

**BY ORDER OF THE
SECRETARY OF THE AIR FORCE**

AIR FORCE POLICY DIRECTIVE 13-5

17 JULY 2018



***Nuclear, Space, Missile, Command and
Control***

AIR FORCE NUCLEAR MISSION

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This Directive implements Department of Defense (DoD) Directive (DoDD) 3150.01, *Joint DoD-Department Of Energy/National Nuclear Security Administration (DoD-DOE/NNSA) Nuclear Weapon Life-Cycle Activities*, DoD Instruction (DoDI) S-3730.01, *Nuclear Command, Control, and Communications (NC3) System*, DoDM 5030.55, *DoD Procedures for Joint DoD-Department of Energy/National Nuclear Security Administration (DOE/NNSA) Nuclear Weapon Life-Cycle Activities*, DoDI 5210.42, *DoD Nuclear Weapons Personnel Reliability Assurance*, DoDD S-5210.81, *(U) United States Nuclear Weapons Command and Control, Safety and Security*. This Directive is consistent with DoDD 2060.02, *Department of Defense Combating Weapons of Mass Destruction (WMD) Policy*, DoDI 2060.03, *Application of the National Security Exclusion to the Agreements Between the United States of America and the International Atomic Energy Agency for the Application of Safeguards in the United States of America*, DoDD 2060.1, *Implementation of, and Compliance with, Arms Control Agreements*, DoDI 3150.09, *The Chemical, Biological, Radiological and Nuclear (CBRN) Survivability Policy*, DoDD S-3710.01, *(U) National Leadership Command Capability (NLCC)*, DoDD 4500.54E, *DoD Foreign Clearance Program (FCP)*, DoDD 5160.05E, *Roles and Responsibilities Associated with the Chemical and Biological Defense Program (CBDP)*, and DoDI 5210.88, *Security Standards for Safeguarding Biological Select Agents and Toxins (BSAT)*. This Air Force Policy Directive establishes Air Force policy for the management of the Air Force nuclear mission. This Directive applies to all Regular Air Force, Air National Guard of the United States (U.S.), Air Force Reserve, Department of the Air Force civilian personnel, and contractors, if included in the applicable contract, tasked with the responsibility to operate, maintain, control, secure, inspect, manage, and account for nuclear equipment and accomplish nuclear-related tasks. Refer recommended changes and questions about this publication to the

Office of Primary Responsibility using the Air Force Form 847, *Recommendation for Change of Publication*; route Air Force Forms 847 from the field through the appropriate functional chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW Air Force Records Information Management System Records Disposition Schedule. This Directive may not be supplemented.

SUMMARY OF CHANGES

This document has been substantially revised and must be completely reviewed. Major changes include renaming the publication title from “Air Force Nuclear Enterprise” to “Air Force Nuclear Mission,” moving Air Force nuclear mission roles and responsibilities, governing bodies, and key functions to Air Force Instruction (AFI) 13-500, *Air Force Nuclear Mission Responsibilities*, and correcting Headquarters Air Force (HAF) organizational names.

1. Background.

1.1. **Air Force Nuclear Operations** . Nuclear operations are that portion of the range of military operations pertaining to nuclear weapons and include deterrence, crisis response, strike, assessment, and return to stability. Air Force nuclear operations comprise weapons, weapon delivery systems, and forces that conduct nuclear command and control; operate, sustain, maintain, and secure nuclear weapons; provide nuclear weapons surety across the stockpile-to-target sequence; and support the Air Force nuclear mission as a whole.

1.2. **Air Force Nuclear Mission.** The Air Force nuclear mission consists of the people, organizations, processes, procedures, and systems conducting, executing, and supporting nuclear operations, and developing and implementing nuclear policy and guidance. Reference AFI 13-500 for a description of the major deliberative bodies of the Air Force Nuclear Governance Structure and a description of key nuclear mission functions.

2. Air Force Nuclear Mission Policy. At the Service level, the Air Force organizes, trains, and equips nuclear forces for day-to-day capabilities to support combatant commander requirements. At the national level, Air Force nuclear operations support national security goals of deterring adversaries from attacking the U.S. and its interests with nuclear weapons, other weapons of mass destruction, and large-scale forces; promoting non-proliferation efforts; assuring allies and partners of our capability to protect them; and defeating adversaries. It is Air Force policy that the Service:

2.1. Presents forces to combatant commanders to deter adversaries, assure allies and partners, extend deterrence on behalf of allies and partners, and conduct nuclear operations.

2.2. Organizes, trains, and equips those personnel, weapons systems (i.e., intercontinental ballistic missiles; dual capable long-range bombers; dual capable fighters; tankers; and nuclear command control and communications), support forces (e.g., space, missile warning, and communications systems; and airlift, reconnaissance/surveillance, and command and control assets), and support infrastructure (e.g., wing command posts and mobile support teams) required to conduct robust, reliable, flexible, and survivable nuclear operations in support of U.S. national security objectives and U.S. Government international agreements.

2.3. Develops and implements nuclear weapons surety policies, procedures, controls, and actions to contribute to the reliability and safety of nuclear weapons and ensure the absence of nuclear weapon accidents, incidents, unauthorized detonations, or degradation of weapon effectiveness during the stockpile-to-target sequence of the nuclear weapon.

2.4. Promotes a culture of accountability, self-assessment, and uncompromising performance. Within the context of the nuclear mission, accountability is the acknowledgment and assumption of responsibility for nuclear-related actions, decisions, and policies and includes authority, administration, and implementation. Accountability encompasses the obligation to report to appropriate authorities any incidents that are inconsistent with existing Air Force policies and instructions including, but not limited to, AFI 1-1, *Air Force Standards*.

2.5. Advocates for the necessary investments and resources to sustain, modernize, and recapitalize nuclear forces and supporting infrastructure.

2.6. Provides oversight of, and reports on the safety, security, reliability, effectiveness, and credibility of the nuclear mission through periodic, comprehensive Nuclear Mission Assessments.

3. Roles and Responsibilities. Refer to AFI 13-500 for Air Force nuclear mission roles and responsibilities specific to applicable organizations.

3.1. **Secretary of the Air Force (SecAF)** . The SecAF, or his/her designee, formulates Air Force nuclear policies and programs consistent with national security objectives, implements nuclear policy, program, and budget decisions, and fulfills combatant command operational requirements found in Title 10 United States Code (USC) § 8013, *Secretary of the Air Force*. The SecAF provides authority, direction, and control for the Chief of Staff of the Air Force (CSAF) in executing responsibilities for the nuclear deterrence mission found in 10 USC § 8040, *Oversight of Nuclear Deterrence Mission*. The SecAF develops policy, guidance, and procedures for response task force operating requirements found in DoDD 3150.08, *DoD Response to Nuclear and Radiological Incidents*, and ensures the surety of all nuclear weapons and weapon systems for which the Air Force has a life-cycle management responsibility.

3.2. **Chief of Staff of the Air Force (CSAF)** . The CSAF carries out SecAF-approved plans and recommendations of the Air Staff pertaining to the Air Force nuclear mission IAW 10 USC § 8033, *Chief of Staff*. Subject to the authority, direction, and control of the SecAF, the CSAF is responsible for overseeing the safety, security, reliability, effectiveness, and credibility of the nuclear deterrence mission of the Air Force IAW 10 USC § 8040. Further, the CSAF assigns responsibilities and establishes supported and supporting relationships among subordinate organizations that operate or support nuclear weapons and nuclear weapons systems through this policy directive.

3.3. **Under Secretary of the Air Force (USecAF)**. The USecAF is responsible to provide Secretariat executive-level representation of the Air Force nuclear mission. The USecAF contributes to the development of nuclear policy and strategy, identification of funding options and solutions, and sustainment of nuclear career fields. The USecAF advocates for the nuclear mission at all levels of the U.S. Government.

3.4. Commander, Air Force Global Strike Command (AFGSC). Commander, AFGSC serves as the single accountable officer to the SecAF and the CSAF for all aspects of the Air Force nuclear mission, specifically those forces in support of United States Strategic Command. Reference Public Law 114-92, *National Defense Authorization Act for Fiscal Year 2016*.

3.5. Deputy Chief of Staff, Strategic Deterrence and Nuclear Integration (AF/A10). AF/A10 serves as the HAF accountable officer responsible to the SecAF and the CSAF for the Air Force nuclear mission IAW HAF Mission Directive (MD) 1-60, *Deputy Chief of Staff of the Air Force, Strategic Deterrence and Nuclear Integration*. AF/A10 provides direction, guidance, integration, and advocacy regarding the nuclear deterrence mission of the Air Force IAW 10 USC § 8040. AF/A10 retains higher headquarters responsibility for national leadership command capability/nuclear command, control, and communications policy, strategy, and planning IAW Air Force, DoD, and Chairman of the Joint Chiefs of Staff policies. AF/A10 provides guidance for all organizations with nuclear weapons or responsibilities and authorities for systems supporting nuclear operations. This guidance may pertain to implementing national-level directives as directed by SecAF/CSAF and includes the safety, security, reliability, and effectiveness of Air Force nuclear weapons and nuclear weapons systems, planning, strategy, and policy development, and assessment of Air Force nuclear mission activities.

3.5.1. As codified in AFPD 16-6, *International Arms Control and Nonproliferation Agreements and the DoD Foreign Clearance Program*, and HAF MD 1-60, the SecAF has delegated to AF/A10 the responsibility to serve as Executive Agent for the DoD Foreign Clearance Program IAW DoDD 4500.54E.

3.6. Deputy Chief of Staff, Manpower, Personnel, and Services (AF/A1). The directorate manages personnel performing nuclear-related duties and/or assigned to key nuclear billets and is responsible for approval of personnel policies.

3.7. Deputy Chief of Staff, Intelligence, Surveillance, and Reconnaissance (AF/A2). The directorate executes policy formulation, planning, evaluation, oversight, and leadership of Air Force intelligence, surveillance, and reconnaissance capabilities for the purpose of supporting intelligence requirements for global Air Force nuclear operations.

3.8. Deputy Chief of Staff, Operations (AF/A3). The directorate organizes, trains, and equips nuclear forces for Joint warfighters and provides near real-time, accurate, and relevant solutions to nuclear operational challenges and requirements.

3.9. Deputy Chief of Staff for Logistics, Engineering, and Force Protection (AF/A4). The directorate provides leadership, management, human capital development, and integration of Air Force engineering; logistics readiness; security forces; materiel management; transportation; and aircraft, nuclear weapons, munitions, and missile maintenance relevant to the nuclear mission. The directorate is responsible to advocate for military construction, facilities sustainment, restoration and maintenance, and base operations support requirements for the Air Force nuclear mission.

3.10. Deputy Chief of Staff for Strategic Plans and Requirements (AF/A5/8). As lead for the Air Force's strategy, planning, and programming process, the directorate is responsible for integrating nuclear planning and programming requirements into Air Force

resource allocation and planning, programming, budgeting, and execution policy and guidance as well as Air Force strategy, planning, and programming process activities.

3.11. **Director, Studies, Analyses, and Assessments (AF/A9).** The directorate integrates studies, analyses, and assessments of programs, plans, and operations related to the Air Force nuclear mission.

3.12. **Air Force Chief of Safety (AF/SE) and Air Force Safety Center (AFSEC) Commander.** AF/SE (Commander, AFSEC) provides capabilities to identify, assess, and mitigate strategic, operational, and tactical risks to the safe accomplishment of the nuclear mission.

3.13. **Air Force Surgeon General (AF/SG).** AF/SG is responsible to identify forces medically fit for duty in the Air Force nuclear mission, improve the health and wellness of those performing the Air Force nuclear mission, and provide medics competent to advise commanders regarding the Air Force nuclear mission.

3.14. **Director, Air Force Test and Evaluation (AF/TE).** The directorate oversees test and evaluation of Air Force nuclear weapons delivery systems IAW AFI 99-103, *Capabilities-Based Test and Evaluation*.

3.15. **Administrative Assistant to the Secretary of the Air Force (SAF/AA).** SAF/AA provides oversight for accountability, training, and delivery of accurate guidance for the handling, safeguarding, protecting, or releasing of nuclear-related information pursuant to Title 42 USC 2011 et seq., *Atomic Energy Act of 1954*, 10 Code of Federal Regulations Part 1045, *Nuclear Classification and Declassification*, and DoDI 5210.02, *Access to and Dissemination of Restricted Data and Formerly Restricted Data*. SAF/AA also serves as the Restricted Data Management Official on behalf of the Air Force nuclear mission.

3.16. **Assistant Secretary of the Air Force for Acquisition, Technology and Logistics (SAF/AQ).** SAF/AQ leads the acquisition (i.e., research, development, production, and support) of Air Force nuclear weapons delivery systems and related materiel, in coordination with federal agencies, for which the Air Force has life cycle management responsibility IAW DoDD 5000.01, *The Defense Acquisition System*, and DoDI 5000.02, *Operation of the Defense Acquisition System*. SAF/AQ delivers solutions to sustain, modernize, and recapitalize nuclear warfighting capabilities and ensures robust, reliable, flexible, and survivable nuclear weapons delivery systems and related nuclear certified delivery systems in support of the President of the United States and combatant commanders.

3.17. **Chief, Information Dominance and Chief Information Officer (SAF/CIO A6).** SAF/CIO A6 provides warfighting integration and net-centric advocacy supporting resourcing and delivery of Air Force nuclear command, control, and communications system capabilities, equipment to warfighters, and sustainment to the Air Force nuclear mission.

3.18. **Inspector General of the Air Force (SAF/IG).** SAF/IG develops Air Force nuclear inspection processes; ensures consistent nuclear inspection standards; and assesses the readiness, economy, efficiency, and the state of discipline of the Air Force nuclear mission.

3.19. **Deputy Under Secretary (Space) (SAF/SP).** SAF/SP, as the HAF focal point for space, supports the SecAF in all matters pertaining to both the Air Force and the National Security Space Enterprise, and oversees Air Force integration with the National Security

Space Enterprise, including those Space Enterprise capabilities directly supporting the Air Force nuclear mission. The directorate oversees all Air Force departmental space matters, including policies, strategies, plans, programming, and architecture assessment across the Space Enterprise. This includes space capabilities performing Integrated Tactical Warning and Attack Assessment and survivable/endurable NC3 systems in support of the Air Force nuclear mission.

3.20. **Major Commands and Field Operating Agencies.** These organizations will fulfill the responsibilities assigned to them in AFI 13-500.

HEATHER WILSON
Secretary of the Air Force

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

DoDD 3150.01, *Joint DoD-Department Of Energy/National Nuclear Security Administration (DoD-DOE/NNSA) Nuclear Weapon Life-Cycle Activities*, 4 August 2016

DoDI S-3730.01, *Nuclear Command, Control and Communications (NC3) System (U)*, 6 November 2015

DoDM 5030.55, *DoD Procedures for Joint DoD-Department of Energy/National Nuclear Security Administration (DOE/NNSA) Nuclear Weapon Life-Cycle Activities*, 26 January 2018

DoDI 5210.42, *DoD Nuclear Weapons Personnel Reliability Assurance*, 27 April 2016 (Incorporating Change 1, 14 November 2017)

DoDD S-5210.81, *(U) United States Nuclear Weapons Command and Control, Safety, and Security*, 24 April 2017

DoDD 2060.02, *DoD Countering Weapons of Mass Destruction (WMD) Policy*, 27 January 2017

DoDI 2060.03, *Application of the National Security Exclusion to the Agreements Between the United States of America and the International Atomic Energy Agency for the Application of Safeguards in the United States of America*, 13 November 2008

DoDD 2060.1, *Implementation of, and Compliance with, Arms Control Agreements*, 9 January 2001 (certified current as of 24 November 2003)

DoDI 3150.09, *The Chemical, Biological, Radiological, and Nuclear (CBRN) Survivability Policy*, 8 April 2015

DoDD S-3710.01, *(U) National Leadership Command Capability (NLCC)*, 27 May 2015

DoDD 4500.54E, *DoD Foreign Clearance Program (FCP)*, 28 December 2009 (Incorporating Change 1, 24 May 2017)

DoDD 5160.05E, *Roles and Responsibilities Associated with the Chemical and Biological Defense Program (CBDP)*, 8 September 2017

DoDI 5210.88, *Security Standards for Safeguarding Biological Select Agents and Toxins (BSAT)*, 19 January 2016 (Incorporating Change 1, 6 October 2017)

AFMAN 33-363, *Management of Records*, 1 March 2008 (Guidance Memorandum, 2 June 2017)

AFI 13-500, *Air Force Nuclear Mission Responsibilities* (reference AFGM 2018-13-02 until published)

AFI 1-1, *Air Force Standards*, 7 August 2012 (Incorporating Change 1, 12 November 2014)

10 USC § 8013, *Secretary of the Air Force*, 10 August 1956

10 USC § 8040, *Oversight of Nuclear Deterrence Mission*, 25 November 2015

DoDD 3150.08, *DoD Response to Nuclear and Radiological Incidents*, 20 January 2010

10 USC § 8033, *Chief of Staff*, 10 August 1956

Public Law 114-92, *National Defense Authorization Act for Fiscal Year 2016*, 25 November 2015

HAF MD 1-60, *Deputy Chief of Staff of the Air Force, Strategic Deterrence and Nuclear Integration*, 22 June 2017

AFPD 16-6, *International Arms Control and Nonproliferation Agreements and the DoD Foreign Clearance Program*, 27 March 2018

AFI 99-103, *Capabilities-Based Test and Evaluation*, 6 April 2017

42 USC § 2011 et seq., *Atomic Energy Act of 1954*, 30 August 1954

10 Code of Federal Regulations Part 1045, *Nuclear Classification and Declassification*, 31 December 1997

DoDI 5210.02, *Access to and Dissemination of Restricted Data and Formerly Restricted Data*, 3 June 2011 (Incorporating Change 1, 25 October 2017)

DoDD 5000.01, *The Defense Acquisition System*, 12 May 2003 (Certified current as of 20 November 2007)

DoDI 5000.02, *Operation of the Defense Acquisition System*, 7 January 2015 (Incorporating Change 3, 10 August 2017)

Adopted Forms

Air Force Form 847, *Recommendation for Change of Publication*, 22 September 2009

Abbreviations and Acronyms

AFGSC—Air Force Global Strike Command

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFSEC—Air Force Safety Center

CSAF—Chief of Staff of the Air Force

DoD—Department of Defense

DoDD—Department of Defense Directive

DoDI—Department of Defense Instruction

HAF—Headquarters Air Force

IAW—In Accordance With

MD—Mission Directive

SecAF—Secretary of the Air Force

U.S—United States

USC—United States Code

USecAF—Under Secretary of the Air Force