



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY AERONAUTICAL SERVICES AGENCY
9325 GUNSTON ROAD, SUITE N319
FORT BELVOIR, VA 22060-5582

DAMO-AV-A

JAN 13 2009

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Army Policy on Use and Augmentation of USAF Automated Meteorological Observing Systems (AMOS)

1. References:

- a. AR 115-10, Weather Support for the U.S. Army, 30 Jun 96.
- b. FAA Order JO 7110.65, Air Traffic Control, 14 Feb 08.
- c. FM 34-8-2, Intelligence Officers Handbook, 1 May 98.
- d. FM 3-04.300, Flight Operations Procedures, 12 Aug 08.
- e. FM 3-04.303, ATS, Facility Operations, Training, Maintenance and Standardization, 3 Dec 03.
- f. FM 34-81, Weather Support for Army Tactical Operations, 31 Aug 89.
- g. Federal Meteorological Handbook No.1, Surface Weather Observations and Reports, 1 Sep 05.
- h. AFMAN 15-129, Air and Space Weather Operations - Processes and Procedures, 21 Jun 04.
- i. AFMAN 15-111, Surface Weather Observations, 19 Dec 03.
- j. Air Force Memorandum, 23 Jun 08, SUBJECT: Air Force Guidance Memorandum on Automated Meteorological Observing System Automation and Augmentation.

2. The USAF is authorized to use Automated Meteorological Observing Systems (AMOS) to fulfill US Army weather requirements.

3. The USAF may now provide 24/7 official weather observations at selected US Army locations worldwide using USAF-owned and certified AMOS operating in full automated mode. USAF Director of Operations (A3O) directed the USAF to operate AMOS fully automated except during periods when human augmentation (supplementation or backup) of AMOS is required (Encl 1).

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4. The USAF will install or has installed and commissioned AMOS at designated ATC controlled Army airfields worldwide. The USAF certifies commissioned AMOS (e.g. ASOS, FMQ-19, TMQ-53) meets all federal certification requirements to include FAA requirements for establishment and maintenance of Class D airspace. Procedures in FAA Order JO 7110.65, paragraph 2-6-6 have not changed.

5. As key contributors to weather situational awareness, Army ATC leaders shall continue to participate in the Cooperative Weather Watch (CWW) program as described in FM 3-04.303. For example, tower personnel will still identify the presence of virga and provide tower visibility to weather technicians and aircrews.

6. Army airfield and garrison leadership will jointly conduct, with their supporting weather unit/organization, an Operational Risk Management (ORM) analysis to develop procedures for AMOS backup. This analysis will identify criteria and thresholds when weather technicians are needed to be on telephone standby or onsite to backup the system. Document the criteria and thresholds (See Encl 2 for an example) in the airfields operating instructions and in the weather support agreement between the supported Army unit/airfield and the supporting USAF units or organizations.

7. This is a coordinated DAMO-AV-A and DAMI-OPS memorandum.

8. USAASA point of contact is Mr. Douglas Edsall, (703) 806-4417, email douglas.edsall@conus.army.mil. DAMO-AV-A point of contact is CW5 Riddle, (703) 692-8349, email mark.riddle@us.army.mil. DAMI-OPS point of contact is COL (SEL) Craig Souza, (703) 695-2726 email craig.souza@us.army.mil.

2 Encls

1. USAF Guidance Memo
2. Example of timelines and triggers



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COL, AV
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