

**BY ORDER OF THE COMMANDER  
AIR FORCE MATERIEL COMMAND**



**AIR FORCE MATERIEL COMMAND  
MISSION DIRECTIVE 421**

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**AIR FORCE NUCLEAR WEAPONS  
CENTER (AFNWC)**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This mission directive defines the mission of the Air Force Nuclear Weapons Center (AFNWC) and implements Air Force Instruction (AFI) 38-101, *Manpower and Organization*. This instruction applies to AFMC Regular Air Force (RegAF). This publication does not apply to the Air National Guard (ANG) and the Air Force Reserve Command (AFRC) and their units. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) AFI 33-322, Records Management and Information Governance Program, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). 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 Forms 847 from the field through the appropriate functional chain of command. This publication may be supplemented at any level, but all Supplements must be routed to the OPR of this publication for coordination prior to certification and approval. See Department of the Air Force (DAF) Instruction (DAFI) 33-360, *Publications and Forms Management*, for a description of the authorities associated with the Tier numbers. Submit requests for waivers [using a completed AF Form 679, *Air Force Publication Compliance Item Waiver Request/Approval* (or equivalent information),] through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the Publication OPR for non-tiered compliance items.

***SUMMARY OF CHANGES***

Changes reflect organizational change request approvals that: 1) Eliminated the Intercontinental Ballistic Missile (ICBM) Systems Directorate and established the Minuteman III (MMIII) Systems and Ground Based Strategic Deterrent (GBSD) Systems Directorates and 2) Addresses the AFNWC nuclear materiel management (NMM) responsibility for weapons generation facilities (WGF) and military construction (MILCON) related to the Air Force nuclear mission in AFMC.

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**1. Mission.** Deliver nuclear capabilities warfighters use every day to deter our adversaries and assure our allies.

**2. Command.**

2.1. The AFNWC Commander is responsible to the Commander, Air Force Materiel Command (AFMC). The AFNWC/CC is dual-hatted as the Air Force Program Executive Officer for Strategic Systems (AFPEO/SS) and reports in this capacity to SAF/AQ.

2.2. The AFNWC Commander exercises command over:

2.2.1. The Nuclear Command, Control and Communication (NC3) Integration Directorate (AFNWC/NC), Hanscom AFB, MA.

2.2.2. The Air Delivered Capabilities Directorate (AFNWC/ND), Kirtland AFB, NM.

2.2.3. The Nuclear Technology and Integration Directorate (AFNWC/NT), Kirtland AFB, NM.

2.2.4. The MMIII Systems Directorate (AFNWC/NM), Hill AFB, UT.:

2.2.5. The GBSD Systems Directorate (AFNWC/NX), Hill AFB, UT.:

2.3. The AFNWC/NC is dual-hatted as the Air Force Program Executive Officer for Nuclear Command, Control and Communication (AFPEO/NC3).

**3. Responsibilities.** The Commander, Air Force Nuclear Weapons Center (AFNWC/CC).

3.1. Responsible for developing necessary solutions to acquire, sustain, recapitalize, and modernize nuclear warfighting capabilities to ensure safe, secure, and effective nuclear weapon systems and related nuclear-certified systems in support of the President, as well as supporting warfighter operational objectives. IAW AFD 13-500, *Nuclear Mission Responsibilities*.

- 3.2. Assigned direct support authority to facilitate and synchronize the NMM across AFMC, to include including direct communication with Air Force Global Strike Command (AFGSC) at all levels regarding NMM.
- 3.3. Responsible for the Air Force NC3 weapon system to include authority and responsibility for weapon system architecture, weapon system configuration management, overall integration, system test, system verification and system certification. :
- 3.4. Assigned Air Force responsibility to coordinate interagency (Department of Energy/National Nuclear Security Administration) efforts to sustain and extend the life of nuclear warheads and bombs for the Air Delivered and ICBM legs of the United States Strategic Triad. :
- 3.5. Manages and integrates the WGF MILCON in direct support of AFGSC. AFNWC is also responsible for identifying all MILCON associated with AFPEO/SS and AFPEO/NC3 portfolios as well as for integrating and advocating for MILCON with NMM equities across AFMC.
- 3.6. Manages all MILCON associated with AFPEO/SS and AFPEO/NC3 portfolios.
- 3.7. Integrates and advocates for MILCON with NMM equities across AFMC.
- 3.8. Executes Air Force Nuclear Red Team assessments of all AF nuclear systems to include the Air Delivered and ICBM legs of the triad as well as NC3.
- 3.9. Executes nuclear certification of Air Force and allied delivery systems and support equipment.

JOHN W. SNODGRASS, SES  
Director, Manpower, Personnel and Services

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

AFPD 13-5, *Air Force Nuclear Mission*, 17 July 2018

AFI 13-500, *Air Force Nuclear Mission Responsibilities*, 14 November 2018

AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

AFI 38-101, *Manpower and organization*, 29 August 2019

DAFI 33-360, *Publications and Forms Management*, 21 October 2020

***Prescribed Forms***

None

***Adopted Forms***

None

***Abbreviations and Acronyms***

**AF**—Air Force

**AFB**—Air Force Base

**AFGSC**—Air Force Global Strike Command

**AFMAN**—Air Force Manual

**AFMC**—Air Force Materiel Command

**AFNWC**—Air Force Nuclear Weapons Center

**AFPEO**—Air Force Program Executive Officer

**AFRIMS**—Air Force Records Information Management System

**GBSD**—Ground Based Strategic Deterrent

**IAW**—In Accordance With

**ICBM**—Intercontinental Ballistic Missile

**MILCON**—Military Construction

**MMIII**—Minuteman III ICBM

**NC3**—Nuclear Command, Control, and Communications

**NMM**—Nuclear Materiel Management

**OPR**—Office of Primary Responsibility

**PEO**—Program Executive Officer

**RDS**—Records Disposition Schedule

**SS**—Strategic Systems

**WGF**—Weapons Generation Facility

***Terms***

**DAFI**—Department of the Air Force Instruction