



Mine Awareness Training







Intro



Remnants of War: (ROW) Explosive Remnants of war (ERW) Other

- ERW :
 - -unexploded ordnance (UXO)
 > Abandoned Ordnance
 -Placed ammunitions
 > Mines
 > IED
- Other:
 - -Infrastructure trenches bunkers etc
 - -remnants of ammunitions
 - -Other "stuff"





















Causes of accidents

- Ignorance
- Curiosity
- Arrogance
- Souvenir Hunting







Basic safety rule



Be Prepared Be Informed Be Aware









If you didn't leave it Don't touch it!

Stay on roads known to be safe!





Ammunition categories

- Thrown
- Dropped
- Projected
 - Direct
 - Indirect
- Placed
 Mines
 - IED's







thrown





dropped







Dropped cluster ammunition









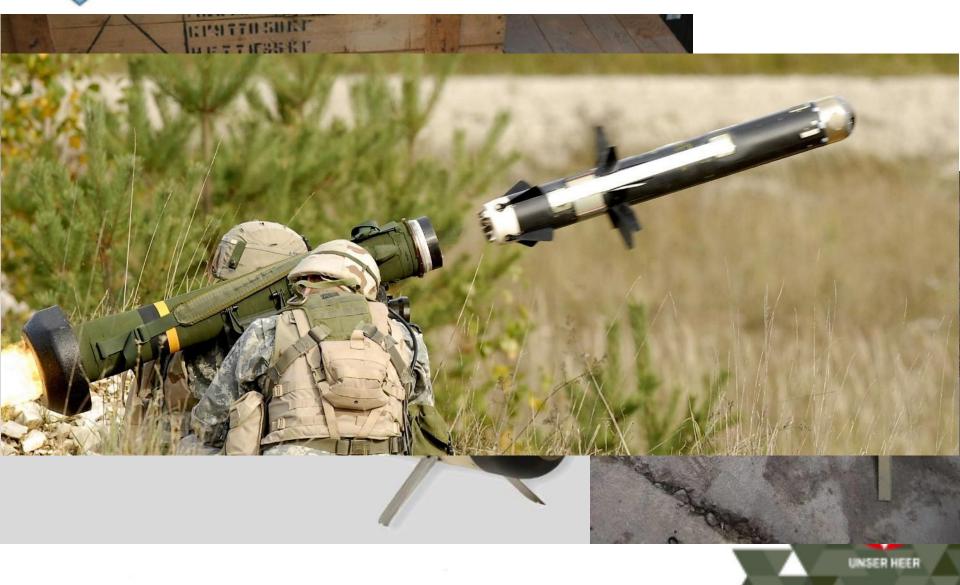


Projected Direct





AUSTRIAN ARMED projected (rocket/missile)







Projected indirect







Projected indirect (remains)





projected indirect (artillery)







WP





155 H ILLUM ROJNRIOS EMZ 80-1 17-0315 Illum **UNSER HEER**

projected indirect (mortar)







projected indirect (mortar)











mortar remnants





Projected indirect (rockets)







Projected indirect (rocket cluster)





UNSER HEEF



Projected indirect (cluster mines)









Placed mines



Placed mines AP blast











Placed mines AP fragmentation







Placed mines AP directional OSCE fragmentation

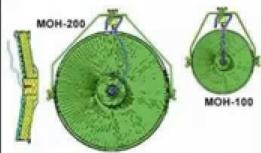




MON-50







MON-100 & **MON-200**



(SE)









Placed mines AP fragmentation bounding



Placed mines AT track attack









Placed mines AT Full width attack







Противопехотная мина ПМН-4 нажимного действия (фугасная)

Mines in their natural habitat







• IEDs can be disguised as virtually any object,

IED

- Remotely controlled devices allow the bomber the ability to watch and target forces from distance
- Main charges can use any available type of explosives









IED

Time Delay/ Indirect Vuur

PRT Feyzabad

North

17 SEP 08 2 Rockets detonate IVO PRT Feyzabad

3 Rockets were set for initiation

VOIEDs !!!



UNSER HEER





And now you found one!

Mines







Emergency procedures in a minefield

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Ε

- M : MOVEMENT stops immediately. Stand still and remain calm, or if in a vehicle, stop and do not attempt to reverse or move the steering wheel.
 - **NFORM** those around you of the threat, and your headquarters of your situation and need for specialist assistance over the radio. Use the car horn to attract attention if in a vehicle.
- **NOTE** the area and visually identify any other threats such as tripwires, other mines etc.
 - **EVALUATE** the situation and be prepared to take control to avoid additional casualties and ensure those approaching are informed of the threat.
 - **DONT** attempt to move from your position. Wait for qualified help to assist you.





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Who	:	Name, organization
What	:	Group, kind of ammunitions,
		shape, color
Where	:	Location, coordinate
When	:	Date and time
How	:	Approach, marking.

REPORT

Or format that is prescribed in your area





Official Markings







Official Markings







Official Markings







Improvised markings









Improvised markings



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Improvised markings



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Combat indicators

- Markings
- Vissible ERW
- wires
- Wrecks
- Cadavers
- Craters
- Waste
- Ground signs
- Special locations
 - -Abandoned buildings,
 - -destroyed objects
 - -battlefield remnants
 - -Strategical relevant locations







Visible ERW







Visible ERW

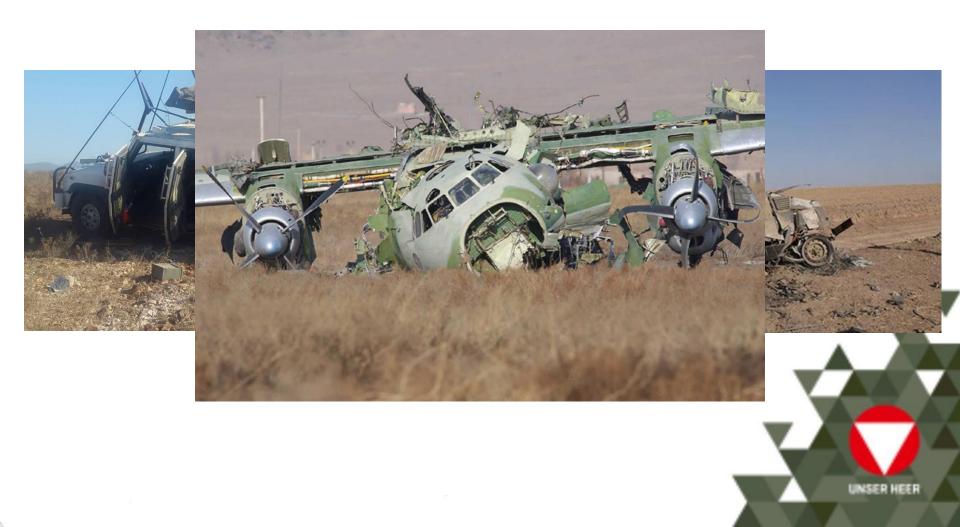


UNSER HEER





Wreckage







Cadavers







garbage















Ground signs







Abandoned buildings







Military installation

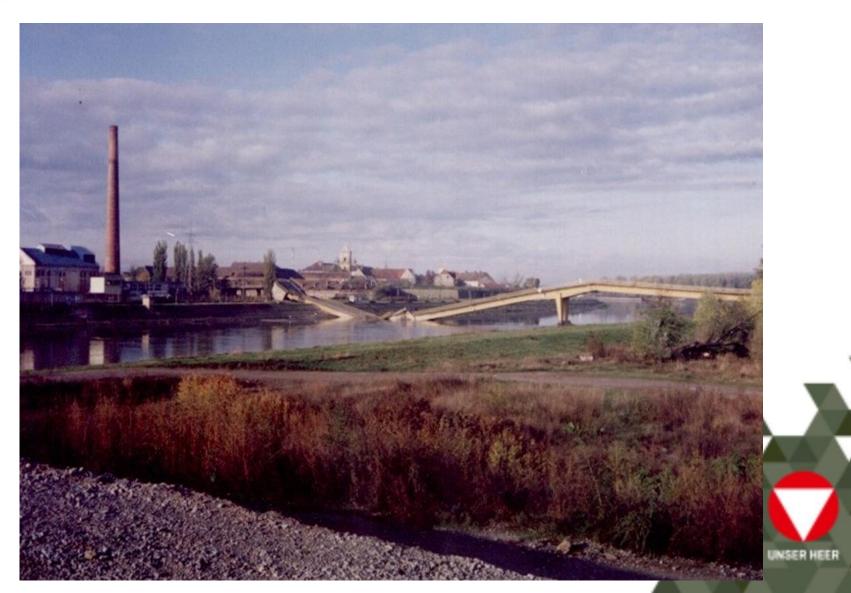
BLU 61 B – A/B : Terrain







Obstacle







Questions?

