

**BY ORDER OF THE COMMANDER
AIR FORCE WEATHER AGENCY**

**AIR FORCE WEATHER AGENCY MISSION
DIRECTIVE 5202**



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**AIR FORCE WEATHER AGENCY MISSION
DIRECTIVE**

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This mission directive implements policy and guidance in Air Force Policy Directive (AFPD) 10-1, *Mission Directives*, Air Force Instruction (AFI) 10-101, *Format and Content of Mission Directives*, and AFI 38-101, *Air Force Organization*. It defines the organization, mission, and assigned duties of the Air Force Weather Agency (AFWA) and its subordinate units. Its purpose is to prescribe mission, organization, and responsibilities. Ensure that all records created as a result of processes prescribed in this publication are maintained IAW AFMAN 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://www.my.af.mil/gcss-af61a/afrims/afrims>. The reporting requirements in this publication are exempt from licensing IAW AFI 33-324, The Information Collections and Reports Management Program; Controlling Internal, Public and Interagency Air Force Information Collections. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Form 847s from the field through the appropriate functional's chain of command. This publication applies to the Air National Guard and Air Force Reserve command upon activation.

SUMMARY OF CHANGES

This document has been substantially revised and must be completely reviewed.

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1. Mission. Maximizing America's Power through the exploitation of timely, accurate, and relevant weather information: Anytime, Everywhere. The overall Field Operating Agency (FOA) mission is described in Air Force Mission Directive (AFMD) 52, *Air Force Weather Agency*.

2. Command. AFWA is a Field Operating Agency, reporting to Headquarters, United States Air Force Director of Weather, Deputy Chief of Staff, Air and Space Operations, Plans and Requirements (AF/A3O-W).

2.1. AFWA exercises administrative and operational control over assigned forces and, when activated, AFWA gained Air Force Reserve and Air National Guard forces. AFWA will have operational control (OPCON) when the Air National Guard is on “Title 10/Air National Guard of the United/ANGUS” status and assigned to AFWA. Administrative control (ADCON) is “shared” with the 201st Mission Support Squadron, Andrews AFB, MD for anything less than a “full/total mobilization.” Full/Total Mobilization means the ANG would become part of the Air Force.

2.2. Lead Command for Air Force Weather (AFW) AF multi-command terrestrial weather systems and capabilities, ground-based space weather systems, training and communications.

3. Responsibilities.

3.1. The AFWA Commander:

3.1.1. Implements Secretary of the Air Force and the Chief of Staff of the Air Force directives addressing administration and policies concerning assigned forces.

3.1.2. Maintains forces in a constant state of readiness to meet the tasked wartime support requirements for all Department of Defense (DoD) agencies.

3.1.3. Plans and programs for centralized weather, space environment, and climatological services to the Joint Chiefs of Staff, Air Force, Army, designated unified commands, and other agencies as directed by the USAF Chief of Staff.

3.1.4. Directly supports the President, the National Command Authorities, the National Reconnaissance Office, the unified commands, and national programs of the highest priority.

4. Organizational Structure. Prescribed IAW AFI 38-101 and the AFWA manpower document. Attachment 2 reflects the approved AFWA structure. Attachment 1 contains the glossary and Attachment 3 is a list of related directives.

5. Relationship to Other Units or Agencies. AFWA is authorized direct communications with HQ USAF in all functional areas and with Air Force MAJCOMs. DoDI 4000.19, *Support Agreements*, governs inter- and intra-service communications.

6. Special Instructions. Requests to establish, change, or revise this directive or change the approved organizational structure must be submitted with proposed functional statements and organizational structure changes, in accordance with AFI 38-101, AFPD 10-1, and AFWAI 38-2 to AFWA/DPB, Manpower and Organization for approval.

LOUIS V. ZUCCARELLO, Colonel, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

DoDI 4000.19, *Support Agreements*, 25 April 2013

AFMD 52, *Air Force Weather Agency*, 16 March 2010

AFPD 10-1, *Mission Directives*, 21 June 2002

AFPD 10-9, *Lead Command Designation and Responsibilities for Weapon Systems*, 08 March 2007

AFI 10-101, *Format and Content of Mission Directives*, 12 February 2003

AFI 10-503, *Strategic Basing*, 27 September 2010

AFI 10-901, *Lead Operating Command--Communications and Information Systems Management*, 22 March 2001

AFI 14-104, *Oversight of Intelligence Activities*, 23 April 2012

AFI 33-112, *Information Technology Hardware Asset Management*, 07 January 2011

AFI 33-114, *Software Management*, 13 May 2004

AFI 33-141, *Air Force Information Technology Portfolio Management and IT Investment Review*, 23 December 2008

AFI 33-200, *Information Assurance (IA) Management*, 23 December 2008

AFI 33-210, *Air Force Certification and Accreditation (C&A) Program (AFCAP)*, 23 December 2008

AFI 33-324, *The Air Force Information Collections and Reports Management Program*, 06 March 2013

AFI 36-2618, *The Enlisted Force Structure*, 27 February 2009

AFI 38-101, *Air Force Organization*, 16 March 2011

AFI 63-101/20-101, *Integrated Life Cycle Management*, 07 March 2013

AFI 90-201, *The Air Force Inspection System*, 02 August 2013

AFMAN 33-363, *Management of Records*, 1 March 2008

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*.

Abbreviations and Acronyms

ADCON—Administrative Control

AETC—Air Education Training Command

AFI—Air Force Instruction

AFIA—Air Force Intelligence Agency
AFIT—Air Force Institute of Technology
AFMAN—Air Force Manual
AFMD—Air Force Mission Directive
AFPD—Air Force Policy Directive
AFTR—Air Force Training Record
AFW—Air Force Weather
AFWA—Air Force Weather Agency
AFWAI—Air Force Weather Agency Instruction
AFWAMD—Air Force Weather Agency Mission Directive
AFWKC—Air Force Weather Knowledge Center
AFWS—Air Force Weather Systems
ANG—Air National Guard
C&A—Certification and Accreditation
CBP—Capability Based Planning
CBT—Computer Based Training
CCS—Command & Control Systems
CFETP—Career Field Education and Training Plan
CIO—Chief Information Officer
CONOPS—Concepts of Operations
CPC—Compliance Performance Checklist
CRRA—Capabilities Review and Risk Assessment
DISA—Defense Information Systems Agency
DMSP—Defense Meteorological Satellite Program
DoD—Department of Defense
DoDI—Department of Defense Instruction
DOTMLPF—Doctrine, Organization, Training, Material, Leadership and Education, Personnel, and Facilities
FISMA—Federal Information Security Management Act
FOA—Field Operating Agency
FOIA—Freedom of Information Act
FTP—File Transfer Protocol
FYDP—Future Year Defense Plan

HAF—Headquarters Air Force

HQ USAF—Headquarters United States Air Force

HQ USAF/A3O—Headquarters United States Air Force Deputy Chief of Staff for Air and Space Operations

HQ USAF/A3O—W—Headquarters United States Air Force, Director of Weather

IA—Information Assurance

IAVA—Information Assurance Vulnerability Alerts

ICR—Information Collections Report

IDEA—Innovative Development through Employee Awareness

IG—Inspector General

IOC—International Oceanographic Commission (Buoys)

IS—Intelligence Squadron

IT—Information Technology

JCIDS—Joint Capabilities Integration Development System

LCRS—Legacy Communication Relay System

LHC—long haul communications

MAJCOM—Major Command

MCCC—MAJCOM Computers Coordination Center

METOC—Meteorology/Oceanography

MPES—Manpower, Programming, and Execution System

MTO—Mission Tasking Order

MSS—Mobile Satellite Services

NEXION—Next Generation Ionosonde

NPOESS—National Polar-Orbiting Operational Environmental Satellite System

OPCON—Operational Control

OPR—Office of Primary Responsibility

OWS—Operational Weather Squadron

QAE—Quality Assurance Evaluator

RDS—Records Disposition Schedule

RDTE—Research, Development, Test and Evaluation

SAF—Secretary of the Air Force

SCINDA—Scintillation Network Decision Aid (AFRL)

SEON—Solar Electro-Optical Network

SEPWO—Standardization Evaluation Program for Weather Operations

SPO—System Program Office

STS—Specialty Training Standard

TAFVER—Terminal Aerodrome Forecast Verification

TCNO—Time Compliance Network Orders

TN—Technical Notes

TR—Technical References

U&TW—Utilization and Training Workshop

WARNVER—Warning/Advisory Verification

WG—Weather Group

WS—Weather Squadron

WTS—Weather Training Supplements

WXG—Weather Group

WxROCC—Weather Requirements for Operational Capabilities Council

Attachment 2**AFWA ORGANIZATIONAL STRUCTURE AND FUNCTIONAL STATEMENTS****A2.1. AFWA Organizational Structure.**

CC – COMMANDER

CV – VICE COMMANDER

DD – DEPUTY DIRECTOR

DS – DIRECTOR OF STAFF

CCE – EXECUTIVE

CCF – FIRST SERGEANT

HO – HISTORY

FM – FINANCIAL MANAGEMENT AND COMPTROLLER

DP – PERSONNEL

A3 – OPERATIONS

A3O – CURRENT OPERATIONS

A3N – SCIENTIFIC SERVICES TRAINING STANDARDS

A5A8 – STRATEGIC PLANS, REQUIREMENTS, AND PROGRAMS

A5C – CAPABILITIES

A6 – COMMUNICATIONS

A6W – WARFIGHTER SYSTEMS INTEGRATION

A6X – PLANS, POLICY AND RESOURCES

A8F – LEAD COMMAND MANAGEMENT

A8P – PROGRAMS

A2.2. AFWA Functional Statements.**A2.2.1. COMMANDER (OSC: CC).**

A2.2.1.1. Provides leadership and exercises command jurisdiction over all activities of the AFWA.

A2.2.1.2. Advises and assists the HQ USAF/A3 Director of Weather regarding AF-wide policy, procedures, and resources.

A2.2.1.3. Senior Enlisted Advisor is responsible for advising commanders and staff on mission effectiveness, professional development, military readiness, training, utilization, health, morale, and welfare of the command's enlisted Airmen and takes action to address shortfalls or challenges. The Senior Enlisted Advisor provides leadership to the enlisted force and is the functional manager for group superintendents and first sergeants in their organization.

A2.2.2. VICE COMMANDER (OSC: CV).

A2.2.2.1. Assists the commander, AFWA, in performing command duties and responsibilities.

A2.2.2.2. Within the limitations established by the commander, acts in his/her stead in all matters affecting the command.

A2.2.3. DEPUTY DIRECTOR (OSC: DD).

A2.2.3.1. Serves as the AFWA Senior Civilian; responsible for advising commanders and staff on the effective utilization, training, morale, and development of the AFWA civilian workforce. Oversees force development of the AFWA civilian workforce and provides leadership for and mentoring to the civilian workforce. Serves as AFW Deputy Career Field Manager for all USAF weather career field members.

A2.2.3.2. Assists the commander with the technical direction of the AFWA staff for policy development and staff functions related to operations, planning, programming, integration, and maintenance for AFW meteorological systems, communications, and associated IT .

A2.2.3.3. Within the limitations established by the commander, acts in his/her stead in all matters affecting the command.

A2.2.4. DIRECTOR OF STAFF (OSC: DS).

A2.2.4.1. Manages special staff administration and delegates and tracks tasks for Agency's directors/subordinate commanders.

A2.2.4.2. Manages security manager functions.

A2.2.4.3. Serves as the HQ Squadron Commander.

A2.2.5. EXECUTIVE OFFICER (OSC: CCE).

A2.2.5.1. Provides executive service for the AFWA Commander and Vice Commander in conducting AFWA activities.

A2.2.6. FIRST SERGEANT (OSC: CCF).

A2.2.6.1. Exercises general supervision over all enlisted personnel. Works directly with commander, supervisors, and unit members to ensure discipline is equitably maintained, and morale, welfare, and health needs of the enlisted force are met.

A2.2.7. HISTORY (OSC: HO).

A2.2.7.1. Establishes AFW objectives and policies for the development and implementation of the USAF History and Museums Program in accordance with applicable Air Force directives.

A2.2.7.2. Prepares special historical studies, monographs, videos, oral histories, and chronologies of AFW and AFWA in coordination with the Office of the Air Force Historian.

A2.2.8. COMPTROLLER (OSC: FM).

A2.2.8.1. Estimates the cost of AFWA programs, develops budget estimates and financial policies, guides and directs budget justifications, and helps AFWA Commander administer all available appropriated funds.

A2.2.8.2. Serves as single point of contact with all Air Staff activities on all current and budget year Operation & Maintenance issues. Works with staff and operators to prepare and carry out the financial plan. Helps organizational managers justify and achieve their goals as financial managers.

A2.2.8.3. Monitors vendor payments and provides surveillance over the Government Travel Card, Defense Travel, and Government Purchase Card programs.

A2.2.9. PERSONNEL (OSC: DP),

A2.2.9.1. Develops plans, policies, and procedures for the overall management of AFWA military and civilian personnel programs and manpower resources.

A2.2.9.2. Manpower and Organization.

A2.2.9.2.1. Manages AFWA manpower and organizational management to include the Manpower, Programming, and Execution System (MPES), Competitive Sourcing and Privatization studies, and Innovative Development through Employee Awareness (IDEA), productivity enhancement, readiness and contingency, and performance management programs.

A2.2.9.2.2. Serves as the AFWA focal point for Air Staff manpower programming actions, including Future Year Defense Plan (FYDP) management and intercommand/interservice transfers.

A2.2.9.3. Civilian Personnel.

A2.2.9.3.1. Provides advice and guidance to the FOA and commanders, their staffs, and civilian employees on civilian personnel issues.

A2.2.9.3.2. Develops, implements, and evaluates FOA civilian personnel plans, policies, and procedures governing AFWA civilian personnel.

A2.2.9.4. Military Personnel.

A2.2.9.4.1. Manages the command's officer and enlisted promotions, officer and enlisted assignment actions, Professional Military Education actions, special selection and development boards, military awards and decorations, AFWA officer command records, special trophies and awards, mission readiness training, and FOA quarterly and annual award program.

A2.2.9.4.2. Manages and administers the AFWA Individual Mobilization Augmentee Program.

A2.2.9.4.3. Interfaces with HQ USAF, Air Force Personnel Center, Air Reserve Personnel Center, MAJCOMs, and operational commanders to implement military personnel policies and procedures for AFWA.

A2.2.10. OPERATIONS (OSC: A3).

A2.2.10.1. Provides a heads-up display of the AFWS strengthening AFWA's ability to conduct weather ops supporting worldwide DoD operations. A3 also delivers state-of-the-art technical training, guidance, and scientific services resources for the career field, oversees the development of career field training plans and computer-based tutorials on new equipment, and oversees and executes the AFW Standardization and Evaluation Program for Weather Operations (SEPWO).

A2.2.10.2. Assists HQ USAF/A3O-W in managing AFW career field training requirements process; obtains and implements training to meet those requirements. Coordinates AFW policy issues with AF/A3O-W.

A2.2.10.3. Manages staff matters relating to readiness, mobility, contingencies, and wartime tasks and functions. Oversees Unit Training Management.

A2.2.11. SCIENTIFIC SERVICES, TRAINING AND STANDARDS (OSC: A3N).

A2.2.11.1. Scientific Services.

A2.2.11.1.1. Plans and governs AFWA programs for science capability needs; serves as Lead Command focal point for Headquarters Air Force (HAF) and MAJCOM's science and technical services.

A2.2.11.1.2. Provides relevant Technical Notes (TNs), Technical References (TRs), and other relevant scientific documents for support to the warfighter as directed or as determined by operational shortfall.

A2.2.11.1.3. Coordinates with internal and external agencies to leverage external agencies (government labs, universities, Air Force Institute of Technology (AFIT), and industry) and infuse acquisitions, training, and operations into AFW.

A2.2.11.1.4. Serves as focal point for science and technical services to external agencies—ensures scientific standardization to operational performance support systems.

A2.2.11.2. Training.

A2.2.11.2.1. Supports HQ USAF/A3O-WR in managing AFW career field training requirements process.

A2.2.11.2.2. Obtains and implements, in concert with Air Education and Training Command (AETC), training resources to meet those requirements.

A2.2.11.2.3. Collaborates on training and policy issues arising from the development and fielding of emerging systems/capabilities.

A2.2.11.2.4. Provides Weather Training Supplements (WTS), Computer Based Training (CBT) or other documents to satisfy validated training requirements.

A2.2.11.2.5. Provides direct support to HQ USAF/A3O-WR as requested in the form of subject matter experts and/or facilitators at the AFW Utilization and Training Workshop (U&TW).

A2.2.11.2.6. Defines AFW Advanced Distributed Learning Service strategies.

A2.2.11.2.7. Represents AFWA at Configuration Control Boards established by AETC/A3IA for management and oversight of the Air Force Weather Knowledge Center and Air Force Training Record.

A2.2.11.2.8. Develops, manages, and maintains Master Training Plans to standardize core weather competencies.

A2.2.11.2.9. Coordinates with the 335th TRS on the development of weather Career Field Education and Training Plans (CFETP) and Specialty Training Standards (STS) for HQ USAF/A3O-W approval.

A2.2.11.3. Standards.

A2.2.11.3.1. Plans, schedules, and conducts SEPWO visits to all AFWA-owned units and organizations.

A2.2.11.3.2. Upon request and as resources permit, provides evaluator or observer augmentation to MAJCOMs during MAJCOM IG-led inspections.

A2.2.11.3.3. Develops, maintains, and updates SEPWO and Combined Unit Inspection (CUI) and Compliance Performance Checklists (CPC).

A2.2.11.3.4. Provides CPC to AFIA for incorporation into Inspector General Evaluation Management System (IGEMS).

A2.2.11.3.5. Develop Self-Assessment Checklists for incorporation into the Management Internal Control Toolset IAW AFI 90-201.

A2.2.11.3.6. Focal point for FOA and MAJCOM issues and questions pertaining to the SEPWO CPCs.

A2.2.11.3.7. Collaborates with HQ USAF/A3O-W in the development and revision of AF weather publications and policy.

A2.2.11.3.8. FOA's and MAJCOM's focal point for interpretation and clarification of AF weather publications and policy.

A2.2.12. WEATHER OPERATIONS (OSC: A3O).

A2.2.12.1. Produces an annual fiscal year trends and analysis report of all MAJCOM and AFWA evaluations, including IG-led inspections.

A2.2.12.2. Monitors the status of AFWA operations, production, acquisition, and support roles that deliver data, equipment, training, and sustainment services to the warfighter. Applies knowledge of the Agency's centralized and regional OWS operations to assess the quality and effectiveness of products and services and recommends corrective actions to senior leadership to minimize or mitigate operational impacts.

A2.2.12.3. Directs activities to resolve outage reports, coordinating outage resolution with appropriate agencies, and analyzing problem report trends to identify systematic problems. Provides AFW senior leadership periodic updates on AFW fielded system status to include identifying issues that significantly impact their operations.

A2.2.12.4. Serves as AFWA focal point by using the Doctrine, Organization, Training, Material, Leadership and Education, Personnel, and Facilities (DOTMLPF) process and knowledge of current AFW doctrine and capabilities, to ensure the right resources are directed to provide warfighter solutions.

A2.2.12.5. Serves as the interface between the AFWA production environment, lead command, A-staff, and the user community. Lead office to disseminate operationally relevant information on AFWA operations, production, acquisition, and support roles to the user community. Develops professional relationships with AFWA and MAJCOM staffs, DoD and non-DoD agencies, and the AFW user community to assess feedback on quality and effectiveness of AFW products and services and provide feedback to AFW senior leaders.

A2.2.13. STRATEGIC PLANS, REQUIREMENTS, AND PROGRAMS (OSC: A5A8).

A2.2.13.1. Directs the planning, requirements, programming, budgeting, development, acquisition, system engineering, configuration control, modification, installation, integration, logistics, and life cycle support including lead command, of all standard weather systems, performance based services contracts, and computer processing equipment.

A2.2.13.2. Serves as the DoD representative to the tri-agency WSR-88D Next Generation Weather Radar Program Management Committee and the AF representative to the Automated Surface Observing System Program Management Committee.

A2.2.13.3. Represents AFWA in the execution of Centralized Asset Management (CAM) governance.

A2.2.14. CAPABILITIES (OSC: A5C).

A2.2.14.1. Participates in the development and publishing of the AFWA Strategic Plan and associated goals, objectives, risks, and metrics.

A2.2.14.2. Accomplishes broad studies involving analysis of Air Force Weather (AFW) operational programs in support of the AF Capability-Based Planning (CBP) process and the AF Strategic Planning System.

A2.2.14.3. Develops and executes the JCIDS Capabilities-Based Assessment (CBA) studies to identify required capabilities, determine capability gaps, and identify options to solve weather deficiencies in conjunction with HQ USAF/A3O-W. Performs in-depth studies of weather capability shortfalls to assess potential solutions through analysis of operational approaches and Defense Acquisition System Analysis of Alternatives (AoA).

A2.2.14.4. Reviews JCIDS documents to ensure weather sensitivities and requirements of new AF and joint weapon systems are adequately addressed. Ensures warfighters' weather requirements are incorporated into AFW capabilities-based planning processes.

A2.2.14.5. Collects and processes validated requirements from the military services, DoD agencies, and other US Government agencies that cannot be satisfied by the current capabilities in the AFWS.

A2.2.14.6. Consolidates/advocates Air Force terrestrial and space weather requirements for future DoD space-based environmental monitoring systems. Assists HQ AF/A3O-W in conducting analyses and assessments used by the Secretary of the Air Force/Headquarters Air Force to defend service needs.

A2.2.14.7. Serves as the AFWS focal point for development of JCIDS documents needed to facilitate acquisition of capabilities to meet war fighter requirements.

A2.2.14.8. Develops Concepts of Operations (CONOPS) to define the operational exploitation of intelligence, terrestrial, Meteorological Satellite, and space environment data sources.

A2.2.14.9. Manages, monitors, and coordinates the development and execution of logistics support that fully and directly support the activities of the assigned equipment and systems throughout their lifecycle. Ensures all factors impacting logistics design and support, e.g., procurement strategy, statement of work, acceptance testing, supply support, maintenance planning, are included in the development of sustainment plans.

Evaluates the progress in achieving stated objectives by analyzing data to ensure milestones are met and deficiencies are identified.

A2.2.14.10. Identifies and develops logistics requirements for Technical Requirements Document(s) (TRD) for weather systems under acquisition and for Performance Work Statement(s) (PWS) of fielded systems Interim Contractor Support (ICS) or Contractor Logistics Support (CLS) is being procured. Co-develops weather systems' maintenance concepts and maintenance plans with the Air Force Life Cycle Management Center-Hanscom.

A2.2.14.11. Advises on fielding of newly acquired tactical and fixed base weather standard capabilities and systems. Provides logistics, sustainment, and maintenance recommendations to Lead Command Managers (LCM) and Program Managers (PM) throughout all lifecycle phases of weather systems.

A2.2.14.12. Oversees the maintenance and accounting of fielded systems through the Air Force Equipment Management System (AFEMS) including the determination of allowable authorizations of in-use equipment and support equipment needed to sustain the AFWS.

A2.2.14.13. Evaluates and tests newly acquired and modified weather systems' technical manuals and orders as Technical Order Validation and Verification Team Lead/Members.

A2.2.14.14. Coordinates and compiles logistics and funding requirements for the AFWS in the Centralized Asset Management (CAM) Program.

A2.2.14.15. Oversees and manages Support Agreements, Memorandums of Agreement, and Memorandums of Understanding between HQ USAF/A3O-W or AFWA and external agencies.

A2.2.15. LEAD COMMAND MANAGEMENT (OSC: A8F).

A2.2.15.1. Provides Lead Command Management functions including acquisition, testing, and fielding of capabilities and systems within the AFWS as directed by the AFWA Commander and in accordance with AFPD 10-9.

A2.2.15.2. Coordinates operational testing of newly acquired expeditionary and fixed weather standard capabilities/systems with program offices, users, and other stakeholders. Develops test plans, participates in operational test and evaluation, and accomplishes test reports for operational testing. Coordinates on other test activities as required. Provides testing recommendations to System Program Office (SPO) during all phases of acquisition.

A2.2.15.3. Coordinates fielding of newly acquired expeditionary and fixed weather standard capabilities and systems. Provides field guidance on maintenance, system siting, and site support/preparation. Coordinates with operational units to transition newly developed capability into operations following operational testing. Provides operations and sustainment training and procedures to operational units. Provides fielding recommendations to program manager during all phases of lifecycle management.

A2.2.15.4. Monitors health of the AFWS and provide or arrange for programmatic support to ensure users' operational needs are met.

A2.2.15.5. Provides monthly AFWS mission capability metrics to HAF/A3O-W, including performance, trend, and failure modes and effects analyses.

A2.2.15.6. Oversees the AFWS configuration following established SPO procedures. The SPO is responsible for maintaining system engineering integrity to include planning to establish and maintain configuration control and interoperability. Both the LEAD Command and the SPO must first approve any implementation of permanent modification.

A2.2.15.7. Coordinates with appropriate external Lead Commands to balance capabilities of complimentary weapons systems.

A2.2.15.8. Executes the appropriate Strategic Basing per AFI 10-503, *Strategic Basing*.

A2.2.15.9. Develops and executes appropriate programming plans in conjunction with using Commands documenting command responsibilities for new AFWS component bed down.

A2.2.16. PROGRAMS (OSC: A8P).

A2.2.16.1. Performs project management for command supported capabilities within the AFWS. Includes monitoring cost, schedule, performance, and risk management for assigned programs/projects, and other required documents for program expenditures, and works as part of an integrated product team with Contracting Officers to develop performance-based work statements, develop acquisition strategy, accomplish contract awards, and performance assessments, and monitoring.

A2.2.16.2. Manages AFWA's allocated procurement and Research, Development, Test and Evaluation (RDT&E) funding; builds execution plans, coordinates project priorities, recommends execution alternatives and funding sources, presents program and funding execution status at program reviews.

A2.2.16.3. Responsible to manage program cost, schedule and performance of AFWA Weather Forecasting RDT&E and procurement/modification projects. Includes prioritizing and determining task sources for scientific and technological capabilities projects.

A2.2.16.4. Provides Systems Engineering capabilities for AFWA via services contract(s). Coordinates with engineering functions/personnel at acquisition agencies and HQ USAF/A3O-W staff. Develops and reengineers software and hardware components.

A2.2.16.5. Performs Contracting Officer's Representative (COR) functions for assigned deliverable orders/contracts.

A2.2.16.6. Develops, coordinates, executes, and reports on AFWA Program Plans.

A2.2.16.7. Manages AFWA contract activities by monitoring contractor performance and compliance with contract specifications.

A2.2.16.8. Advocates and defends funding to support AFWS requirements through the Planning, Programming, Budgeting, and Execution process.

A2.2.16.9. Supports execution of programmatic funding through development of annual capital planning and investment control plans; monitoring commitments, obligations, and expenditures; and analysis of funding posture and projections.

A2.2.17. COMMUNICATIONS (OSC: A6).

A2.2.17.1. Ensures interests of AFWA and AFW are presented in intercommand/agency forums/discussions on communications and information issues.

A2.2.17.2. Provides intermediate and long-range planning of new communications systems, and interoperability of systems between specified and unified commands, and with DoD and other government agencies.

A2.2.17.3. Serves as agency Chief Information Officer (CIO) in accordance with AFI 33-141.

A2.2.17.4. Serves as agency Senior Intelligence Officer (SIO) in accordance with AFI 14-104.

A2.2.17.5. Serves as functional manager for enlisted cyberspace personnel assigned to AFWA.

A2.2.17.5.1. Advises the AFWA Senior Enlisted Advisor on placement and movement of enlisted cyberspace personnel within AFWA.

A2.2.17.5.2. Represents AFWA at cyberspace career field U&TWs.

A2.2.17.5.3. Coordinates with the AETC on the development of Job Qualification Standards for the maintenance of AFW systems.

A2.2.17.6. Serves as the FOA Chief Engineer. Coordinates with engineering functions/personnel at acquisition agencies and HQ USAF/A3O-W staff on engineering matters affecting the AFW enterprise. Reviews, evaluates, and assesses Engineering Change Proposals (ECPs) and advises leadership on engineering matters.

A2.2.18. WARFIGHTER SYSTEMS INTEGRATION (OSC: A6W).

A2.2.18.1. Provides information technology architecture support to AFW by assisting in the planning, design, and evaluation of meteorological systems and supporting information technology infrastructures.

A2.2.18.1.1. Provides guidance and direction on international, federal, DoD, AF, and AFW data formats and services to senior leaders, the Joint Meteorology/Oceanography (METOC) Board, Office of the Federal Coordinator for Meteorology working groups, program managers, project leads, lead command managers, and requirements managers to support AFW/AFWA decisions and program/project/WG milestones.

A2.2.18.1.2. Provides network engineering support to AFW and AFWA by analyzing network requirements, designing network architectures and infrastructure, analyzing infrastructure configurations, and providing network optimization plans for infrastructure devices.

A2.2.18.1.3. Serves as co-leads for the Joint METOC Board Architecture and Data Management Working Groups.

- A2.2.18.1.4. Representative to the Offutt AFB Telecommunications, Architecture, and Diversity working group to ensure AFW communications architecture interfaces with Offutt AFB Comm, DISA, US Strategic Command, 20 Intelligence Squadron (IS), and 97 IS.
- A2.2.18.1.5. Provides architectural services for the AFWS and AFWA. Develops and assists Systems Engineering offices within the AFW community to develop AFW architecture products. Maintains AFWS architecture product baseline for AFW Architecture Council.
- A2.2.18.2. Serves as lead for Command and Control telecommunication functions.
- A2.2.18.2.1. Serves as office of primary responsibility for validating and managing long-haul communications (LHC) requirements and services for AFWA. Provides LHC support between Air Force and Army warfighters, Joint Operations, MAJCOMs, SPOs, Air Staff, and COCOMs. Advises AFWA leadership on information system technical specifications during AFWS acquisition and sustainment activities.
- A2.2.18.2.2. Plans, projects, and implements long-haul communications budget on behalf of AFWA and its associated units. Identifies and mitigates negative budget trends affecting AFWA's fielded capability.
- A2.2.18.2.3. Serves as the focal point for Authorized Service Interruptions (ASI) and Hazard Conditions (HAZCON) for mission critical circuits affecting the AFWS.
- A2.2.18.2.4. Serves as the Command focal point for Mobile Satellite Services (MSS). Serves as overall manager of MSS assets within AFWA to ensure terminal assets are at the right place at the right time to ensure AFWA's mission is met.
- A2.2.18.2.5. Provides Telecommunication Control Officer (TCO) and Personnel Wireless Communication Systems (PWCS) lifecycle management support for AFWA on Offutt AFB.
- A2.2.18.2.6. Acts as the AFWA liaison to the AF Spectrum Management Office (AFSMO) to represent AFWA and its interest. Provides Standard Frequency Action Format (SFAF) support to Program Offices as deemed necessary by AFWA leadership.
- A2.2.18.3. Provides overall direction for IA and C&A compliance in accordance with AFI 33-200 and AFI 33-210. Assists program managers and System Program Offices in the production and review of security controls for all systems in the AFWA portfolio. This effort includes annual Federal Information Security Management Act (FISMA) requirements.
- A2.2.18.3.1. Provides direction for the development of plans to integrate and secure next generation AF Weather network operations/IA. Develops policies and procedures to direct cyber counter-threat and counter-vulnerability actions for worldwide weather information technology (IT) systems.
- A2.2.18.3.2. Administers, tracks and reports compliance on all Information Assurance Vulnerability Alerts (IAVAs), Time Compliance Network Orders

(TCNOs), and Mission Tasking Orders (MTOs) for all systems in the AFWA portfolio.

A2.2.18.4. Serves as lead for Knowledge Operations functions.

A2.2.18.4.1. Responds to request for information release under AF centralized Freedom of Information Act (FOIA) program in accordance with Headquarters Air Combat Command and local host base FOIA directives.

A2.2.18.4.2. Administers Privacy Act program in accordance with governing directives for the FOA.

A2.2.18.4.3. Develops policies and procedures for AFWA and subordinate units implementing federal laws, regulations, DoD, and AF publications regarding correspondence management, records management, publications and Information Management Tool management, reprographics, mail management, Information Collections Reports (ICR) program, Information Management, AF Portal Web Content Management, SharePoint Content Management, and information resource management.

A2.2.18.5. Provides proper protection, use, and dissemination of SCI documents and material by enforcing SCI administrative, information, personnel, physical, communications, and IA security rules and by developing standard operating procedures (SOPs) and practices.

A2.2.18.6. Serves as HQ AFWA as MAJCOM Command Control Communications and Computers Coordination Center (MCCC)/Comm focal point to interface with AFWA/A3O to resolve communication outages affecting AFW systems fielded across AF, Army, DoD, and other Federal networks. Coordinates outage resolution with appropriate agencies and analyzes problem report trends to identify systematic problems affecting the strategic processing center or any of the operational weather squadrons. The MCCC will also act as the focal point for all MAJCOM Unique systems using the AFWA network.

A2.2.19. PLANS POLICIES AND RESOURCES (OSC: A6X).

A2.2.19.1. Provides overall direction for the development of policies and procedures, as well as professional, technical, and managerial expertise, concerning communication and information systems, for AFW systems.

A2.2.19.2. Manages common-user communications issues for all AFW initiatives/programs. Troubleshoots and resolves communication related issues to include file transfer protocol (FTP), secure FTP, virtual private networks, and legacy communication relay system (LCRS). Coordinates/schedules/implements elimination of legacy dedicated circuits.

A2.2.19.2.1. Manages AFW communications programs and coordinates directly with Defense Information Systems Agency, HQ USAF, MAJCOMs, and other agencies on communication and information concepts, objectives, and requirements. Receives and refines requirements, identifies funding strategies, submits funding requests, plans projects, executes/monitors/controls through IOC, and closes projects.

- A2.2.19.2.2. Prepares and submits MOAs, MOUs, CONOPS, PSAs, and international agreements. Coordinates contract and funding actions on communication support efforts with external AF, DoD, and federal government agencies. Manages maintenance agreements and identifies impact of agreements on unit resources. Provides communications contract support (i.e. DOMSAT, distant end comm upgrades).
- A2.2.19.2.3. Coordinates testing and fielding of newly acquired expeditionary and fixed weather data non-specific standard systems/capabilities. Provides field guidance on maintenance, system siting, and site support/preparation. Coordinates with operational units to transition newly developed capability into operations following operational testing. Supports C-CS site surveys for SPO sponsored initiatives (NEXION, SEON, SCINDA, etc.). Establishes working relationship with host base communications squadrons.
- A2.2.19.3. Serves as lead for Information Technology compliance functions.
- A2.2.19.3.1. Performs IT Portfolio Management for HAF A3/5 Operations, Plans and Requirements, ensuring compliance within the Enterprise Information Technology Data Repository (EITDR). Coordinates directly with SAF/A6, SAF/AQ, HAF, MAJCOMs, respective program offices and other agencies as required to ensure portfolio compliance with federal, DoD, and AF mandates.
- A2.2.19.3.2. Performs MAJCOM Equipment Custodian Officer (MECO) duties in accordance with AFI 33-112, *Information Technology Hardware Asset Management*.
- A2.2.19.3.3. Performs Commercial Off the Shelf (COTS) Software License Management (SLM) duties in accordance with AFI 33-114, *Software Management*.
- A2.2.19.3.4. Conducts Resource Advisor (RA) and Approval Official (AO) duties for the directorate.
- A2.2.19.4. Performs project management for command supported communication-centric systems/capabilities supporting data transport between different components/nodes of the AFW enterprise in accordance with AFPD 10-9 and AFI 10-901. The systems include both enterprise infrastructure, ingest and dissemination, and tactical communications systems including, but not limited to, the AFWA Consolidated Network (ACN), Weather Product Management and Distribution System (WPMDs), Broadband Global Area Network (BGAN). Includes monitoring cost, schedule, performance, and risk management for assigned programs/projects, and other required documents for program expenditures working as part of an integrated product team with contracting officers to develop performance-based work statements, develop acquisition strategy, accomplish contract awards, and performance assessments/monitoring.
- A2.2.19.4.1. Provides Lead Command functions for weather data non-specific systems/capabilities within the Collections and Dissemination mission areas for the AFWs in accordance with AFPD 10-9.
- A2.2.19.4.2. Serves as AFW focal point for Cross Domain Solutions (CDS) deployed at HQ AFWA, OWSs, and WSs. Coordinates with Defense Intelligence Agency (DIA), National Security Agency (NSA), Defense Security Accreditation Working

Group and AF Cross Domain Solutions Element (AF CDSE) on system and site accreditation status.

A2.2.19.4.3. Manages AFWA contract activities by monitoring contractor performance and compliance with contract specifications. Performs Quality Assurance Evaluator (QAE) functions for assigned deliverable orders/contracts.

A2.2.19.4.4. Develops, coordinates, executes, and reports on AFWA Program Plans.

A2.2.19.4.5. Performs COR functions for assigned deliverable orders/contracts.

Attachment 3

RELATED DIRECTIVES

AFMD 52, *Air Force Weather Agency*, 16 March 2010: Outlines the overall mission of the FOA.

AFWAMD 5205, *1st Weather Group (1 WXG)*, 21 June 2011: Describes specific mission and organization of 1 WXG and its subordinate units.

AFWAMD 5206, *2nd Weather Group (1 WXG)*: Describes specific mission and organization of 2 WXG and its subordinate units.