

SATT (SPECIAL ADVANCED TACTICAL TRAINING)

\$1,359 PER STUDENT

BLOCK 14 – EXPLOSIVE BREACHING & DEMOLITION

SATT Block 14 training focuses on explosive breaching and demolition theory, doctrine, operations, and employment of military explosive charges used in tactical breaching and demolition. Students learn how to calculate Net Explosive Weight (NEW), determine Minimum Safe Distance (MSD), calculate over-pressurization risk and implement protective measures when utilizing military explosives. Students learn knowledge and skills on how to construct multiple explosive breaching charges from standard military demolition materials, charge application breaching team SUT, TTPs, and SOPs, target reconnaissance and leadership briefings. The course begins with Student academics and hands-on construction of inert breaching charges, then Students gain field knowledge with a dry-fire (inert) practical exercise, culminating with a comprehensive live-fire breaching scenario

TRAINING & CONCEPTS COVERED:

- ✓ Explosive & Range Safety
- ✓ Explosive Breaching & Demolition Doctrine
- ✓ Explosive Theory & Principles
- ✓ Military Explosives & Components
- ✓ Net Explosive Weight (NEW) Calculations
- ✓ Minimum Safe Distances (MSD) Calculations
- ✓ Blast Over-Pressure Calculations
- ✓ Net Explosive Weight Special Math
- ✓ Protective Measures
- ✓ Explosive Charges, Construction & Application
- ✓ Modern Demolition Initiators (MDI)
- ✓ Building Construction Types & Standards
- ✓ Tactical Employment TTPs & SOPs
- ✓ Tactical Breaching Operations & SUT
- ✓ Breaching / Demolition Reconnaissance
- ✓ Breaching / Demolition Briefings
- ✓ Breaching Equipment & Accessories
- ✓ Advanced TTPs & SOPs

- Linear Flex Shape Charge
- Doughnut Charge
- Silhouette Charge
- Concrete Fracture Charge
- Water Impulse Charge
- M112 - C4 Block Charge
- Det Cord, Type 1,
- M81 - Fuse Ignitor
- M11/M19 - Initiators
- Shock Tube



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| Day 1 | Academics & Demolition Familiarity | Classroom | Handbook | Theory, NEW & MSD Calcs., SOPs, TTPs, |
| Day 2 | Academics & Inert Charge Construction | Classroom | Handbook | 7x Charges, Application, Employment, TTPs |
| Day 3 | Inert - Urban Lane Practical Exercise | Dry-Fire | Static | Breaching Recon., Hasty Brief, Inert Hands-on |
| Day 4 | Live - Urban Lane Practical Exercise | Live-Fire | Dynamic | Live Charge Construction, Deliberate Brief |
| Night 4 | Live - Urban Lane Practical Exercise | Live-Fire | Dynamic | NVGs, Deliberate Brief, Night TTPs & SOPs |
| Day 5 | Student AAR | Classroom | | Lessons Learned, Sustain, Improve, Actions |