

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

**DEPARTMENT OF THE AIR FORCE  
POLICY DIRECTIVE 91-2**



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**Safety**

**SAFETY PROGRAMS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This Department of the Air Force Policy Directive (DAFPD) implements Department of Defense (DoD) Directive (DoDD) 6055.09E, *Explosives Safety Management (ESM)*, DoD Instruction (DoDI) 4140.62, *Material Potentially Presenting An Explosive Hazard (MPPEH)*, DoDI 4145.26, *DoD Contractors' Safety Requirements for Ammunition and Explosives*, 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*, and DoDI 6055.19, *Aviation Hazard Identification and Risk Assessment Programs (AHIRAPs)*. This DAFPД is consistent with DoDD 4715.11, *Environmental and Explosives Safety Management on Operational Ranges Within the United States*, DoDD 4715.12, *Environmental and Explosives Safety Management on Operational Ranges Outside the United States*, DoDD 5000.01, *The Defense Acquisition System*, DoDI 5000.69, *Joint Services Weapon and Laser System Safety Review Processes*, DoDI 6050.05, *DoD Hazard Communication (HAZCOM) Program*, DoDI 6055.05, *Occupational and Environmental Health (OEH)*, DoDI 6055.11, *Protecting Personnel from Electromagnetic Fields*, DoDI 6055.15, *DoD Laser Protection Program for Military Lasers*, Air Force Policy Directive (AFPД) 13-6, *Space Policy*, AFPД 63-1/20-1, *Integrated Life Cycle Management*, and AFPД 90-8, *Environmental, Safety & Occupational Health Management and Risk Management*. This publication applies to the entire Department of the Air Force (DAF), including all civilian employees and uniformed members of the Regular Air Force, the Air Force Reserve, the Air

National Guard, the United States Space Force, the Civil Air Patrol when conducting missions as the official Air Force Auxiliary, and those with a contractual obligation to abide by the terms of DAF publications. This DAFPD may not be supplemented.

Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction (AFI) 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) using the Department of the Air Force (DAF) Form 847, *Recommendation for Change of Publication*.

## ***SUMMARY OF CHANGES***

This document has been substantially revised and needs to be completely reviewed. Major changes include application to the United States Space Force and updated language detailing DAF safety policy. Nuclear Surety responsibilities were removed and are addressed in AFD 91-1, *Nuclear Weapons and Systems Surety*.

**1. Overview.** DAF leadership is committed to providing safe environments for DAF personnel and those affected by DAF operations. This directive describes the policies, roles, and responsibilities that form the DAF safety framework and enable efficient and effective management of its safety programs. Additionally, it enables the DAF's capability to identify and mitigate hazards, investigate mishaps, prevent mishaps, and provide necessary safety training.

### **2. Policy. The DAF will:**

2.1. Conduct Risk Management (RM) to protect DoD personnel from accidental death, injury, or occupational illness, protect DoD property from damage, and protect the public from risk of death, injury, illness, or property damage because of DAF activities.

2.1.1. Make informed risk decisions in accordance with mission objectives and priorities to eliminate, reduce, or accept risk in all military operations, planning, and activities, including but not limited to acquisition, procurement, logistics, information technology, facility management, and preservation of resources/assets both on and off duty.

2.1.2. Conducting DoD operations and achieving mission objectives involve risk and can be inherently dangerous. The elimination of danger is not always achievable.

2.2. Comply with federal statutory and regulatory requirements and higher authority policy directives. Meet all federal mishap prevention objectives and safety provisions contained in applicable Status of Forces Agreements.

2.2.1. Establish, resource, implement, and maintain DoD directed and other safety programs and management systems.

2.2.2. Apply DAF occupational safety standards in all areas except where otherwise prescribed or specified in Status of Forces Agreements, or where specifically exempted.

2.3. Provide mishap prevention, conduct mishap investigations, and protect privileged safety information.

2.3.1. Safety mishap investigations will have priority over all other related investigations of a mishap unless criminal activity is suspected as causal.

2.3.2. Safety investigations will focus solely on mishap prevention. Safety reports and their attachments, or privileged information extracted from them, will not be used as evidence for punitive, disciplinary, or adverse administrative actions, including determining the misconduct or line-of-duty status of any personnel, or as evidence in a flying evaluation board, or to determine liability in administrative claims or litigation, whether for or against the Government.

2.4. Deliver Safety Education and Training. The DAF is responsible for educating and training all employees in occupational safety. This training will be integrated into job training programs when possible.

2.5. Promote safety awareness. Establish means, processes, procedures, and communications that are used to develop, sustain, and improve DAF safety and influence behaviors.

### 3. Responsibilities.

3.1. The Assistant Secretary of the Air Force for Energy, Installations, and Environment (SAF/IE) is responsible for providing guidance, direction, and oversight for all matters pertaining to the formulation, review, and execution of plans, policies, programs, budgets, and DAF positions regarding federal and state legislation and regulations related to occupational safety and health policy matters as delegated by Secretary of the Air Force (SecAF) in Headquarters Air Force Mission Directive (HAFMD) 1-18, *Assistant Secretary of the Air Force (Installations, Environment and Energy)*.

3.2. The Assistant Secretary of the Air Force for Acquisition, Technology, and Logistics (SAF/AQ) and the Assistant Secretary of the Air Force for Space Acquisition and Integration (SAF/SQ) will:

3.2.1. Ensure the DAF implementation of the Defense Acquisition System manages safety risks and requirements to minimize mishaps including the injury to or loss of Service members and degradation of their equipment.

3.2.2. Integrate safety policy, including Human System Integration policies that relate to the Safety Occupational Health domain, into the oversight and execution of the Defense Acquisition System.

3.3. The Chief of Safety (AF/SE) will:

3.3.1. Be responsible for the authorities as delegated by the SecAF in HAFMD 1-46, *Chief of Safety*, which includes the formation of safety policy, establishment, and oversight of programs to implement DAF safety policies and plans, providing instructions for field level programs, and feedback on effectiveness of mishap prevention efforts.

3.3.2. Establish the DAF Mishap Prevention Program and guidance for conducting mishap investigations.

3.3.3. Establish guidance to implement risk management to identify and mitigate risks to ensure successful mission accomplishment. Risk management processes are intended for use in all military operations, planning, and activities, including but not limited to

acquisition, procurement, logistics, information technology, facility management, and preservation of resources/assets both on and off duty.

3.3.4. Establish system safety guidance for the design, development, test, procurement, and operations of DAF systems and end items.

3.3.5. Establish guidance to implement SOH and motor vehicle safety programs.

3.3.6. Establish guidance to implement safety explosives programs to protect people and property from the unintentional, potentially damaging effects of DoD military munitions.

3.3.7. Establish guidance to conduct the management and disposition of MPPEH, material documented as an explosive hazard, and material documented as safe.

3.3.8. Assign an officer or member of the civil service to the DoD Explosives Safety Board staff as the DAF representative on a full-time basis.

3.3.9. Exercise the discretion given to the SecAF in DoDI 6055.07 regarding protection and use of privileged safety information and promises of confidentiality.

3.3.10. Serve as the Air Force Safety Center (AFSEC) Commander.

#### 3.4. The AFSEC will:

3.4.1. Develop and manage DAF-level proactive safety programs to encourage safe practices, aid in mishap prevention, and enable mission success.

3.4.2. Manage the DAF Mishap Prevention Program and develop the DAF mishap investigation processes.

3.4.3. Develop risk management processes to implement the risk management policy defined in paragraphs [2.1](#) – [2.1.2](#).

3.4.4. Establish guidance to use AHIRAPs to identify hazards, quantify risks, and mitigate hazards associated with flight operations.

3.4.5. Implement and maintain a DAF enterprise information management system supporting hazard and mishap notifications, investigations, analysis, documentation, tracking, trending, and recommendations.

3.4.6. Develop the DAF SOH management system processes and the DAF Traffic Safety program for implementation across all DAF operations and activities.

3.4.7. Develop DAF Explosives Safety Management Programs and processes.

3.4.8. Prescribe ammunition and explosives safety standards and provides guidance on enforcement for work performed under DAF contracts.

3.4.9. Establish guidance to conduct the management and disposition of MPPEH, material documented as an explosive hazard, and material documented as safe, in a manner that supports operational readiness and mission requirements.

3.4.10. Provide certification of nonnuclear munitions and explosives in the DAF inventory and develop DAF guidance to support operational risk acceptance decisions in accordance with DoD policy.

3.4.11. Develop and conduct safety education and training to improve subject matter expertise in all safety disciplines to preserve combat readiness.

3.4.12. Protect and control the use and handling of DoD privileged safety information.

3.5. Major Commands/Field Commands/Direct Reporting Units will:

3.5.1. Provide subordinate units the guidance, criteria, resources, and supervision necessary to establish applicable safety programs and meet DAF safety policy.

3.5.2. Implement system safety policies in acquisition processes and procedures under their authority.

Frank Kendall  
Secretary of the Air Force

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

- DoDD 4715.11, *Environmental and Explosives Safety Management on Operational Ranges Within the United States*, 10 May 2004
- DoDD 4715.12, *Environmental and Explosives Safety Management on Operational Ranges Outside the United States*, 12 July 2004
- DoDD 5000.01, *The Defense Acquisition System*, 9 September 2020
- DoDD 6055.09E, *Explosives Safety Management (ESM)*, 18 November 2016
- DoDI 4140.62, *Material Potentially Presenting an Explosive Hazard (MPPEH)*, 20 August 2015
- DoDI 4145.26, *DoD Contractors' Safety Requirements for Ammunition and Explosives*, 9 April 2005
- DoDI 5000.69, *Joint Services Weapon and Laser System Safety Review Processes*, 10 August 2023
- DoDI 6050.05, *DoD Hazard Communication (HAZCOM) Program*, 26 February 2019
- DoDI 6055.01, *DoD Safety and Occupational Health (SOH) Program*, 14 October 2014
- DoDI 6055.04, *DoD Motor Vehicle and Traffic Safety*, 27 August 2021
- DoDI 6055.05, *Occupational and Environmental Health (OEH)*, 11 November 2008
- DoDI 6055.07, *Mishap Notification, Investigation, Reporting, and Record Keeping*, 6 June 2011
- DoDI 6055.11, *Protecting Personnel from Electromagnetic Fields*, 12 May 2021
- DoDI 6055.15, *DoD Laser Protection Program for Military Lasers*, 25 August 2023
- DoDI 6055.16, *Explosives Safety Management Program*, 29 July 2008
- DoDI 6055.19, *Aviation Hazard Identification and Risk Assessment Programs (AHIRAPs)*, 11 April 2017
- HAFMD 1-18, *Assistant Secretary of the Air Force (Installations, Environment and Energy)*, 10 July 2014
- HAFMD 1-46, *Chief of Safety*, 9 November 2021
- AFPD 13-6, *Space Policy*, 13 August 2013
- AFPD 63-1/20-1, *Integrated Life Cycle Management*, 7 August 2018
- AFPD 90-8, *Environmental, Safety & Occupational Health Management and Risk Management*, 23 December 2019
- AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

***Prescribed Forms***

None

*Adopted Forms*

DAF Form 847, *Recommendation for Change of Publication*

*Abbreviations and Acronyms*

**AFI**—Air Force Instruction

**AFPD**—Air Force Policy Directive

**AFSEC**—Air Force Safety Center

**AHIRAPs**—Aviation Hazard Identification and Risk Assessment Programs

**DAF**—Department of the Air Force

**DAFPD**—Department of the Air Force Policy Directive

**DoD**—Department of Defense

**DoDD**—Department of Defense Directive

**DoDI**—Department of Defense Instruction

**ESM**—Explosives Safety Management

**HAFMD**—Headquarters Air Force Mission Directive

**HAZCOM**—Hazard Communication

**MPPEH**—Material Potentially Presenting an Explosive Hazard

**OPR**—Office of Primary Responsibility

**RM**—Risk Management

**SECAF**—Secretary of the Air Force

**SOH**—Safety and Occupational Health

*Office Symbols*

**AF/SE**—Chief of Safety

**AF/SEI**—Headquarters Air Force Safety, Safety Issues Division

**SAF/AQ**—Assistant Secretary of the Air Force for Acquisition, Technology, and Logistics

**SAF/IE**—Assistant Secretary of the Air Force for Energy, Installations, and Environment

**SAF/SQ**—Assistant Secretary of the Air Force for Space Acquisition and Integration

*Terms*

**Civilian Personnel**—Civil Service personnel of the DoD Components (including Reserve technicians and Reserve Component military Reserve technicians, unless in a military duty status); non-appropriated fund personnel (excluding military personnel working part-time to avoid dual reporting); Corps of Engineers Civil Works personnel; Youth or Student Assistance Program personnel; foreign nationals employed by the DoD Components; Navy civil service mariners with the Military Sealift Command; Navy Exchange and Army-Air Force Exchange Service personnel.

**Explosives**—All items of ammunition; propellants (solid and liquid); pyrotechnics; explosives; warheads; explosive devices; and chemical agent substances and associated components presenting real or potential hazards to life, property, or the environment. Excluded are wholly inert items and nuclear warheads and associated devices, except for considerations of storage and stowage compatibility; and for considerations of blast, fire, and non-nuclear fragment hazards associated with the explosives.

**Hazard**—Any real or potential condition that can cause injury, illness, or death to personnel or damage to or loss of equipment or property, mission degradation.

**Military Personnel**—All United States military personnel on active duty, Reserve or National Guard personnel on active duty or performing inactive-duty training, Service academy cadets, officer candidates in Officer Candidate School and Aviation Officer Candidate School, Reserve Officer Training Corps cadets when engaged in directed training activities, and foreign national military personnel assigned to the DoD Components.

**Mishap**—An unplanned event or series of events that results in damage to DoD property; occupational illness to DoD personnel; injury to on- or off-duty DoD military personnel; injury to on-duty DoD civilian personnel; or damage to public or private property, or injury or illness to non-DoD personnel, caused by DoD activities.

**Privileged Safety Information**—Information that is reflective of a deliberative process in the safety investigation or given to a safety investigator pursuant to a promise of confidentiality, which the safety privilege protects from being released outside safety channels or from being used for any purpose except mishap prevention. It includes products such as draft and final findings, evaluations, opinions, preliminary discussions, conclusions, mishap causes, recommendations, analyses, and other material that would reveal the deliberations of safety investigators, including reviews and endorsements. It also includes information given to a safety investigator pursuant to a promise of confidentiality and any information derived from that information or direct or indirect references to that information.

**Risk Management**—The process to identify, assess, and control risks and make decisions that balance risk cost with mission benefits.

**Safety Investigation**—Investigation of a DAF mishap or hazard for the sole purpose of mishap prevention.

**Safety Program**—Those risk management activities designed to, and organizational and cultural values dedicated to, preventing injuries and accidental loss of human and materiel resources.

**System Safety**—The application of engineering and management principles, criteria, and techniques throughout all phases of the system life cycle to optimize safety within the constraints of operational effectiveness and suitability, time, and cost.