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SECRETARY OF THE AIR FORCE**

AIR FORCE MISSION DIRECTIVE 44

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Safety

AIR FORCE SAFETY CENTER

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This Directive states the mission, defines the command structure, and establishes the functional responsibilities of the Air Force Safety Center (AFSEC), a Field Operating Agency (FOA).

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SUMMARY OF CHANGES

This document is substantially revised and must be completely reviewed. This document is revised to reflect the current organization designation and requirements.

1. Mission. The mission of the AFSEC is to develop policy, provide guidance, analytical support, education, training, and oversight in support of the Chief of Safety's (AF/SE) responsibilities under Title 10 United States Code Section 9033, *Chief of Staff [of the Air Force]*. This includes proactive management of aviation, occupational safety, motor vehicle, off-duty activities, space, and weapons (conventional, directed energy, and nuclear) programs and emerging safety technology as detailed in U.S., Department of Defense (DoD), and Department of the Air Force (DAF)

directives and instructions; to include Title 5 United States Code Section 7902, *Safety Programs*, Title 29 United States Code Section 668, *Programs of Federal Agencies*, Department of Defense Directive (DoDD) 5000.01, *The Defense Acquisition System*, Department of Defense Instruction (DoDI) 6055.01, *DoD Safety and Occupational Health (SOH) Program*, DoDI 6055.04, *DoD Motor Vehicle and Traffic Safety*, DoDI 6055.07, *Mishap Notification, Investigation, Reporting, and Record Keeping*, DoDI 6055.16, *Explosives Safety Management Program*, DoDI 6055.19, *Aviation Hazard Identification and Risk Assessment Programs (AHIRAPs)*, and Headquarters Mission Directive 1-46, *Chief of Safety*. Furthermore, AFSEC collaborates with DAF nuclear stakeholders to implement a nuclear weapons systems safety and surety program as part of the overall Air Force Nuclear Surety Program, as directed by DoDD 3150.02, *DoD Nuclear Weapons Surety Program* and Department of Defense Manual 3150.02, *DoD Nuclear Weapon System Safety Program Manual*. The overarching goals of these programs are to ensure the safety of Airmen and Guardians by identifying and mitigating hazards and to preserve DAF resources through an active mishap prevention program. AFSEC achieves this through the Air Force Safety Management System (AFSMS), which promotes safe practices, eliminates mission-hindering hazards, provides DAF-level training and education, and fosters a safety-conscious culture within the Air Force.

2. Command. The AFSEC Commander, dual-hatted as the Chief of Safety, reports directly to the Chief of Staff of the Air Force and supports the Chief of Space Operations. The AFSEC Commander is responsible for providing oversight to United States Air Force (USAF) and United States Space Force (USSF) Safety programs, AFSEC programs, personnel, manpower, budget, contract administration, knowledge operations, facilities, and resources at large. The Deputy Commander handles AFSEC's day-to-day operations at the Center.

3. Responsibilities.

3.1. Provides technical subject matter expertise to establish policy and develop, maintain, and provide interpretation of DAF-level guidance regarding safety programs, mishap prevention, mishap investigation, risk management, and nuclear safety and surety.

3.1.1. The four operational safety divisions (aviation, occupational, space, and weapons) oversee all 91-series, and assigned 90-series publications.

3.1.2. In accordance with DAFI 90-302, *The Inspection System of the Department of the Air Force*, as Pertinent Oversight Authorities, the operational safety divisions are responsible for the management and oversight of their assigned functional areas and programs.

3.1.3. In accordance with Department of the Air Force Manual 90-161, *Publishing Processes and Procedures*, as OPR, the operational safety divisions serve as the "owner" of the documents that prescribes policy, guidance, and procedures within their functional area.

3.2. Provides policy and guidance to organize safety activities and mishap prevention programs within the AFSMS construct.

3.3. Develops and manages DAF-level proactive safety programs including but not limited to the Airman Safety Action Program (ASAP), Bird/Wildlife Aircraft Strike Hazard (BASH), Line Operations Safety Audit (LOSA), Military Flight Operations Quality Assurance (MFOQA), and Safety Report (SAFEREP) to encourage safe practices and aid in mishap prevention.

- 3.4. Provides content management authority regarding safety in USAF and USSF Inspector General guidance.
- 3.5. Develops and maintains DAF guidance governing Nuclear Safety Program management, working in coordination with additional nuclear surety stakeholders such as Headquarters Air Force, Deputy Chief of Staff Strategic Deterrence and Nuclear Integration (AF/A10), HQSF COO/S10 (when appropriate), Major Commands (MAJCOMs) and Field Commands (FLDCOMs), technical subject matter expert organizations, and external DoD entities to implement DoD Nuclear Surety policy.
- 3.6. Provides Nuclear Safety Certification through independent technical analysis for all nuclear weapon system-related hardware, software, facilities, and equipment.
- 3.7. Provides certification of nonnuclear munitions and explosives in the DAF inventory.
- 3.8. Provides DAF guidance and framework to support operational risk acceptance decisions as required by the Department of Defense Explosives Safety Board.
- 3.9. Ensures DAF compliance in accordance with public law, national consensus standards (as defined in Title 29 United States Code Section 652, *[Occupational Safety and Health] Definitions*, and DoD policy.
- 3.9.1. Monitors USAF and USSF Safety programs for compliance in accordance with Occupational Safety and Health Act of 1970, Title 29 United States Code Section(s) 651-678, as applicable.
- 3.9.2. Conducts independent evaluations for Commanders of MAJCOMs, FLDCOMs, FOAs, and Direct Reporting Units (DRUs) safety, mishap prevention, and nuclear surety programs to ensure adherence with DAF guidance.
- 3.10. Develops, maintains, and supervises the use of Information Technology, including the Air Force Safety Automated System (AFSAS). Plans, programs, and budgets to introduce technology improvements for future AFSAS operations, including the development, sustainment, operations, and training of this system. AFSAS is an information management system supporting hazard and mishap notification, analysis, report documentation, tracking, and trending, as well as the development of annual and mishap reports as required by 5 USC § 7902, DoDI 6055.07, *Mishap Notification, Investigation, Reporting, and Record Keeping*, DoDI 8500.01, *Cybersecurity*, DoDI 8510.01, *Risk Management Framework for DoD Systems*, and Air Force Policy Directive 91-2, *Safety Programs*.
- 3.11. Develops, manages, and conducts education and training to improve subject matter expertise in aviation, occupational, space, system, and conventional/nuclear weapons safety programs, as well as the disciplines of human factors mishap investigation/assessment and safety privilege, to enhance safety knowledge, skills, and abilities, and preserve combat readiness.
- 3.12. Sets strategic direction for DAF safety tied to human performance, human decision making, human factors, risk management, organizational culture, and human interaction with machines.
- 3.13. Enhances world-wide current and future mishap prevention through the enabling of partnership building and collaboration with allied nations as required by AFI 16-105_IP, *Joint Security Cooperation Education and Training*.

- 3.14. Provides DAF-level review of mishap investigation (and applicable hazard) reports, tracks action regarding mishap recommendations, and provides trending analyses on USAF and USSF mishaps using the AFSEC-administered AFSAS.
- 3.15. Protects and controls the use of DoD Privileged Safety Information as required by DoDI 6055.07, and DoDI 5200.48, *Controlled Unclassified Information*.
- 3.16. Maintains and manages access to safety investigation reports to include but not limited to, Freedom of Information Act 5 USC Sections 552-552a, and litigation requests pursuant to Federal law and DAF record keeping guidance, coordinating with affected DAF agencies, Major Commands, and Field Commands when appropriate to protect DAF and DoD interests.
- 3.17. Develops, coordinates, and implements communications plans to promote Risk Management and affect a positive safety culture. Builds public trust and support through timely release of accurate, relevant information in support of the Chief of Safety and the AFSEC mission.
- 3.18. Provides policy and guidance to implement system safety throughout the life cycle of a system in accordance with DoDD 5000.01, *The Defense Acquisition System* and Military Standard 882E, *Department of Defense Standard Practice: System Safety*.
- 3.19. Provides subject matter expertise and executes duties as assigned on behalf of the DoD regarding space safety.
- 3.19.1. Provides DoD OPRs to the Interagency Nuclear Safety Review Board (in coordination with the Department of Energy, Department of State, Department of Transportation, Environmental Protection Agency, National Aeronautics and Space Administration (NASA), and Nuclear Regulatory Commission).
 - 3.19.2. Provides DoD OPRs to the Quad-agency Working Group (in coordination with the Federal Aviation Administration, NASA, and the National Transportation Safety Board).
- 3.20. Provides representation to safety boards, including safety boards external to the DAF as identified by the Chief of Safety.
- 3.21. Provide engineering technical assistance to safety boards to include data analysis and animation production.
- 3.22. Administers the DAF Safety Awards Program.

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Chief of Safety