



MILITEC

Close Quarter Engagement Training.

Close Quarter Engagement Training is known by various names or descriptions including, CQB, FIBUA, MOUT, etc.

Militec provides a realistic training package that is easy to set-up and program.

Below is an example of what a typical training package may contain, though quantities and types of mechanisms will vary according to each particular shooting range and desired scenario.

1. Portable radio controlled target mechanisms, such as:-
 - a) The M2100 Multi-Function Mechanism that provides the Shoot, No-shoot option. Its easily fitted brackets offer various target presentation modes.
 - b) The M3450 Linear Target Mechanism which is designed to provide a realistic target presentation by moving in either an upwards or sideways direction.
 - c) The M4300 and M4500 Moving Target Carriers.
2. A selection of trigger devices each with its own short range radio transmitter.
3. Sound distraction units. These may be linked to a target mechanism or used as a stand alone unit.
The AC310 Sound Distraction Unit is unique in that it offers the user the ability to record their own sounds such as, shouting, screaming, dogs barking, etc. for play-back when signalled.
4. Ruggedised portable laptop computer, with its easy to program UART (**U**ser **A**ctivated **R**eactive **T**arget) software which comes pre-loaded.

To set up a range:-

- i) Position the target mechanisms in their desired locations.
- ii) Position the trigger devices to suit.
- iii) Connect distraction devices.
- iv) Program the sequence of operations on the laptop computer, entering each function in turn in the order of expected engagement.

Following set-up the shooting range may then be run directly from the laptop computer or the portable handset controller.

An example of a single stand alone set-up comprising of a target mechanism with a Trigger Receiver and a Sound Distraction Unit, is shown below.



The usual scenario would be that the training program is initiated by the action or movement of the trainees as they advance through the range - by the opening of a door, breaking of an infra red beam, or shining a torch into a room, for example.

The system allows for target mechanisms to be activated from:-

- a) The computer/controller.
- b) Trigger devices, i.e. Pressure Mat, PIR, etc
- c) Other target mechanisms by transmitting a signal to other target/s:
 - i) As it is being triggered itself.
 - ii) As it exposes a target to the trainee.
 - iii) As it is turning/falling away.
 - iv) As it receives a set number of hits on the target.
- e) The distraction devices can also be programmed to occur when:
 - i) A target is signalled to Expose.
 - ii) A target is turning/falling Away.
 - iii) A selectable number of hits on the target have occurred.

The setting up, and changing of a range layout is easily achievable, because communications between the target mechanisms and trigger devices are via radio, thus eliminating the need for trailing cables.