



U.S. Department
of Transportation

800 Independence Ave., S.W.
Washington, D.C. 20591

**Federal Aviation
Administration**

28 June 2004

Mr. David Wartofsky
Potomac Aviation Technology Corp.
10300 Glen Way
Fort Washington, MD 20744

Dear Mr. Wartofsky:

The Federal Aviation Administration (FAA) is hereby certifying the Potomac Aviation Technology Corporation (PATC) Model SU-1000 as a NonFederal AWOS providing altimeter and visibility parameters.

PATC has complied with all FAA requirements for type certification in accordance with the guidelines contained in FAA Advisory Circular 150/5220-16C, including Flight Standards requirements for providing official weather on unicom frequencies.

The equipment for which the FAA is providing certification is the Model SU-1000 system comprised, as a minimum, of two Setra model 470-T barometric pressure sensors, Biral model VPF710-130 visibility sensors, and main processing unit (MPU) model 0100.

Please contact H. Claude Jones at (202) 385-8407 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "H. Claude Jones".

H. Claude Jones
Product Lead for Weather Sensors
and Aviation Weather Research