

**BY ORDER OF THE COMMANDER  
SPANGDAHLEM AB (USAFE)**

**SPANGDAHLEM AIR BASE  
INSTRUCTION 91-201**



**4 MARCH 2026**

**Safety**

**EXPLOSIVES SAFETY STANDARDS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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(Maj. Clifford A. Peterson)

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This instruction implements DESR 6055.09\_ DAFMAN 91-201, Defense Explosives Safety Regulation and Department of the Air Force Instruction (DAFI) 91-201, Explosives Safety Standards. The purpose of this instruction is to ensure safety and surety standards are adhered to for conditions unique to Spangdahlem Air Base (SAB), Geographically Separated Units (GSU), and visiting units. Its aim is to provide the maximum possible protection to personnel and property from the damaging effects of mishaps involving ammunition and explosives (AE). This instruction establishes a central source for managing explosives safety in a manner consistent with established standards. It outlines compensatory measures, in-transit explosive operations and explosives loading procedures. It establishes Weapons Safety guidance for all unit safety representatives on SAB and Munitions Support Squadrons (MUNSS). Ensure all records created because of processes prescribed in this publication are maintained in accordance with Air Force Instruction (AFI) 33-322, Records Management and Information Governance Program, and disposed of in accordance with 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 DAF Form 847, Recommendation for Change of Publication; route DAF Forms 847 through appropriate chain of command. The authorities to waive wing/unit level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. See DAFI 90-160, Publications and Forms Management, for a description of the authorities associated with the Tier numbers. Submit requests for waivers 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***

This document has been substantially revised and must be completely reviewed. Major changes include removing outdated/non-applicable guidance, adding additional guidance in accordance with USAFE-AFACRICA guidance and clarifying unit responsibilities.

### **1. Program Overview**

1.1. The purpose of 52 FW Weapons Safety (SEW) weapons safety program is to ensure safe working environments and prevent injuries and/or mishaps.

### **2. Responsibilities**

2.1. Units at and above squadron level with an explosive, missile, nuclear, or directed energy weapons mission must have a weapons safety program.

2.2. 52d Maintenance Group Commander will:

2.2.1. Designate personnel to:

2.2.1.1. Post fire symbols for the explosive operations being conducted in the applicable flight line area(s).

2.2.1.2. Ensure symbols are posted and changed as needed when fire symbols are updated.

2.2.1.3. Ensure applicable agencies are notified when fire symbols are updated or changed IAW DESR 6055.09\_DAFMAN91-201 guidance.

2.3. 52 CES/CEI will:

2.3.1. Conduct both quarterly and annual restrictive easement inspections.

2.3.2. Document results of the restrictive easement inspection in memorandum format in both German and English languages.

2.3.3. Forward copies of the restrictive easement inspection to applicable German and 52 FW Agencies.

2.4. 52 FW/SEW will:

2.4.1. Accompany CES during annual restrictive easement inspections to ensure no encroachments exist.

### **3. Explosive Safety**

3.1. All 52 FW personnel and tenant units will initiate and adhere to appropriate compensatory actions to avoid safety standard violations.

3.2. This section applies to the SAB flight line and the use of fire symbols on the flightline. All personnel involved in explosive operations will adhere to the following standards:

3.2.1. Flightline areas at Spangdahlem AB are depicted in [Attachment 2](#) – Flight Line Area Map and are defined as:

3.2.1.1. 1st Generation (Gen) Hardened Aircraft Shelter (HAS) area (3026-3070).

3.2.1.2. 3rd Gen HAS area (3000-3025).

- 3.2.1.3. 726th Aircraft Mobility Squadron (AMS) area (Ramps 5 and 6).
- 3.2.1.4. Ramps 1, 2, 3 and 4.
- 3.3. Applicable firefighting guidance symbols will be displayed on the facility exterior of all licensed explosive locations containing explosives and will be visible from all approach roads.
  - 3.3.1. Applicable firefighting symbols for sited explosive locations will be posted at the entry point to all aircraft areas as identified in paragraphs 3.2.1.1 through 3.2.1.4.
- 3.4. Explosive Site Plans only authorize explosives inside HASs with doors closed. Hardstands, aprons, and other areas surrounding the HAS are not sited for explosive storage or operation.
  - 3.4.1. HAS doors will remain closed anytime aircraft are loaded with munitions that do not meet quantity distance exempt criteria in accordance with DESR 6055.09\_DAFMAN91-201.
  - 3.4.2. Doors may be opened for short periods of time to allow aircraft towing, fueling, servicing, running, or taxi, and during concurrent servicing operations or when maintenance equipment or explosives are being moved into or out of shelters.
  - 3.4.3. Doors will be open when Aerospace Ground Equipment (AGE) is in use, as follows:
    - 3.4.3.1. SAB 1st Gen HAS, door(s) will be opened to allow ventilation.
    - 3.4.3.2. SAB 3rd Gen HAS, door(s) will be opened to the 10-foot line to allow ventilation; rear blast doors may also be opened for additional ventilation.
  - 3.4.4. All HAS doors will be closed once AGE is no longer in use.
- 3.5. Explosives are considered in-transit when:
  - 3.5.1. An explosive-laden trailer is connected to the tow vehicle and the driver is present.
  - 3.5.2. An explosive-laden trailer may be disconnected outside of a HAS provided load crews download or upload all munitions immediately into the HAS or onto the aircraft inside. If not, explosives will be stored inside a sited HAS, with doors closed, until a crew is available. Explosive laden trailers not being utilized immediately for loading or unloading will not be parked on hardstands.

#### **4. Weapons Safety Program**

- 4.1. Each unit with a weapons safety program will appoint a primary and alternate Additional Duty Weapons Safety Representative (ADWSR).
- 4.2. ADWSR primary and alternate will:
  - 4.2.1. Be appointed by their Squadron CC and have a minimum of 1 year (projected) time remaining on station.
  - 4.2.2. Schedule and receive training from 52 FW/SEW within 30 duty days of appointment.
  - 4.2.3. Immediately inform 52 FW/SEW of all weapons safety related deficiencies or changes within their unit/mission.

4.2.4. Ensure explosive safety training is completed, documented and tracked for all unit personnel responsible for handling, transporting or maintaining explosives.

4.2.4.1. Ensure personnel performing operations involving explosives are current and not overdue explosive safety training.

4.2.5. Assigned MUNSS USRs will annually review their installation explosives (E12) location map and provide changes and corrections to 52 FW/SEW. Reviews must be coordinated with USR, Deputy Officer and Host Nation/SEW equivalent. Document reviews in memorandum format and upload them into the appropriate SharePoint folder.

4.2.6. Review the units AF Form 2047(s) annually for continued requirement and applicability. Document annual reviews using signed Memorandum for Record (MFR) format. Maintain signed MFRs with the current/approved AF Form 2047.

4.2.7. Non-MUNSS units will conduct and document spot inspections IAW DAFI 91-202. Spot inspections will be documented on the 52 FW/SEW SharePoint site.

4.2.7.1. MUNSS units will conduct spot inspections IAW SPANGDAHLEMABI 91-101

4.3. The 52 FW/SEW SharePoint page will be the sole location to maintain weapons safety program documentation.

4.3.1. 52 FW/SEW will set up program folders on the SharePoint page for units.

4.3.2. The unit ADWSR will maintain program documentation on the 52 FW/SEW SharePoint Page IAW 52 FW/SEW guidance.

WILLIAM D. LUTMER, Col, USAF  
Commander, 52d Fighter Wing

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

DESR 6055.09\_ DAFMAN 91-201, Explosives Safety Standards, 18 June 2025

DAFI 91-202, The US Air Force Mishap Prevention Program, 10 April 2024

DAFMAN 90-161, Publishing Processes and Procedures, 18 October 2023

***Prescribed Forms***

AF Form 2047, Explosives Facility License

***Adopted Forms***

DAF Form 847, Recommendation for Change of Publication

***Abbreviations and Acronyms***

**ADWSR**—Additional Duty Weapons Safety Representative

**AE**—Ammunition & Explosives

**AFI**—Air Force Instruction

**AGE**—Aerospace Ground Equipment

**AMS**—Air Mobility Squadron

**CC**—Commander

**CEI**—CES Resources Flight

**CES**—Civil Engineering Squadron

**DAFMAN**—Department of Air Force Manual

**ESP**—Explosives Site Plan

**FW**—Fighter Wing

**GSU**—Geographically Separated Unit

**HAS**—Hardened Aircraft Shelter

**IAW**—In Accordance With

**MUNSS**—Munitions Support Squadron

**NEW**—Net Explosives Weight

**OPR**—Office of Primary Responsibility

**RDS**—Records Disposition Schedule

**SAB**—Spangdahlem Air Base

**SE**—Safety

**SEW**—Weapons Safety

**USAF**—United States Air Force

**USAFE**—United States Air Forces in Europe

Attachment 2  
FLIGHT LINE AREA MAP

Figure A2.1. FLIGHT LINE AREA MAP

