



U.S. ARMY



Unexploded Ordnance Awareness Training

ID-S USAG Fort A.P.Hill Installation Safety Office

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Agenda

- Why 3RS?
- The 3RS of Explosive Safety.
- Overview of Munitions.
- Unexploded Ordnance Defined.
- Brief History, Overview, and Orientation of Fort A.P. Hill
- Access Controls and Procedures
- Recognize, Retreat, and Report Explained.
- Additional Resources and Contact Information





Explosives Safety Education Program

Why 3RS?

HQDA EXORD 068-20 THE ARMY'S 3RS (RECOGNIZE, RETREAT, REPORT)

BACKGROUND: IN 2000, A MUNITION TAKEN BY TEENAGERS FROM A POSTED, OPERATIONAL RANGE DETONATED, KILLING ONE, AND INJURING ANOTHER. IN AN EFFORT TO PREVENT SIMILAR INCIDENTS, THE ARMY BEGAN ITS COMPREHENSIVE, COORDINATED 3RS PROGRAM FOR ARMY-WIDE USE. **THE 3RS ARE EASILY UNDERSTOOD AND REMEMBERED BY CHILDREN AND ADULTS, MUCH AS THE "STOP, DROP AND ROLL" FIRE SAFETY MESSAGE.** THIS EFFORT RESULTED IN A REDUCTION IN THE LEVEL OF EFFORT AND COSTS REQUIRED TO DEVELOP SIMILAR PROGRAMS, AND AN INCREASE IN THE CONSISTENCY OF THE MESSAGES ACROSS THE ARMY. THIS PRESERVES RESOURCES AND FUNDS FOR OTHER PURPOSES AND AVOIDS MIXED MESSAGES.

MISSION: EFFECTIVE IMMEDIATELY, REGULAR AND RESERVE COMPONENT (TO INCLUDE NATIONAL GUARD) ARMY INSTALLATIONS WITHIN THE UNITED STATES ARE TO IMPLEMENT A 3RS PROGRAM TO ADVISE SOLDIERS AND THEIR FAMILIES WHO LIVE OR WORK ON AN INSTALLATION, EMPLOYEES OF AND VISITORS TO AN INSTALLATION, AND THE COMMUNITIES SURROUNDING THE INSTALLATION OF THE ACTIONS TO TAKE IN THE EVENT THEY ENCOUNTER, OR SUSPECT THEY HAVE ENCOUNTERED, A MUNITION.





The 3RS of Explosives Safety

Munitions are Dangerous!

Follow the 3RS of Explosives Safety at Fort A.P. Hill



Recognize - when you see a munition and that it is dangerous

Retreat - do not touch it, but carefully leave the area

Report - call local authorities to report what you saw

If you did not drop it, do not pick it up!

UXO, Dud, Training Round, War Trophy, Souvenir

NO MATTER WHAT YOU CALL THEM! THEY CAN BE DEADLY!

Learn and Follow the 3Rs

RECOGNIZE: The danger that a munition poses to yourself, your family and your neighbors

RETREAT: Do not disturb, touch or move it. Do not give or throw it away

REPORT: Call local authorities

Recognize
Retreat
Report

<https://3Rs.mil>

RECOGNIZE: Recognize when you may have encountered a munition and that munitions are dangerous.

RETREAT: Do not approach, touch, move or disturb it, but carefully leave the area the way you entered.

REPORT: Call (804)633-8224 or (804)633-8911! Immediately notify local law enforcement of what you saw and where you saw it.





What are Munitions?

Munitions are military weapons, ammunition or supplies.

Some examples include...



Artillery & Mortar Rounds



Grenades



Small Arms Ammunition



Bombs





Some Munitions are Hard to Identify





Munitions Vary in Appearance

Munitions are dangerous regardless of appearance:

- Munition type, shape, size, age, or condition don't matter.
- Flares, simulators, and blasting caps are all dangerous.
- Souvenir munitions can be dangerous.





Artillery Projectile



New

Used





Rockets

UNCLASSIFIED

New



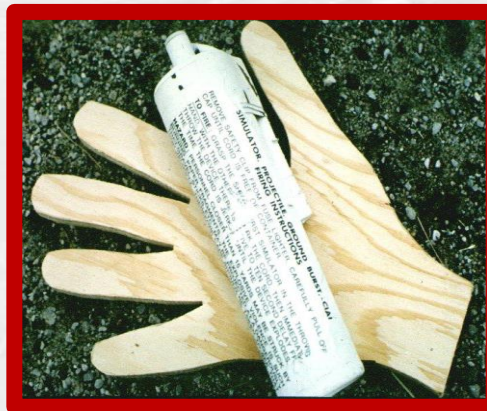
Used





Simulators and Practice Munitions

Simulators and practice munitions used for training contain explosive charges that can cause serious injuries.





Souvenir Munitions

Souvenir, UXO, Dud, Training Round, or War Trophy, no matter what you call them, they can all be deadly!



If you did not drop it, do not pick it up!





What is Unexploded Ordnance?

Unexploded Ordnance, commonly referred to as UXO, is defined in Title 10, United States Code, Section 101(e)(5)(A) through (C) as follows...

Unexploded ordnance.—The term “unexploded ordnance” means military munitions that:

- (A) have been primed, fused, armed, or otherwise prepared for action;
- (B) have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installations, personnel, or material; and
- (C) remain unexploded, whether by malfunction, design, or any other cause.

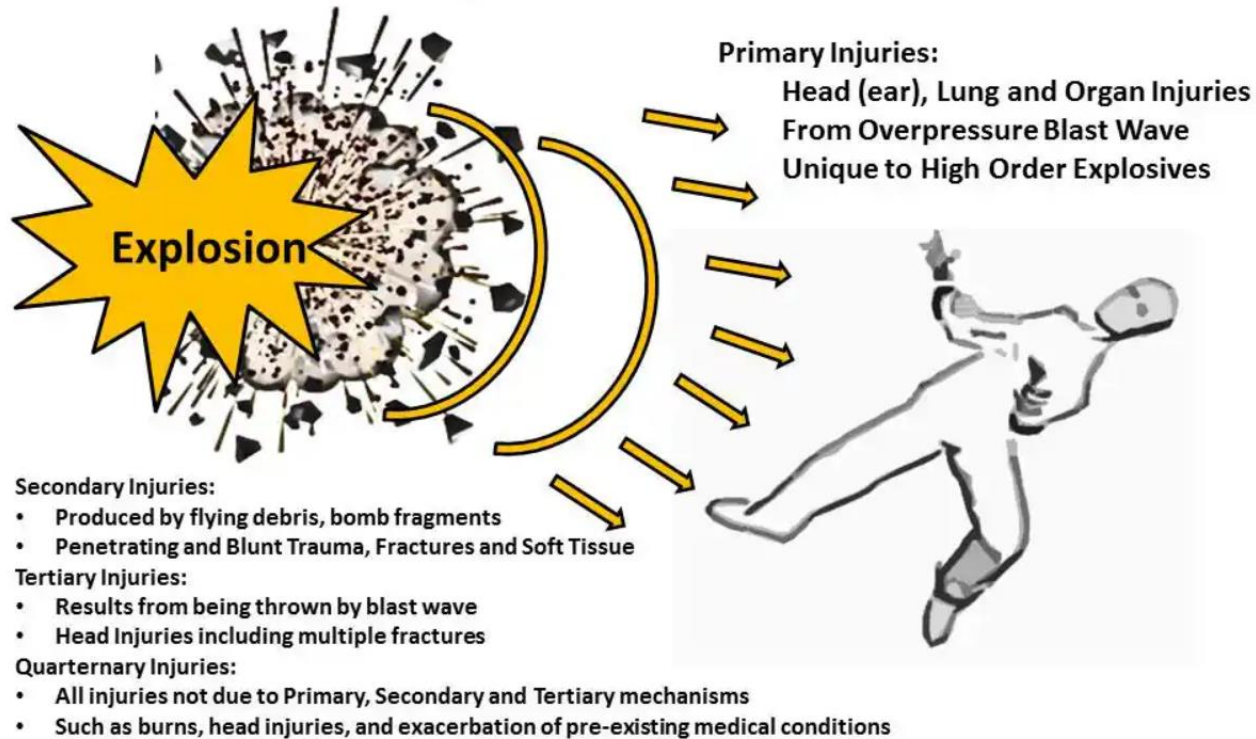




The Danger is Real!

Munitions are dangerous. Personnel have found munitions at Fort A.P. Hill over the past 80 years. Personnel also have been injured or killed from munitions at other installations.

Blast Injury Components





Brief History of Fort A.P. Hill





Munitions Can be Encountered Anywhere!

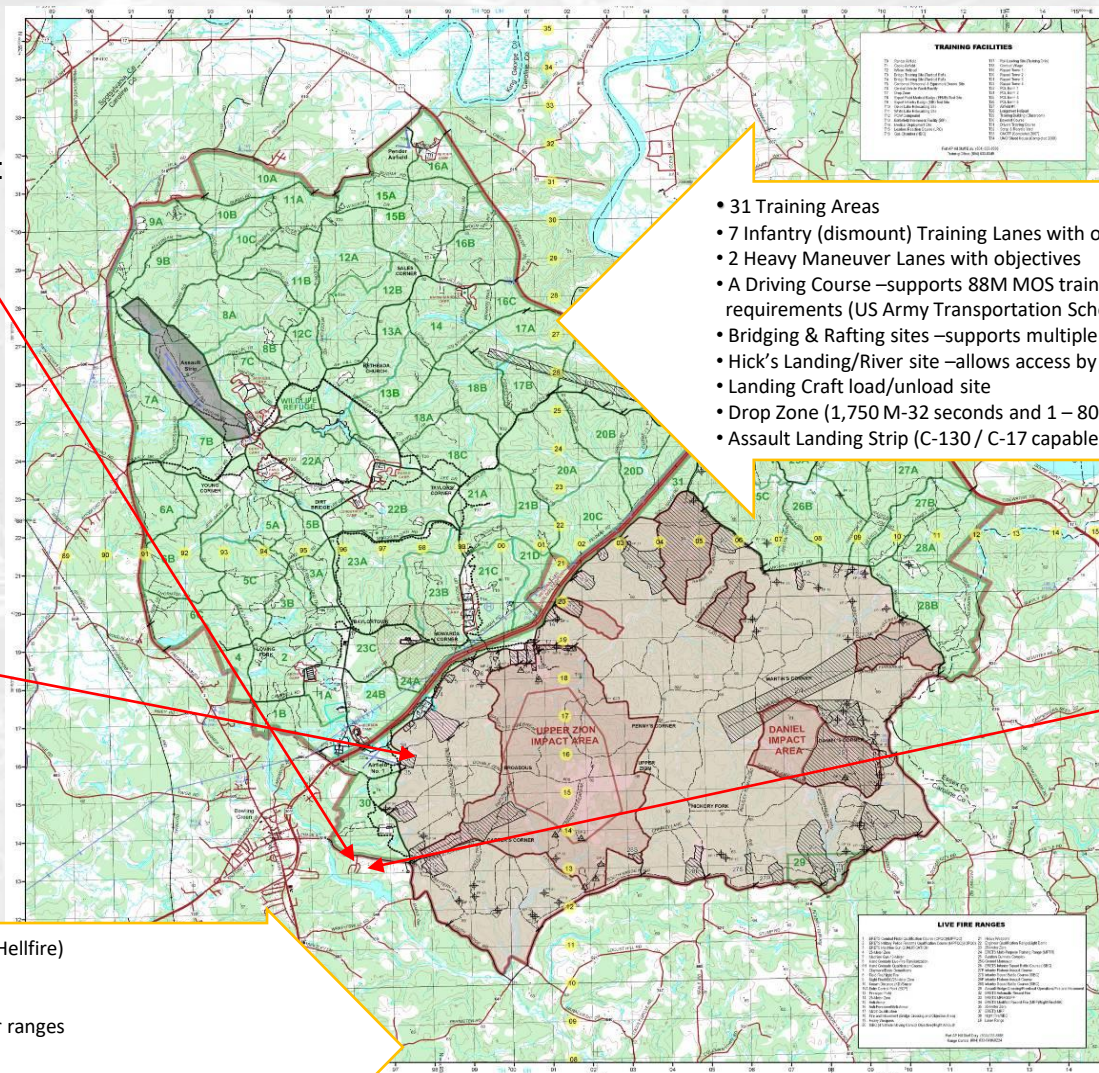
North Gate ACP:
24/7 Access.

ASP
Monday thru Friday,
0700-1630

- 43 ranges that support DOD weapons systems (except ADA missile and Hellfire)
- 7 Ranges operate with Automated Target Systems
- Aerial gunnery and bombing range
- Squad, Platoon & Company (mounted & dismounted) live fire maneuver ranges
- Convoy LFC
- 36 Artillery firing points
- 15 Mortar points
- 8 Observation points
- Demolition sites with up to 100 lb. capacity

- 31 Training Areas
- 7 Infantry (dismount) Training Lanes with objectives
- 2 Heavy Maneuver Lanes with objectives
- A Driving Course—supports 88M MOS training requirements (US Army Transportation School)
- Bridging & Rafting sites—supports multiple bridge sets.
- Hick's Landing/River site—allows access by units with over the water mission from other installations
- Landing Craft load/unload site
- Drop Zone (1,750 M-32 seconds and 1 – 800 M)
- Assault Landing Strip (C-130 / C-17 capable)

Range Operations and South Gate:
ACP Limited Hours, Monday thru Friday,
0630-0730, Garrison Employees Only,
and 1530-1730, Outbound Only.





What does Fort A.P. Hill do to Help Prevent Munitions Related Incidents?

- Controls authorized access to ensure the safety of personnel who have a need to enter an operational range or impact area.
- Conducts periodic security patrols to enforce access controls in place at ranges and impact areas and to keep unauthorized people out.
- Posts warning signs around munitions areas.
- Provides explosive safety awareness briefs to units, contractors, and visitors.
- Monitor and manage the amount of explosives used in training.





Gated Areas and Signage

- The access routes to all ranges and impact areas at Fort A.P. Hill are gated.
- At no point should you access a gated area without Clearance from Range Operations.
- These areas are gated, and feature signs posted for your protection and designed to prevent access into an active Surface Danger Zone or an area that is likely or known to contain unexploded ordnance.
- In the event you encounter an unsecure gate, please contact the Range Operations Fire Desk Immediately!





Examples of Warning Signs

Trespassing on Fort A.P.Hill...

- is hazardous and prohibited by law.
- may result in substantial fines.
- may result in injury or death.





Range and TA

Communications

1. The **primary means of communication between the training unit and Range Operations is Land Mobile Radio (LMR)**. LMR Radios will be issued upon In-Processing/Signing out Range, Training Area, or Facility. **Land lines or Cell Phone are not** a form of authorized communication for training.
2. Units must establish communications with Range Operations immediately upon arrival at a TA/facility/range. **OCCUPY!**
3. Training units are required to maintain constant communications with Range Operations. All training requires communication checks once per hour (this includes blank, pyrotechnics, and simunitions). Loss of communications between the firing unit and Range Operations requires the ROIC to call an immediate CEASE FIRE until communications are restored. Range Operations is the only entity allowed to grant permission to resume firing. Failure to constantly communicate with Range Operations constitutes a violation of this regulation and may lead to suspension of training exercises.
4. Range Operations primary frequency is **Range Ops**, call sign is **"RANGE OPERATIONS"**. **UNITS MUST USE THE RANGEOPS CHANNEL.**
5. Unit call sign is the facility they are occupying (i.e., "RANGE (37) THREE-SEVEN or TA (6C) SIX-CHARLIE"). Units may also reach Range Operations by telephone at ext. 8224.
6. Headquarters (HQ) of non-firing units may maintain communications for subordinate units provided they:
 1. Coordinate in writing with Installation RO prior to use.
 2. Provide ROIC and TA occupation information to Range Operations
 3. Maintain constant communication with subordinate units on their internal frequencies.

FT A.P. Hill Aviation Division

1. Primary operational frequency for military/civilian airfield is 126.2 VHF. 241.0 UHF is a discreet frequency.
2. From a landline or cell phone, the number is 804-633-8713/8272.

Note: Communication wire strung over any road will be a minimum of 20' above ground level (AGL) and flagged at two points on the wire visible to vehicle operators. Wire will not be surface laid on any range road.





Accessing Training Areas, Ranges, and Controlled Access Areas

IMPORTANT: Regardless of who you are, or where you work, you do not have permission to enter any Training, Range, or Controlled Access Area without the approval of Range Control.

Unauthorized entry into these areas could lead to serious injury or loss of life.

Unauthorized entry into these areas can also result in possible punitive penalties, loss of privileges, and/or other consequences.





Follow the 3Rs of Explosives Safety

Be safe, and help keep your family, friends, and community safe by following the 3Rs of Explosives Safety!



Recognize - when you see a munition and that it is dangerous

Retreat - do not touch it, but carefully leave the area

Report - call local authorities to report what you saw

If you did not drop it, do not pick it up!





What To Do If You Encounter Munitions

 **Recognize** when you may have encountered munitions and that munitions are dangerous.

Munitions may:

- Not look like a bullet or bomb.
- Be shiny or rusty.
- Be clean or dirty.
- Look harmless, but they are dangerous.

Regardless of whether a munition has been moved, it may still explode. In fact, used munitions **can be more dangerous** than new.





What To Do If You Encounter Munitions

- **Retreat:** Do not approach, touch, move, or disturb it, but carefully leave the area the same way you entered.

In remote surroundings, mark the general area where you encountered a munition, so local authorities can locate it.

DO NOT go closer to a munition when marking the area.





What To Do If You Encounter Munitions

 **Report:** what you saw and where you saw it.

Monday through Friday, 0800 – 1600:

- Call Range Control Fire Desk: (804) 633-8224 / 8157

Off-Duty Hours:

- Call the Police Desk: (804) 633-8888 / 8911

Off Post:

- Call 911

Authorities will clear the area and trained EOD personnel will dispose of the munition.





Additional Resources

<https://3Rs.mil>



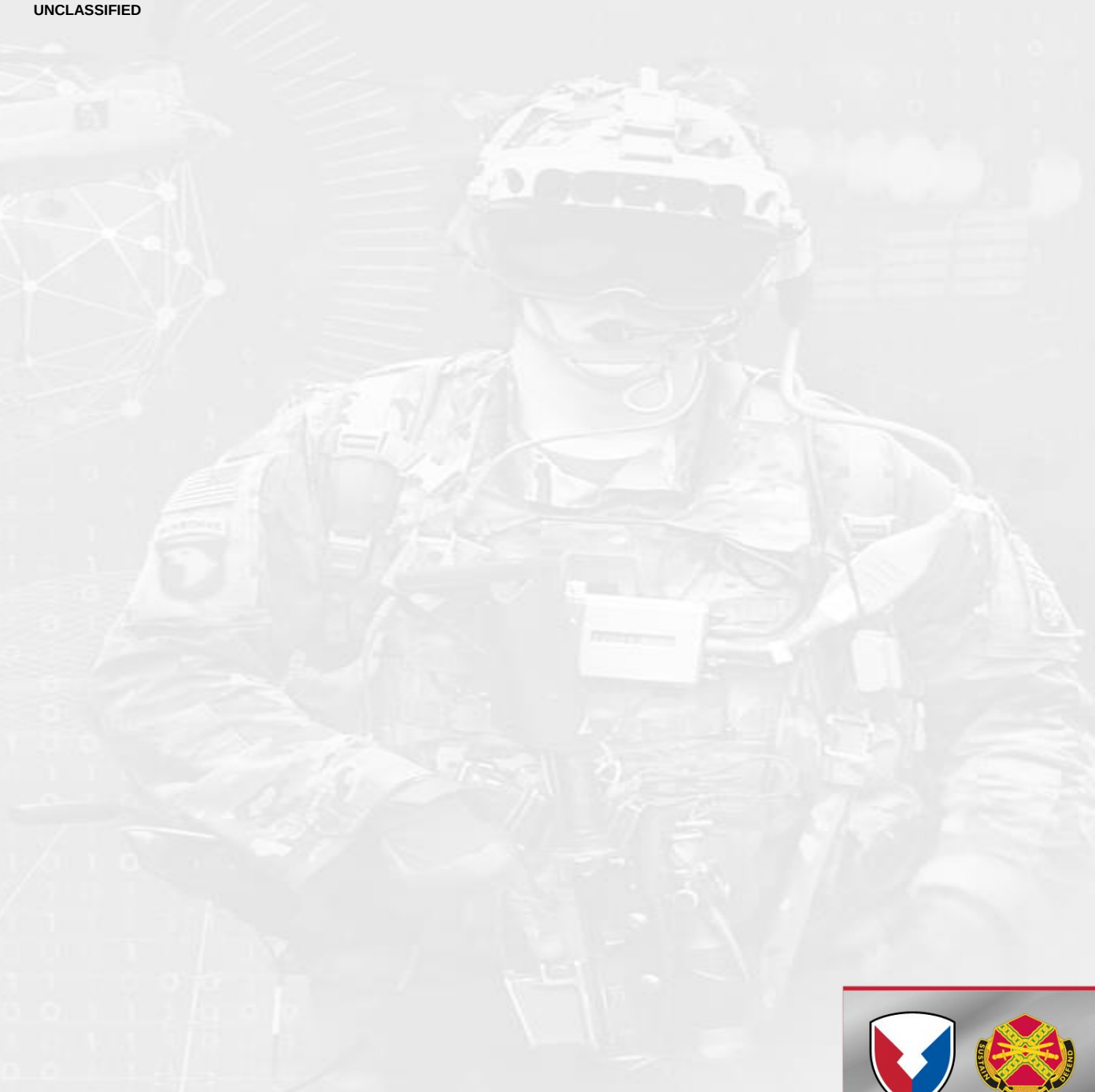
- General Educational Resource Materials (Posters, Safety Guides, Fact Sheets, Videos)
- Gallery of Photos UXO Incidents
- Information for Kids & Families, Military & Their Families, Communities, and Workers
- Safety Clubhouse Games for Kids
- Contact Us Page





Conclusion

- Alibis
- Discussion
- Closing Comments





Contact Information

If you have questions, or require further assistance, please contact your Installation or Range Safety Office.

Safety Office Manager: Mr. Joshua Vandiver

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