

Training Range Program Guidelines

The **Simunition**[®] Training Range Program is a service provided by **Simunition**[®] to help qualified ranges, such as those used by private trainers under contract to train law enforcement, military personnel or security market sector, for the use of **Simunition**[®] training products.

Please note that this program is not suitable for training private citizens or recreational activities.

To be approved for the **Simunition**[®] Training Range Program, you must fulfill the minimum requirements listed below;

- Proof of \$2 million USD general company liability insurance annually.
- Formal agreement to NOT train civilians with any of our products (signed by both parties). ***SIMUNITION[®] Product line is for use in training Law Enforcement, Military and Civilian personnel employed in the Security Market Sector.***
- Formal agreement to NOT resell our products.
- Mandatory attendance and successful completion of the **Simunition**[®] Scenario Instructor Training Course ***PRIOR TO THE*** acceptance ***ONTO THE RANGE PROGRAM and MUST ATTEND*** re-certification every 3 years thereafter ***WHILE ON THE RANGE PROGRAM.***

If you agree to meet all of the above requirements, simply complete the following form.

Improper use of **Simunition**[®] ammunition can cause injury, loss, damage or death. Users should exercise the same firearm handling precautions as with live ammunition. **Simunition**[®] ammunition should only be used in well maintained, properly functioning firearms. Always keep the barrel free of any obstruction.

Only **FX**[®] **Marking Cartridges** and **SecuriBlank**[™] are non-lethal. All other **Simunition**[®] **cartridges** are lethal, and therefore not for use against human targets.

Simunition[®] ammunition should be stored in a cool, dry place.

Keep out of reach of children

Buyers and users assume all risks of use.



SecuriBlank® Cartridges

SecuriBlank® Cartridges are designed for use with interactive, video-based simulator systems, laser-based battle training systems, K-9 squads and firearms familiarization. They are one of only two non-lethal **Simunition®** ammunition (the other one being **FX® Marking Cartridges**). For safety reasons, GD-OTS Canada recommends a minimum 3-foot (1 meter) safe stand-off distance when firing **SecuriBlank®** and users are required to wear approved eye protection.



FX® Marking Cartridges

FX® Marking Cartridges are designed for force-on-force simulation and are one of only two non-lethal **Simunition®** ammunition (the other one being **SecuriBlank®**). For safety reasons, GD-OTS Canada recommends a minimum safe stand-off distance when firing **FX® Marking Cartridges** at personnel, which are:

- 1-foot (30 cm) for 9 mm and .38 cal.
- 3-foot (1 m) for Clipped 5.56 mm
- 6-foot (2 m) for Linked 5.56 mm

Users are required to wear **Simunition®** approved head, throat and groin protection and to avoid any exposed skin when using 5.56 mm **FX® Marking Cartridges**.



CQT® Cartridges

CQT® Cartridges are lethal and should not, at any time, be used against human targets. They are designed for shooting practice on reactive, paper or cardboard targets. Users are required to wear approved eye protection during training exercises.



Greenshield® Cartridges

Greenshield® Cartridges are lethal and should not, at any time, be used against human targets. They are designed for shooting practice on steel targets. Users are required to wear approved eye and hearing protection during training exercises.



Short Stop® Cartridges

Short Stop® Cartridges are lethal and should not, at any time, be used against human targets. They are designed for use on ranges where ricochet and stray bullets travelling beyond standard target distances pose a problem. Users are required to wear approved eye and hearing protection during training exercises.



Conversion Kits

Use of **FX[®]**, **CQT[®]** and **SecuriBlank[®]** ammunition is approved only in firearms which have been converted with a **Simunition[®] Conversion Kit**. Conversion kit installation is required to help preclude the inadvertent chambering of live ammunition, and to ensure the proper operation and cycling of the weapon. **Simunition[®] Conversion Kits** have been designed with various safety features, including a smaller bore diameter, a live-fire exclusion slot, and a distinctive coloured conversion barrel. These kits are designed to fire only **Simunition[®] reduced-energy cartridges**, and are not authorised for use with any other kind or brand of ammunition. The manufacturer cannot be held responsible for accidents, including injury, should any ammunition other than **FX[®]**, **CQT[®]** and **SecuriBlank[®]** ammunition be fired from **Simunition[®] Conversion Kits**.

If the gun fails to fire, avoid exposure to the breech when unloading and always point the muzzle in a safe direction. Appropriate safety measures should be implemented by users prior to and during all training sessions.

It is strongly recommended that weapons which have been converted for use with **FX[®]**, **CQT[®]** and **SecuriBlank[®]** ammunition be clearly identified as such before any training scenario takes place. It is good practice to use brightly coloured plastic tape on the muzzle end, on the trigger, on the grip, and on the bottom of the magazine.

Reloading is prohibited. The manufacturer assumes no responsibility for injuries, loss or damage resulting from the use or misuse of this ammunition.

It is highly recommended that after removal, kits and weapons be thoroughly cleaned and lightly lubricated to avoid potential functioning problems related to dirty mechanisms. **Simunition[®] Conversion Kits** cannot be warranted against firing live ammunition.

FX[®] 9000 Protective Equipment

The **FX[®] 9000 Series protective equipment** has been designed and tested under rigorous laboratory conditions to resist impacts from all **FX[®] Marking Cartridges**. General Dynamics Ordnance and Tactical Systems-Canada Inc. recommends the following minimum stand-off training distances when firing at protected personnel*.

- 1-foot (30cm) for 9 mm FX[®] and .38 cal FX[®] Marking Cartridges
- 3-foot (1 m) for 5.56 mm FX[®] Marking Cartridges (clipped)
- 6-foot (2 m) for 5.56 mm FX[®] Marking Cartridges (linked)

Due to the nature of the **FX[®] training system**, users must refer to their respective in-service training guidelines and regulations for the authorized force-on-force stand-off distances. For use only with **Simunition[®] FX[®] Marking Cartridges**. General Dynamics Ordnance and Tactical Systems-Canada assumes no responsibility for injuries, loss or damage resulting from use or misuse of this equipment. **Simunition[®]** and **FX[®]** are product lines of General Dynamics Ordnance and Tactical Systems-Canada Inc.

**Protected personnel are defined as personnel using approved mandatory FX[®] head, throat and groin protection (and no exposed skin when using 5.56 mm FX[®] Marking Cartridges).*

SAMPLE SAFETY BRIEF AND PRE-MISHAP PLAN

1) Lethal Concerns:

- a) Identify all zones and staging area. *I have done a safety sweep of the safe zone for lethal items prior to anyone entering.*

- b) *All lethal weapons that have not been modified to fire the non-lethal live FX[®] Marking Cartridges, magazines that have not been inspected and lethal ammunition, will be removed from the immediate training area.*

- c) *All weapons to be used in this training evolution will have the proper SIMUNITION[®] Weapons Conversion Kits installed. I have or will verify the weapons right after this brief.*

- d) *All magazines to be utilized in this evolution will be inspected by me Training Safety Option (TSO) and marked with brightly colored blue tape. Ammunition **shall not** be filled in the magazines without the Safety Officers approval. I will be responsible for issuing all magazines with FX[®] or SecuriBlank[®] Cartridges. I will issue all weapons and training aids as well. No cartridges of any kind shall be carried in anyone's pockets at any time, before, during, or after training.*

- e) *No knives or sharp objects are permitted in the training area. Leave all nonessential metal items here in the semi safe zone. They will slow down the inspection process. You can retrieve them after the training event.*

- f) *Everyone please do an inspection of yourself and your gear, then get a buddy check. You will receive a final personal safety inspection by a safety officer before entering the Safe Zone.*

2) Protective Equipment:

- a) *All personnel will wear proper protective clothing. This includes all personnel identified as staff, students, role-players, VIP's and support personnel. As a minimum, the clothing should include:*
- Duty equipment and uniforms, minus the lethal items. Appropriate optional clothing for role-players should fully cover the arms and legs and hands.*
- b) ***Face/eye, throat and groin protection is mandatory and shall be worn at all times by personnel directly involved in or near the training evolutions. ALWAYS check your mask prior to use. Be sure the lens is locked firmly into place and that the mask is free of cracks. Make sure the mask is in a good safe condition. When in doubt, replace it. (Tell your students that they need to physically go over the face mask during the brief to ensure the understanding of how the mask works and how to properly put it on. All students should have their mask out checking it while TSO is going over it.) (Demonstrate)***
- c) *The groin area shall be protected by the use of a hard athletic cup style groin protector for males and females if marking cartridges are being used.*
- d) *If the face mask or any other piece of mandatory equipment becomes dislodged during training, immediately protect the exposed area with your hands, kneel or become prone, shout out “cease fire” and wait for all action to stop. Replace the equipment when it is safe to do so. SHOTS TO UNPROTECTED EYES WILL CAUSE PERMANENT EYE DAMAGE.*
- e) *Does anyone NOT have the appropriate personal safety equipment? (Make sure).*

3) General safety rules for training evolutions:

The General Safety Rules will be strictly adhered to and I will enforce them. General Safety Rules are always in effect during evolutions utilizing FX[®] Marking Cartridges. They are:

- a) All participants must display safety awareness and good judgment at all times. Remember the Laser Rule with your weapons.*
- b) I Training Safety Officer (TSO) am the only person who can grant permission for the training cycle to begin. When I am satisfied with the training area security, that everyone is wearing the proper clothing and protective equipment, and I am satisfied with the safety of the intended scenario, I will start the training cycle by announcing that the range is “HOT”. **Then I will give permission to the Officer in Charge (OIC).***
- c) **That he can have his students lock and load weapons at his discretion.** When the OIC tells you that you can load and make ready your weapons, point your weapon in a safe direction, charge it, re-holster/sling the weapon and prepare for the scenario. At no time will any loaded weapon ever leave the immediate training area.

At no time shall any attending personnel remove any of his/her safety equipment, until I have called the range “COLD”.*
- d) I will need a full head count of all personnel and all weapons will be cleared and safe with a buddy-check before I call the range “COLD”.*
- e) If you hear “**CEASE FIRE**” or the sound of a whistle or air horn, you will immediately stop training, point your weapon in a safe direction, and wait for further instructions.*
- f) If anyone sees anything at any time that they think is unsafe, they may stop training by shouting “**CEASE FIRE, CEASE FIRE!**” All participants will pass along this word, until all training has been stopped.*
- g) No weapons disarmament will be attempted by any Role-player, without direct approval from me. (Give example of why).*
- h) I have the final authority to adjust anything necessary to insure safety of all participants.*
- i) There will be no “brutalizing” of the role-players.*
- j) Don’t discuss the scenarios with anyone else. Let the other students enter the same unknown situations as you did.*
- k) No horseplay or joking around will be tolerated.*
- l) Report all injuries to the instructor staff.*
- m) Remember and adhere to the control word “ **PAIN – RED, etc** ”.
(Define what the meaning of this word is).*
- n) If you have a weapons malfunction during a scenario, clear it, continue.*
- o) If you leave the training area after inspection, you must be re-inspected before returning to the training area.*

4) Mishap procedures:

*In the event of a personnel injury, the nearest person to the victim will shout “**CEASE FIRE, CEASE FIRE**”, until all training has been stopped. Remember keep your masks on until the range is called “Cold”. Upon hearing the “**CEASE FIRE**” command or a whistle or air horn, point your weapons in a safe direction and wait for further instructions. If necessary, due to the severity of the injury, The OIC will get a head count and give the command to “Clear and make safe all weapons”. At this time, face in a safe direction, clear and safe your weapon, leave the bolt/slide to the rear/cylinder open and get a buddy check. Once all personnel are accounted for and all weapons have been determined to be clear and safe, I will call the range “Cold”. At this time, if not directed by a staff member elsewhere, all students will return to the staging area and stand-by for further instructions.”*

I have read, fully understand and agree to strictly adhere to the stated conditions listed in the Simunition® Training Range Program Guidelines:

Name of Training Facility

Name (print or type) Title

Signature

Date