War Weather (WWx)

PROGRAM/PROJECT:
LEAD AGENCY: Headquarters, Air Force Weather Agency (HQ AFWA)
LEAD AGENCY POC: Maj. Scott C. Jacobs, HQ AFWA/XPFT, (402) 294-4233, DSN 271-4233, scott.jacobs@afwa.af.mil
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SERVICE AREA(S)/INITIATIVE(S)

- ***National Aviation Weather Initiatives:***
  N/A

FUNDING

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

TYPE OF PROGRAM/APPLICATION

Decision Support

SCOPE OF PROGRAM/PROJECT

- ***What's being developed, procured, etc.:*** *an electro-optical weapons decision aid capability consisting of decision aid product software*: *Target Area Weather Software (TAWS), Night Vision Goggle Operational Weather Software (NOWS), Infrared Target Scene Simulation Software (IRTSS), and others.*
- ***How operations will be changed/improved:*** Operational forces will use the decision aid outputs for command and control, mission planning, mission execution, training, and simulation support. This capability automates decision aid performance to minimize operational workload and maximize decision aid performance.

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** ROC 508-78 Pre-strike Reconnaissance and Surveillance System.
- ***Program's verification process:*** Spiral development acquisition strategy. Each spiral consists of a 12-month period at which time the government and contractor test against identified requirements. This program is undergoing operational test and evaluation. Configuration and functional audits will be completed at Final Operational Capability (FOC). Spiral deliverables consist of software releases to operators.
- ***Method used for product validation:*** Operational validation by AFCCC and other users.
- ***Operational training for the user:*** Training included in software help file. VCR tape provided with each delivered version. Distance Learning Course available from Air Force Schoolhouse. The products are taught at the AF Fighter Weapons School at Nellis AFB. NOWS training is being included in the Night Vision Goggles Instructor School at Williams AFB. Annual Instrument Refresher Course (IRC) training in development.

SCHEDULE/IMPLEMENTATION

- ***Next major program milestone:*** N/A
- ***Program becomes operational:*** This capability is currently operational.
- ***Plans for further product improvements:*** Follow-on advanced development is required to include additional weapons systems, command and control systems and operators as they request support. Follow-on improvements are planned through FY07.