

**BY ORDER OF THE COMMANDER  
3RD WING (PACAF)**

**3RD WING INSTRUCTION 91-208**

**7 NOVEMBER 2003**

**Certified Current 19 November 2012**

**SAFETY**

**TIER I EXPLOSIVE SAFETY PROCEDURES**



**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

---

**ACCESSIBILITY:** Publications and forms are available on the e-Publishing website at [www.e-publishing.af.mil](http://www.e-publishing.af.mil) for downloading or ordering.

**RELEASABILITY:** There are no releasability restrictions on this publication.

---

OPR: 3 LRS/LGRR

Certified by: 3 MSG/CC (Col Robert W.  
Tirevold)  
Pages: 6

---

This instruction implements AFPD 91-2, *Safety Programs*, and provides procedures for the storage, handling, and transportation of Tier I, peacetime, explosive items for the purpose of mobility processing during peacetime operations through the joint mobility complex (JMC), Building 15510, and is designed to assist commanders, and Air Force and Army personnel at Elmendorf AFB in developing and managing a unit level Explosive Safety Mishap Prevention Program. All commanders should ensure each subordinate commander, staff officer, supervisor and individual with operations involving explosives continuously reviews, recognizes, and enforces mishap prevention techniques, procedures, and requirements. It also outlines requirements for Explosive Site Plan 00-S02. These procedures are mandatory and deviations will not be permitted. This instruction is not intended to be an all-encompassing text to take the place of Air Force manuals, Army manuals, instructions, or technical orders. However, it should serve as a guide and a ready reference for basic information to develop, direct, and enhance your explosive safety program. Copies of the Explosive Operation Pre-Task Safety Briefing, Site Plan and associated maps are available through the 3rd Wing Weapons Safety office. Refer recommended changes and questions about this publication to the OPR (see **Attachment 1**) using the AF Form 847, *Recommendation for Change of Publication*. Route the AF Form 847 through the appropriate chain of command. This publication does not apply to the US Air Force Reserve or Air National Guard units and members. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at <https://www.my.af.mil/gcss-af61a/afrims/afrims/>.

## 1. General Policy and Responsibility.

1.1. Explosive safety standards are an extension of the will of **CONGRESS** and have the power of law. The Department of Defense Explosives Safety Board (DDESB) establishes explosives safety policy through DoD 6055.9, *DoD Explosives Safety Board (DDESB) and DoD Component Explosives Safety Responsibility*.

1.2. The Air Force provides explosives safety guidance in AFMAN 91-201, *Explosive Safety Standards*. This manual is an extension of DoD 6055.9 and provides further guidance for Air Force-specific explosive safety issues.

1.3. The 3 WG/CC is responsible for ensuring all known rules are followed within his/her command. The 3rd Wing Weapons Safety office assists him/her in these endeavors and must ensure compliance with all known explosive safety standards.

**2. Operating Procedures.** All personnel involved with the processing of explosives are responsible for understanding and strictly observing all safety standards, requirements, and precautions for the safe handling of explosives. Supervisors will act positively to eliminate any potential accident hazards existing in the operation.

## 3. Explosive Limits, Hazard Class/Division.

3.1. Building 15510 (JMC) is sited for 5,000 pounds Hazard Class/Division (HC/D) 1.3 and operational quantities of HC/D 1.4. The Hardstands 26, 26A, and 27 are sited for 10,000 pounds 1.3 and operation quantities of 1.4. Inhabited building distance (IBD) is 115 feet for 5,000 pounds of 1.3 and 150 feet for 10,000 pounds of 1.3. See maps (3 WG/SEW) for proper placement of explosives. The combined explosive weight of Building 15510 and Hardstands 26, 26A, and 27 cannot exceed 10,000 of 1.3 explosives.

3.2. Refer to explosive site plan (ESP) 00-S02 for Air Force and Army use.

**4. Personnel Limits.** The cardinal rule for explosive safety is to expose the minimum amount of people, to the minimum amount of explosives, for the minimum amount of time. The explosive site plan (00-S02) identifies 45 people as assigned to run the facility and a maximum of 800 personnel present during exercise/contingency mobility processing. Personnel should be kept to a minimum to accomplish the mission. Visitors are nonessential personnel with limited access. Explosive operations must stop when visitors are present. Casuals are persons not normally part of an explosives operation, but have duties that require their presence, such as quality assurance, safety or inspection personnel.

**5. Operating Locations.** West part of Building 15510, Hardstands 26, 26A, 27.

## 6. Safety Requirements.

6.1. Ensure two each 2A:10BC fire extinguishers are readily available and serviceable.

6.2. Remove rings, watches, and jewelry in accordance with AFOSH 91-66, *General Industrial Operations*, and 91-100, *Aircraft Flight Line - Ground operations and Activities*, and in accordance with AFMAN 91-201/ PACAF Sup 1, paragraph 2.4.4.

6.3. No smoking or flammable materials within 50 feet of explosives.

6.4. Vehicles/aerospace ground equipment cannot be parked within 100 feet of explosives, unless loading or unloading.

6.5. Report any injury, questionable or unsafe condition, or material to your supervisor as soon as possible. Report all explosive related mishaps to 3rd Wing Weapons Safety at DSN 317-552-4681/ 6855.

6.6. Report the highest fire/chemical symbol to the fire alarm communication center (FACC) at DSN 317-552-2801 anytime munitions are delivered, removed, or the fire symbol changes. The only way to get the proper fire/chemical symbol is to look up the national stock number (NSN) in TO 11A-1-46, *Fire Fighting Guidance Transportation and Storage Management Data*., This TO can be downloaded from the following web site after obtaining a password: [http://ammo.hill.af.mil/wm/new\\_techorder/to\\_list.cfm](http://ammo.hill.af.mil/wm/new_techorder/to_list.cfm)

6.7. Fire symbols do not need to be posted if the above paragraph is followed. If not, post fire symbols in accordance with AFM 91-201, *Explosive Safety Standards*, paragraph 2.25.7.

**7. Planning Explosive Operations.** Prior to the start of an explosive operation, supervisors will ensure the following:

7.1. Crews are established in a manner that exposes the minimum number of people, to the smallest amount of explosives, for the shortest period of time, and consistent with the operation being conducted.

7.2. All required safety gear and equipment (that is, hearing protection, reflective belts, eye protection, fire extinguishers, and so forth) are on hand and used.

7.3. All required vehicles and munitions test, support, and handling equipment are properly inspected and serviceable.

7.4. A means to communicate (that is, radio, hotline, or telephone) with appropriate controlling agency (that is, FACC, *air terminal operations center (ATOC)*, maintenance operations center (MOC), and so forth) is available.

7.5. All required technical data is on hand, current, and used. Step-by-step procedures in TOs will be adhered to and deviations permitted only as stated in item TOs.

7.6. Personnel are properly dressed for the weather conditions.

7.7. Personnel are qualified for the specific tasks to be performed.

7.8. A safety briefing is conducted.

7.9. Predetermined evacuation sites are briefed.

**8. Conducting Explosive Operations.** During an explosive operation, supervisors will ensure the following:

8.1. Horseplay in any form is not allowed.

8.2. Good housekeeping is maintained.

8.3. Ensure established personnel and net explosive weight (NEW) limits are posted and not exceeded.

8.4. Munitions are protected in accordance with AFI 31-209, *The Air Force Resource Protection Program*, and DoD 5100.76-M STD, *Physical Security Review Board*.

8.5. TO warnings and cautions are strictly observed.

8.6. Prompt action is taken to control any hazard encountered.

8.7. Munitions are secured for movement in accordance with applicable technical directives and transported as specified in AFMAN 91-20, paragraphs 2.70 and 2.71.

8.8. Receive clearance from appropriate agency (that is, Security Forces, and so forth) for all munitions movements outside designated storage/operating areas.

**9. Completing Explosive Operations.** After an explosive operation, supervisors will ensure the following:

9.1. The work site is cleaned up.

9.2. All tools, equipment, structure keys, and other items used during the operation are accounted for, cleaned as required, and returned to their place of origin.

9.3. The appropriate agency (that is, ATOC, Fire Department, and so forth) is advised of work status.

9.4. Munitions and facilities are properly secured.

**10. Emergency Procedures.**

**Table 1. Emergency Procedures.**

**WARNING**

**IF ANY DANGEROUS EXPLOSIVE ITEM IS ENCOUNTERED, ALL OPERATIONS IN THE IMMEDIATE VICINITY WILL BE TERMINATED. PERSONNEL EVACUATED TO A PREDETERMINED SAFE LOCATION, AND APPROPRIATE AGENCY (THAT IS, ATOC, FIRE DEPARTMENT, EOD, AND SO FORTH) WILL BE PROMPTLY NOTIFIED. OPERATIONS WILL NOT BE RESUMED UNTIL THE HAZARD HAS BEEN ELIMINATED**

10.1. When an explosive emergency does not involve fire, such as dropped munitions or partially armed munitions, initially clear the area to a distance of 300 feet. After evaluation of the situation, the on-scene commander or senior ranking individual may adjust the withdrawal distance for nonessential personnel.

10.2. When explosives are involved in fire, use the required evacuation distance.

10.3. Attempt to fight 1.4 fires. 1.3 fires may be fought if explosives are not directly involved.

10.4. Call **911** and give both the exact location of the fire (Building 15510) and the type of explosives involved.

10.5. Notify and evacuate all non-essential personnel to a predetermined location (600 feet for 1.3 and 300 feet for Class 1.4 munitions).

**11. Amnesty Box and Improvised Explosive Device Procedures.**

11.1. Amnesty boxes should be checked bi-weekly.

11.2. Boxes must be placed at least 50 feet from combustible/hazardous materials and public traffic routes/gathering places.

11.3. When items are discovered in the box, contact Munitions Operations, (LXMWMO) at DSN 317-552-4307/4491 for proper turn-in procedures in accordance with AFI 21-201, *Inspection, Storage, and Maintenance of Non-Nuclear Munitions*, paragraph 25.6. For non-stock listed items the MASO will not establish accountability and these items will not be stored in the munitions storage area. Notify EOD (3 CES/CED) for storage and disposal of these items. For stock listed items, if room is not available from EOD, munitions will temporarily store the assets until EOD can dispose of the items. A courtesy storage agreement must be in place outlining specific responsibilities. If an improvised explosive device is found, EOD must be notified immediately at DSN 317-552-8555.

11.4. If improvised explosive devices (IED) are discovered, withdraw all nonessential personnel to an initial distance of 500 feet for IEDs up to box size (large briefcase/package 2 cubic feet) and 1,000 feet for barrel size or vehicle type IEDs. On-scene authorities may expand/shrink this distance when the situation warrants in accordance with AFM 91-201/PACAF Sup 1, paragraph 2.31.5.

## **12. Prescribed and Adopted Forms.**

12.1. **Adopted.** AF Form 847, *Recommendation for Change of Publication*

ROBERTUS C. N. REMKES, Brig Gen, USAF  
Commander

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

AFI 21-201, *Inspection, Storage, and Maintenance of Non-Nuclear Munitions*

AFI 31-209, *The Air Force Resource Protection Program*

AFMAN 33-363, *Management of Records*

AFPD 91-2, *Safety Programs*

AFI 91-100, *Aircraft Flight Line - Ground operations and Activities*

AFM 91-201, *Explosive Safety Standards*

AFOOSH 91-66, *General Industrial Operations*

DoD 5100.76-M STD, *Physical Security Review Board*

DoD 6055.9, *DoD Explosives Safety Board (DDESB) and DoD Component Explosives Safety Responsibility*

TO 11A-1-46, *Fire Fighting Guidance Transportation and Storage Management Data*

***Abbreviations and Acronyms***

**ATOC**— Air Terminal Operations Center

**DDESB**— Department of Defense Explosives Safety Board

**FACC**— Fire Alarm Communication Center

**HC/D**— Hazard Class/Division

**IBD**— Inhabited Building Distance

**IED**— Improvised Explosive Devices

**JMC**— Joint Mobility Complex

**MOC**— Maintenance Operations Center

**NEW**— Net Explosive Weight

**NSN**— National Stock Number

**OPR**— Office of Primary Responsibility

**RDS**— Records Disposition Schedule