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Weather

**AIR FORCE WEATHER STANDARDIZATION
AND EVALUATION PROGRAM**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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The OPR for this supplement is HQ AFSPC/XOSW (Mr. Alan Gibbs). This supplement supersedes AFI15-180_AFSPCSUP1, 1 Nov 02. This supplement implements and extends the guidance of Air Force Instruction (AFI) 15-180, *Air Force Weather Standardization and Evaluation Program*, 11 June 2002. The AFI is published word-for-word without editorial review. This supplement describes AFSPC's procedures for use in conjunction with the basic AFI. It applies to Air Force Space Command (AFSPC) and its subordinate units. This supplement does not apply to Air Force Reserve Command or Air National Guard units. The reporting requirement in this directive is exempt from report control (RCS) licensing in accordance with AFI 33-324, *The Information Collections and Reports (ICR) Management Program; Controlling Internal, Public, and Interagency Air Force Information Collections*. Upon receipt of this integrated supplement, discard the Air Force basic publication.

SUMMARY OF REVISIONS

This publication incorporates HQ AFSPC/IG recommended changes to Air Force Weather Standardization and Evaluation Program (AFWSEP) visit guidance and procedures, priority information not mentioned in Attachment 3, and minor administrative changes. A bar (|) indicates a revision from the previous edition.

- 1.3. **Scope.** All AFSPC weather units (including civilian-contracted units) are subject to this program.
- 3.3.1. HQ AFSPC/XOSW will conduct AFWSEP visits to AFSPC weather units every 48 months. To reduce the inspection footprint at AFSPC weather units, AFWSEP visits will be held in conjunction with HQ AFSPC/IG-led Operational Readiness Inspection (ORI) visits. AFWSEP visits will be conducted during week two of the two week ORI; which is typically a period when only ORI findings are validated and report writing takes place. At civilian-contracted units, the AFWSEP visit will normally take place during the Air Traffic System Evaluation Program (ATSEP) visit.

3.3.3. (Added) Each AFSPC weather unit is encouraged to request a MAJCOM-led staff assistance visit (SAV) or technical consultant visit (TCV) prior to the AFWSEP visit. AFSPC weather units should request this visit (through channels) at least six months before the scheduled AFWSEP visit. The HQ AFSPC/XOSW SAV/TCV uses the AFW Compliance Review (CR) checklist and MAJCOM unique items (MUIs) to assess the unit’s compliance with AF and AFSPC guidance. Due to recent HQ AFSPC manpower reductions, HQ AFSPC/XOSW SAV and TCV support is severely limited.

3.4.1. (Added) HQ AFSPC/XOSW will notify AFSPC weather units of an upcoming AFWSEP visit 30 days prior to the visit. This notification will occur at the same time the HQ AFSPC/IG notifies the host wing of an impending ORI visit.

4.2.1. Any changes to the electronic assessment tools (MUIs in this case) will be published and posted on the HQ AFSPC/XOSW weather website with a publication date and an effective date. Assessment items will typically be subject to evaluation six months after initial publication and 90 days after publication of subsequent changes.

4.2.2. Any AFSPC-generated weather interest item (WII) will be transmitted through channels to AFSPC weather units and posted on the HQ AFSPC/XOSW website.

4.3.7. MUIs will be included as a sub area of the AFW Compliance Review (CR) checklist. AFSPC weather units will be accountable for each of the applicable MUIs as well as applicable items from the six AFW core competency functions. MUIs will be available via the HQ AFSPC/XOSW website.

4.4. **Overall Unit Ratings.** AFWSEP ratings for AFSPC weather units will be determined IAW [Table 4.1](#). (AFSPC).

Table 4.1. Determining Unit Rating.

THE UNIT RATING IS:	IF:	AND/OR:
OUTSTANDING	OVERALL CI ≥ 95%	NO SUB AREA RATED < 70%
EXCELLENT	OVERALL CI ≥ 90% BUT < 95%	NO SUB AREA RATED < 70%
SATISFACTORY	OVERALL CI ≥ 80% BUT < 90%	NO MORE THAN ONE SUB AREA RATED < 70%
MARGINAL	OVERALL CI ≥ 70% BUT < 80%	NO MORE THAN ONE SUB AREA RATED < 70%
UNSATISFACTORY	OVERALL CI < 70%	TWO OR MORE SUB AREAS RATED < 70%

4.6. **Follow-up Evaluations.** A unit rated as “MARGINAL” or “UNSATISFACTORY” will receive a follow up SAV from HQ AFSPC/XOSW to assess corrections and allow the unit to re-qualify. This revisit will be scheduled within 180 days after the original AFWSEP visit.

4.6.1. (Added) If an individual scores an “UNSATISFACTORY” on a New Tactical Forecast System (N-TFS to include all components), Next Generation Weather Radar (NEXRAD) or meteorological satellite (METSAT) program manager evaluation or an operator N-TFS, NEXRAD or METSAT proficiency test, station leadership should take immediate action to re-qualify the individual on the particular area that was rated “UNSATISFACTORY.”

5.3.1. AFSPC/XOSW will use the AFWSEP report format shown in **Attachment 2**.

5.3.2. AFSPC/XOSW will use the AFWSEP score sheet format and rating scale shown in [Attachment 4 \(Added\)](#).

5.5.2.5. Any issues regarding the discrepancy and negative observation closure process will be resolved through channels to AFSPC/XOSW.

Attachment 4 (Added)

AFSPC AFWSEP SCORE SHEET

A4.1. (Added) COMPUTING INDICES

Figure A4.1. (Added) AFSPC AFWSEP Score Sheet.

UNIT: Moon AFB, PA DATE: 15 – 19 Jan 2003

COMPLIANCE REVIEW (CR) AREA				
SUB-AREA	TOTAL POINTS CORRECT (A)	TOTAL POSSIBLE POINTS (B)	A/B * 100% (C)	SUB AREA SCORE
1. Weather Data Collection	12	17	71%	SATISFACTORY
2. Data Analysis	26	39	67%	UNSATISFACTORY
3. Forecasting	14	17	82%	SATISFACTORY
4. Tailor Products/Warfighter Applications	50	55	91%	EXCELLENT
5. Dissemination	12	17	71%	OUTSTANDING
6. Management/Administration	129	147	88%	SATISFACTORY
7. HQ AFSPC Unique Items	158	158	100%	OUTSTANDING
TOTAL	401	450	89%	SATISFACTORY
	CI	IS MORE THAN ONE SUB AREA RATED "UNSATISFACTORY" ?	UNIT RATING	
CONFORMITY INDEX (CI)	89	NO	SATISFACTORY	

A4.2. (Added) Definitions.

A4.2.1. (Added) Compliance Review – The score for each sub area within the compliance review area is determined by the ratio of the number of correct evaluation weighted points divided by the total number of applicable weighted points.

A4.2.2. (Added) Conformity Index (CI) – The summation of correct checklist items from the seven sub areas. In the Moon AFB example, the computation is as follows:

$$\text{CI} = \text{SUMMATION OF TOTAL POINTS CORRECT} / \text{TOTAL POINTS POSSIBLE} * 100\%$$

$$\text{CI} = 12 + 26 + 14 + 50 + 12 + 129 + 158 = 401$$

$$\text{CI} = 401 / 450 = 89\%$$

This equates to an overall unit rating of “**SATISFACTORY**” as only the Data Analysis sub area was rated < 70% or “**UNSATISFACTORY**.”

NOTE: Had another sub area been rated “**UNSATISFACTORY**,” the overall rating would have been “**UNSATISFACTORY**” even if the CI had been $\geq 70\%$.

A4.3. (Added) Scoring. The unit rating would be accomplished per the criteria in [Table 4.1. \(AFSPC\)](#).

DOUGLAS M. FRASER, Brig Gen, USAF
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