is ruggedized and hardened, and has been used on vehicles, ships, and as stand-alone systems (portable and permanent). Please see our web site:

<http://www.coastalenvironmental.com/cgi/index2.php?section=defmet&content=index> for more information on the WEATHERPAK[®] and examples of its many applications.