

Automated Observing System (AOS)

PROGRAM/PROJECT:

LEAD AGENCY: Headquarters United States Air Force, Directorate of Weather (HQ USAF/XOW)

LEAD AGENCY POC: HQ USAF/XOWR, 703-696-4930, DSN 426-4930, scats.xowr@pentagon.af.mil

PROGRAM POC: Maj. Scott Jacobs, AFWA/XPFT, 402-294-4233, DSN 271-4233, scott.jacobs@afwa.af.mil, Mr Todd Kunschke, AFWA/XPFT, 402-294-5124, DSN 271-5124, tod.kunschke@afwa.af.mil, Mr Barry Mareiro, ESC/ACW, (781) 271-5458, DSN 478-1186, (pause) ext.15458, barry.mareiro@hanscom.af.mil

SERVICE AREA(S)/INITIATIVE(S)

- *National Aviation Weather Initiatives:*
6: 6

FUNDING

- *Programmed/Planned (\$'s/FY):* /FY03 /FY04

TYPE OF PROGRAM/APPLICATION

Product Development

SCOPE OF PROGRAM/PROJECT

- *What's being developed, procured, etc.:* a capability to remotely conduct a meteorological watch by monitoring weather sensors via the internet. AOS is commercial software that runs on a low-end Pentium based PC that collects data from various weather sensors. The data is then sent via the internet to client software resident at various Air Force weather facilities.
- *How operations will be changed/improved:* allows meteorological watch of many locations remotely from one work position using minute-by-minute data vice waiting for hourly or special weather observations.

PROGRAM/PROJECT MANAGEMENT

- *Basic guidance document for this program:* The guidance for this system is outlined in the Air Force's Strategic Plan for Air Force Weather Reengineering.
- *Program's verification process:* Purchased as a commercial item.
- *Method used for end product validation:* Comparison of the output from stand-alone weather sensors against the AOS observation.
- *Operational training for the user:* Operators are trained during installation. On line help is also provided with commercial software.

SCHEDULE/IMPLEMENTATION

- *Next major program milestone:* N/A
- *Program becomes operational:* AOS is an operational system.
- *Plans for further product improvements:* None.