

## SUBTERRANEAN WAFARE (SUB-T)/ RESCUE:

Asymmetric Solutions SUBTERRANEAN WARFARE Training Package Prepares The Warfighter To Operate Safely And Effectively In A Subterranean Environment. Instruction is Provided By Former Members of Elite SMU's With The Most Current Experience And Ground Level Knowledge Specific To The Subterranean Warfare Battlespace. Instructors Augment The Unit's Current SOP's With Specialized Tactics And Equipment Developed To Mitigate Dangerous Environmental Factors While Still Being Able To Effectively Remove And Deny The Enemy's Advantageous Positioning In This Environment

### DOMINATE THE SUBTERRANEAN SPACE.

**Over 5 Miles of Tunnel System Designated As 'The SAFEST Sub-T Training Facility In The United States' According To The Mine Safety and Health Association (MSHA)**

#### Asymmetric Solutions Subterranean Training Facilities:

#### Asymmetric Solutions SUB-T Training

##### (AS SUB-T TRAINING COMPLEX #1 ROLLA)

- 2 X Tunnels With Over 2,900 Linear Ft Of Accurate Representation of Both Man-Made And Repurposed Mines Found In the CENTCOM AOR
- 6 X Vertical Shafts For Tactical Ascent/Descent Varying 25-40 ft Deep X 4-5 ft Wide
- 3 X High Powered Turbines To Remove Smoke And Induced/Simulated Gasses In Under 2 Minutes (Optional Roll Away Feature For Operations And Safety)

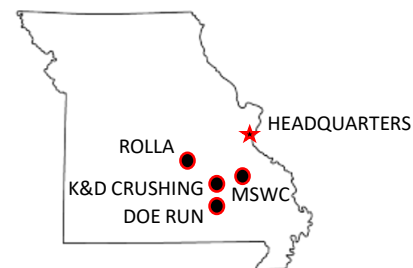
##### (AS SUB-T TRAINING COMPLEX #2 DOE RUN)

- 1 X Mechanized Vertical Shaft Tunnel **1000 Ft** Below Surface
- Over **15,000** Linear Ft Deep Underground System (DUGS)/CBRN/WMD
- Over **3,450** Linear Ft of Subterranean Machinery Maintenance Area, Parts Storage Warehouses, Bunkers, And Subsurface Operations Control Offices
- **7,500** Linear ft Of Tunnel With Multiple Drifts That Lead To A **4,050** Linear ft Advanced Set Of Drifts And Crosscuts That Intersect (Tunnel Size Ranges From 28ft Wide & 14ft Tall to 30ft Wide & Over 100 ft Tall)

##### (AS SUB-T TRAINING COMPLEX #3 K&D Crushing)

- 1 X Portal Denial Explosive Research Site with Portals 7ft h x 7ft w x 30ft Deep For Testing Portal Charges
- (Mine Safety and Health Association (MSHA) APPROVED SITE)

- Small Team To Collective Training At The Platoon/ODA Equivalent Size
- Tactical Call Out Vs Surreptitious Entry
- Operational Risk Mitigation
- Mapping And Flow
- Subterranean CQB TTP's
- Breaching And Extrication
- Explosive Vs Manual Breaching
- Scenario Based Training With Live Role Players For Real Time Feedback
- Latest Technologies Utilized In The SUB-T Space for Preservation Of Life Specific To The Operator and Increased Mission Success
  - Real-Time Mapping Technology
  - Launchable/Hand Deployable Gas Detection Sensors
  - Subterranean Communications System
- Oxygen Breathing Apparatus (OBA)
- Multi-Team, Multi-Entry Scenarios
- Full Mission Profiles At The Team And Platoon Level
- Vertical Ascent And Descent Training And SOP's



**SUBTERRANEAN WAFARE (SUB-T): TRAINING INSTRUCTORS/ FACILITIES SAFETY FEATURES**

**(MSHA) Designated SAFEST Underground Training Facility In The United States**

The **SAFEST**, Most **REALISTIC**, And **CONTROLLED** Sub-T Training Environment Available

**Asymmetric Solutions Maintains The Highest Standards Specific To Operational Risk Management and Training Value In Everything We Do**

- Instructors Are Mine Safety Officer Qualified
- Lead Instructor Certified Mine Gas Expert
- Multi- Portal Entry Points For Added Safety
- Lights, Electricity And Water Systems Throughout Entire Training Complex For Quick And Centralized Use
- 3 X High Powered Shaft Turbines To Clear Smoke, Simulated Gases, Or Other Contaminates In Under 2 Minutes.
- Tunnel Designed So Regardless Of Individual Location, A Student Could Escape The Complex And Reach An Exit Or Portal On A Single Breath Hold
- Vertical Shafts With Built In Escape Ladders Or Have Ladder Accessibility
- Spaded Gravel Floor Base Throughout Designated Parts Of Complex To Avoid Trip Hazards While Conducting The Full Spectrum Of Training
- Gas Free Training Environment Unless Simulated For Training Purposes
- Entire Complex Is Fixed With 6 & 7 Ft Bolts In The Ceiling/Backing Throughout In Order To Conduct Subterranean Explosive Testing And Explosive Breaching Without Destabilizing The Overhead Surface. This Important Feature allows For Continuous Training Without Interruption
- Fencing Attached Around Portal Entrances And Determined Blast Areas To Catch Any Potential Rock Fall
- DOD Compliant/ Certified On-Site Storage Magazines For Explosives And Munitions
- Mercy Hospital Approximately One Minute From Training Site
- Phelps County Hospital With Extended ER And Dedicated Air 4 Minutes Away.

**‘The Hyper Enabled Operator’**

**Asymmetric Solutions is teamed with industry leading experts in R&D and implementation of the latest technologies and equipment supporting Sub-T efforts**



**World Wide Technology**



**Company Information**

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611699 All Misc. Schools  
928110 National Security  
922120 Police Protection  
561512 Security Guards & Patrol

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