

# TAC SIM

## TACTICAL SIMULATIONS



**CQB/FORCE ON FORCE  
TRAINING FACILITY**

## TACTICAL SIMULATIONS TRAINING FACILITY

Tac Sim is a purpose-built training facility situated in Melksham Wiltshire.

14000 sqft over two floors of CQB/Force on Force training arena designed to provide realistic scenario-based training in a safe environment using non-lethal projectiles.

- Two Stairwells (closed and open)
- Hallways and Landings
- Multiple Rooms including Complex and Blackout Rooms
- Tactical/Practical Range (targets/portable catchers)
- Breach Doors
- Classrooms
- Simulation Suite
- Effects including Lighting, Sound and Pyro
- Parking

## CLOSE QUARTERS COMBAT/CLOSE QUARTERS BATTLE TRAINING

CQB is one of the most dangerous, complex, and rapidly changing lethal environments due to its short distances, chaotic levels of violence, and unpredictability. The environment is a connected physical, close proximity infrastructure which adds another layer of complexity and lethality.

50% of the world's population now lives in cities which makes operations in an urban environment unavoidable. According to the UN, Libya has an urban population of over 80% and Iraq is over 70%.

There are three fundamental principles to close-quarters combat for an operation to be successful:-

1. Surprise
2. Speed
3. Controlled Violent Action

CQC teams must understand these principles and how they fit into the overarching combat strategy before executing combat tactics



## **CONTINUED DEVELOPMENT**

## **FORCE ON FORCE TRAINING**

The British Army and armed Police forces must continue to recognize the benefits of importing best practices and innovation through external attachments and civilian organizations.

### **FORCE-ON-FORCE TRAINING**

Force-on-force training has gained recognition as an essential component of firearms training in particularly CQB/CQC.

*Combative engagement simulation in which military personnel square off against opposing forces to develop the skills and experience necessary to achieve and survive their mission.*

Force-on-force training is scenario-based training that induces fear and stress of a life-threatening situation with role players and realistic firearms that fire non-lethal ammunition.

### **ADVANCED REALISTIC TRAINING**

The majority of military and law enforcement weapons training is conducted on a standard shooting range against an immobile, two-dimensional paper target which represents a threat. To upskill for more advanced realistic training is to incorporate force-on-force scenario training using non-lethal ammunition.



## **NON LETHAL AMMUNITION**

### **USING HIGH-END AIRSOFT FOR FORCE ON FORCE TRAINING**

Airsoft is a platform that is powered by an electric or gas mechanism that fires a 6mm bb round at around 350 to 500fps.

Several systems on the market are available for force-on-force training including FX, Simunition, and Airsoft all with their own advantages and disadvantages. These three platforms deliver the ultimate learning stimulus – Pain.

### **USING THE LEARNING STIMULUS - PAIN**

Students will understand the fine fundamentals of CQC/CQB by the application of punishment or reward during training. A student will have a better understanding of a certain tactic or movement when they receive physical feedback – PAIN.

Airsoft platforms do just that.



## TACTICAL SIMULATIONS

Tac Sim can provide you with an adaptable realistic training facility for CQB/Force on Force training enabling you and your team to gain the experience and training skills required to operate in the ever-changing urban environments.

Tac Sim will also provide you with M4 airsoft weapon systems, ammunition, and protective face masks.

For more information or to book please telephone 07971 730231 or email [tactical\\_simulations@hotmail.com](mailto:tactical_simulations@hotmail.com)

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