

**BY ORDER OF THE COMMANDER
56TH FIGHTER WING (AETC)**

LUKE AIR FORCE BASE INSTRUCTION 91-2015

8 APRIL 2013



Safety

EXPLOSIVE HAZARD NOTIFICATION

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFPD 91-2, *Safety Programs*, and applies to all organizations assigned to or operating from Luke Air Force Base (AFB). This instruction implements procedures for notifying the appropriate agencies when explosives are present on the Luke AFB flight line or in transit between the Munitions Storage Area (MSA) and the flight line, and outlines emergency procedures. Notification procedures for explosives entering or leaving the installation are in Luke AFB Instruction 24-201, *Shipping, Receiving, and Secure Holding of Explosives*. This publication does not apply to Air Force Reserve Command and to Air National Guard Units. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional's chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at <https://www.my.af.mil/afirms/afirms/afirms/rims.cfm>.

SUMMARY OF CHANGES

This publication's format has been changed to comply with current directives and paragraphs have been renumbered.

1. Responsibilities:

1.1. Commander, 56th Equipment Maintenance Squadron (56 EMS) will:

1.1.1. Ensure the Munitions Flight has established procedures to notify the 56th Civil Engineering Squadron's (56 CES) Fire and Emergency Services Flight Emergency Communications Center of all hazard class and division (HC/D) 1.1 and 1.2 explosive movements between the Munitions Storage Area (MSA) and flight line.

1.2. Commanders, 56th and 756th Aircraft Maintenance Squadron will:

1.2.1. Ensure respective Aircraft Maintenance Unit(s) Weapons Section(s) have established procedures to notify the Maintenance Operations Center when HC/D 1.1 or 1.2 explosives are uploaded, downloaded, or expended from assigned combat aircraft.

1.3. Commander, 56th Maintenance Operations Squadron (56 MOS) will:

1.4. Ensure the Maintenance Operations Flight, Maintenance Operations Center has established procedures to inform the 56 CES Fire and Emergency Services Flight Emergency Communications Center when HC/D 1.1 and/or 1.2 explosives are uploaded, downloaded, or expended from combat aircraft. Include aircraft tail number, parking location, fire symbol, quantity, and munitions type.

1.5. Commander, 56th Civil Engineering Squadron will:

1.5.1. Ensure the Fire and Emergency Services Flight Emergency Communications Center identifies and tracks all HC/D 1.1 and/or 1.2 explosive loaded aircraft and explosives movements between the flight line and MSA.

1.6. The 56th Fighter Wing Weapons Safety Office will:

1.6.1. Periodically inspect and monitor explosive activities to ensure the requirements of this instruction are followed.

2. Procedures:

2.1. For HC/D 1.3 or 1.4 explosives:

2.1.1. 56 CES Fire and Emergency Services Flight notification is not required for movement of HC/D 1.3 and or 1.4 munitions. The Fire and Emergency Services Flight Emergency Communications Center will consider HC/D 1.3 explosives present at all times on combat aircraft, on munitions trailers, and in BDU push carts present on the Luke AFB aircraft parking ramp. The combat aircraft parking areas will be considered, as a minimum, fire symbol 3 at all times. Notification procedures for HC/D 1.1 and 1.2 explosives are outlined in section 2.2.

2.2. For HC/D 1.1 and 1.2 explosives:

2.2.1. For movements between the Luke AFB flight line and the Munitions Storage Area:

2.2.1.1. The 56 EMS Munitions Control will notify the 56 CES Fire and Emergency Services Flight Emergency Communications Center of all HC/D 1.1 and 1.2 explosive movements between Luke AFB flight line and the MSA. Notification will include delivery location, fire class/division, and chemical symbol(s) if any.

2.2.2. When HC/D 1.1 or 1.2 explosives are uploaded, downloaded, and/or expended from combat aircraft operating from Luke AFB.

2.2.2.1. The owning unit(s) Weapons Expediter will notify the 56 MOS Maintenance Operations Center of location, tail number, munitions quantity, type, fire class/division, and chemical hazard symbol(s) if any.

2.2.2.2. The Maintenance Operations Center will notify the 56 CES Fire and Emergency Services Flight of the aircraft(s) explosive or non-explosive status. Notification will include location, tail number, munitions quantity, type, fire class/division, and chemical hazard symbol(s) if any.

2.2.3. When transient aircraft arrive with HC/D 1.1 and/or 1.2 explosives loaded Transient Alert will provide the 56 MOS Maintenance Operations Center and 56 CES Fire and Emergency Services Flight with aircraft type, location, tail number, munitions quantity, type, fire class/division, and chemical hazard symbol(s) if any.

2.3. When explosive hazard notification procedures are established by a local publication, aircraft parked in designated explosive parking areas do not require posting of fire or chemical hazard symbols. Therefore, the posting of fire or chemical hazard symbols identifying explosive loaded combat aircraft on the Luke AFB flight line is not required.

3. Emergency Procedures:

3.1. For Fire:

3.1.1. Notify 56 CES Fire and Emergency Services Flight and evacuate non-essential personnel to the minimum safe withdrawal distance. For HC/D 1.1 explosives do not fight fire unless rescue attempt is planned. For HC/D 1.2 explosives, attempt to extinguish fire in early stages if explosives are not directly involved. For HC/D 1.3 explosives, fire may be fought if explosives are not directly involved. For HC/D 1.4 explosives fight fire however, expect minor explosions and hot fragments.

3.1.2. Minimum withdrawal distances for non-essential personnel are as follows:

3.1.2.1. For HC/D 1.4 (moderate fire), minimum distance is 300 feet.

3.1.2.2. For HC/D 1.3 (mass fire), minimum distance is 600 feet.

3.1.2.3. For HC/D 1.2 (explosion and fragments), minimum distance is 2,500 feet.

3.1.2.4. For HC/D 1.1 (mass detonation) quantities less than 500 pounds net explosive weight (NEW), other than bombs and explosives greater than 5-inch caliber, minimum distance is 2,500 feet.

3.1.2.5. For HC/D 1.1 (mass detonation) quantities greater than 500 pounds NEW, all bombs, and explosives greater than 5-inch caliber, minimum distance is 4,000 feet.

3.2. For dropped or partially armed explosives with no fire involved, withdraw to 300 feet.

3.3. The ranking on-scene Munitions or Weapons technician will compile all essential information, control access to the site, and pass on pertinent explosive information to the 56 CES Fire and Emergency Services Flight Incident Commander upon arrival. They will remain with the Incident Commander as a subject matter expert until termination of the emergency. After evaluation by the incident commander, distance for non-essential personnel may be adjusted.

MICHAEL D. ROTHSTEIN
Brigadier General, USAF
Commander

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

AFMAN 33-363, *Management of Records*, 1 March 2008

AFMAN 91-201, *Explosive Safety Standards*, 12 January 2011

AFPD 91-2, *Safety Programs*, 24 July 2012

LUKEAFBI 24-201, *Shipping, Receiving, and Secure Holding of Explosives*, 29 September 2011

Adopted Form

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

Abbreviations and Acronyms

AFB—Air Force Base

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

AFRIMS—Air Force Records Information Management System

CES—Civil Engineer Squadron

EED—Electro-Explosive Devices

FW—Fighter Wing

MOC—Maintenance Operations Center

MOS—Maintenance Operations Squadron

MSA—Munitions Storage Area

NEW—net explosive weight

NM—nautical miles

OPR—Office of Primary Responsibility

OSS—Operations Support Squadron

RDS—Records Disposition Schedule

SOF—Supervisor of Flying