Introducing MIL-SIM-FX’s revolutionary new MIL-ECHO system.

Interchangeable with the existing MIL-SIM-FX modular platform, this roadside IED effect simulator is externally charged to ensure maximum safety, easier fielding, risk-free storage and multiple detonations all in one configuration.

Containing several Counter IED Detection Reaction training devices clustered within a single lightweight caddy, the ECHO compartmentalized design allows for deployment as is or within a network of caddies for unlimited detonations. Leaving the charge tank exposed permits various platforms of gas to be used, including liquid, vapor and compressed air.

Interchangeable heads allow operators to create their own unique training simulation by combining various capabilities in sequence. This unlimited customizing targets a multitude of unique training simulations of modern warfare. The ECHO is the perfect solution for mounted operations training.

Modular/ Customizable
Rapid Deployment
Added Safety Features
Multiple Detonations

A combination of externally charged devices for maximum safety and ease of use, in one quick deploying carrying caddy.

HEADS SOLD SEPARATELY
INDIVIDUAL DEVICE SHOWN WITH ECHO EXTENDED CAPABILITIES.

LARGE VISUAL CUE PROVIDES INSTANT RECOGNITION FOR ALL TRAINEES (PHOTO TAKEN FROM INSIDE OF MOVING VEHICLE).

THE 15 CM TUBE VOLUMIZER CONNECTS TO THE EXISTING ECHO SYSTEM FOR ADDED FX POWDER (COOL SMOKE) CAPACITY.

INSTALL THE BOTTLE PROTECTOR WHEN BURYING THE DEVICE OR PLACING ON A ROADWAY.

PRESSURE RELEASE DETONATOR.

THE 7.6 M OF AIRLINE USED TO CONNECT DETONATOR WITH DEVICE.

THE 15 CM TUBE VOLUMIZER CONNECTS TO THE EXISTING ECHO SYSTEM FOR ADDED FX POWDER (COOL SMOKE) CAPACITY.

RE-DIRECTS THE BLAST 90° FROM HORIZONTAL.

THREE ADAPTERS TURN AN INDIVIDUAL DEVICE FROM THE ECHO INTO A BURIALE DEVICE.
MIL-SIM-FX
INTERNATIONAL INC.

UDOX IMEES SYSTEM
Urban Dismounted Operations With Extended Capabilities

Constantly evolving urban warfare has led to complex combat conditions and an even tougher training environment. MIL-SIM-FX’s new UDOX IMEES System with Extended Capabilities was designed to meet these challenges.

A multifaceted configuration of products with the ability to safely and effectively simulate small explosions using 12 gram CO2 cartridges and FX Powder (Cool Smoke).

In addition to the Trip Wire Devices, Radio Controlled Pipe Bombs, Basic Suicide Vest and Magnetic SQUIBS the UDOX IMEESS includes Right Angle Pipe Bombs, Suicide Vest with Directional Charge, Pressure Applied and Pressure Release Detonators and Low Profile SQUIBS.

A variety of detonators include: Radio Controlled, Pressure Applied, Pressure Release, Tripwire and Command Initiated.

The UDOX IMEES System also comes complete with its own UDOX IMEESS Case, Field Supply Case and Start-up Consumables!

Modular
Easy Fielding
Extended Capabilities

Tel. 519-688-0287
Fax 519-688-2063
www.milsimfx.com
Introducing MIL-SIM-FX's Non-Pyrotechnical Distraction Device Simulator. Based on our rubber burst disc technology, this device is the perfect for urban style training. Complete with durable case, the products are housed within a custom built chest designed for easy fielding and self inventorying.

The MIL-SIM-FX Non-Pyro Distraction Device offers a simple solution; a safe reusable training simulator that uses a disposable CO2 cartridge and a rubber burst disc at a cost of under three dollars.

MIL-SIM-FX works with trainers to support challenges they may encounter. In this way, we can modify existing designs and products within our systems, specifically tailored to help simulate realistic and safe effects.

Our commitment to International Defence does not stop after the product is sold. In order to keep our customers on the cutting edge of training we continually enhance and evolve our products.

MIL-SIM-FX Devices have out performed their expectations through many rigorous field training exercises. MIL-SIM-FX is the tip of the spear for non-pyro training. As the challenges of real world situations change, so do the abilities of MIL-SIM-FX Devices.

Available with or without powder cavity

Durable and reusable training simulator for rigorous field training exercises

Also available with a powder cavity for visual signature effect
Introducing MIL-SIM-FX’s Universal Electrical Initiated Blast Simulator.

Capable of multiple configurations while maintaining a small footprint, the MIL-E3 takes MIL-SIM-FX pipe bomb technology to the next level. Three modes of detonation, combined with a modular design, make the Universal Electrical Initiated Blast Simulator adaptable to any urban combat training environment.

Low Profile
Multiple Capabilities
Light Weight
Introducing MIL-SIM-FX’s family of Suicide Vest Simulator Kits.

MIL-SIM-FX’s revolutionary Suicide Vest Simulator Kits are the perfect solution for tactical engagement training. The four hole nozzle head evenly disperses the concentrated stream of powder into a safe, robust and localized powder signature. Each kit comes complete in a durable case for easy field handling.

These safe and reusable training simulators use the cost effective consumables of rubber burst discs, disposable 12 gram C02 cartridges and FX Powder (Cool Smoke). The vest itself can be worn on any torso and is adjustable.

MIL-SIM-FX’s Suicide Vest Simulator Kits raise the bar for realism in the arena of urban combat training.

- MILES Compatible (Optional)
- Durable
- Reusable
- Safe
- Easy Set-up

Directional signature effect for realistic training scenarios

The four hole nozzle head utilizes a safe signature effect

Right angle head pipe bomb can also be used as a stand alone device

Time delayed photography of Suicide Vest detonation

The complete Suicide Vest kit (shown above) with right angled heads for directional charge capabilities.
CONCUSSIVE FX HEADS
Directional Charge Concussive PET Bottle Adapter/
Concussive PET Bottle Adapter

INTRODUCING MIL-SIM-FX’S EASY TO USE CONCUSSIVE FX PET BOTTLE ADAPTERS.

- Allows for maximum audio signature in Mounted Convoy Operations
- Consumable platform consists of PET bottles (plastic bottles) and FX Powder (Cool Smoke)
- Machined Aluminum
- Hard Anodized Olive Drab

180° OMNI-LATERAL DISCHARGE

MIL-PET-BA

Large visual cue provides instant recognition for all trainees

MIL-PET-DBA

60° OMNI-LATERAL DISCHARGE

Projects powder signature directly on roadway

WWW.MILSIMFX.COM
Introducing MIL-SIM-FX’s Night Training Illumination FX.

- Part Number: MIL-ILLUM-FX
- Machined Aluminum
- Replicate flash of an explosion
- Illuminate plume of powder
- Interferes with night vision goggles
- Olive Drab Powder Coating
- Works in conjunction with the MIL-RX-75S*
- 2 LED lights mounted on a steel powder coated base w/ magnetic feet
- Nyloc nut for 180° angle adjustment
- Weight – .7 kg
- Length 13 cm x Width 12 cm x Height 13 cm

A high output LED strobe designed to integrate into night training.

Safe
Durable
Quick Deployment

MIL-ILLUM-FX is designed to integrate with night training.

Interferes with night vision goggles
MARKING ROUND HEADS
FOR MAXIMUM MARKING EFFECT

MARKING_rounds provide undeniable damage assessment
Introducing MIL-SIM-FX’s adaptable MIL-LM.

- Part Number: MIL-LM
- .9 kg pull on Tripwire
- 18 kg pressure on Pressure Release
- Water Resistant

Sturdy and lightweight, MIL-SIM-FX’s Non-Pyrotechnical Landmine Explosive Effects Simulator can be used in a multitude of IED threat simulations. Easy to load and deploy, this internal detonation device provides pressure release detonation and tripwire detonation capabilities. Six drain holes prevent water build-up inside the head during extended deployment.

An audio signature is created using patented burst disc technology while FX Powder (Cool Smoke) can be used to create an additional visual signature. MIL-SIM-FX Landmines offer a safe and reusable solution for detection reaction combat training.
PRESSURE RELEASE

Improvised Pressure Release Explosive Device Simulator

MIL-SIM-FX’s Dead Man Switch IED simulator has a low profile design for quick and easy concealment. Once the pressure lever is depressed the device is irreversibly armed and detonates upon release. MIL-DMS-IED operates on MIL-SIM-FX’s patented rubber burst disc technology and uses one 12 gram C02 cartridge per detonation.

Dead Man Switch Detonator

Light weight and rugged, the Dead Man Switch detonator adds versatility to any combat training scenario. Operators simply press down the lever and release when ready to detonate. MIL-12G-DMS uses one 12 gram C02 cartridge per detonation.
Pressure Applied Detonator

Light weight and rugged, the Pressure Applied Detonator adds versatility to any combat training scenario. Operators simply apply 4.5 kg of pressure when ready to detonate. MIL-12G-PAD uses one 12 gram CO2 cartridge per detonation.

Compact
Rugged
Light Weight

Detonator operates on command

Pressure Applied detonation

Stand alone system operates off one 12 gram CO2 cartridge

MIL-SIM-FX's Pressure Applied Detonator can also be used for Pressure Release detonations using a Dead Man Switch Pierce Pin Plug (Sold Separately)