RANGE DEVICES & TRAINING AIDS CATALOG 2017
Who We Are

We believe in God, the United States of America, and our duty, honor, and commitment to live those beliefs by providing the best products and services we can deliver to you.

We promise service, creative dialogue and innovative and collaborative product design. We do our very best to deliver products and services that will exceed your expectations and requirements on every project. You are not just a customer or client, you are our Partner. That means our first goal is for you to be successful in accomplishing your mission using our products and our services.

Our second goal is to create a thriving business enterprise while honoring our values of faith in God and the United States, integrity in word and performance, and gratitude for the blessings we receive every day.

How will we accomplish those goals?

First, we honor God by living each day in awe and humble appreciation of his creation. We pause often to recognize His gifts and endeavor to weave them into our lives and all our products and services.

We honor the people that make up Patriot Products by listening to their needs and aspirations. We know we will only be successful by helping them grow their service ethos, develop their skills and creativity, and honor their mutual dedication to our endeavor.

We honor our Partners by listening and opening all of our creativity, expertise and efficiencies to develop products, and package services, that meet their requirements.

We honor our communities by listening to professional and social needs and offering our skills and support.

We honor the marketplace by listening for how we can share our values, by encouraging and helping other businesses grow and succeed, and by fairly honoring our competitors.

Inside this catalog you will find Range & Training Aids that were developed from working closely with our Partners to arrive at successful solutions. As with any publication we may not have offered here all the information you need in order to plan or decide on a product or service,

So...Please Call Us! if you have questions or concerns or you have a need for something that you don’t find here. We believe one of our strengths is flexibility in creating a new solution to help better train and support today’s modern warfighter.

May we show you how….."we begin where others end"
SPECIAL PROJECTS and SERVICES

Patriot specializes in Custom and Special Projects. We design and build solutions for anything your Site or Range may require. We specialize in pneumatic, hydraulic and electrical design and our staff has a wide background from robotics to mechanical actuation.

If you have a recurring problem or in need of a solution or have an idea, we can work with you to bring it to finish product. Be it an Indoor 360-degree live fire “quick change” shoot house or 100 target pneumatic Combat Range; we have the experience and proven record of success.

Patriot is your one-stop source for Range Modernization and we excel at problem solving.

Please contact us for any assistance you need if just to discuss over the phone or we come on site. You can count on Patriot to Team with you with confidence, reliability and long term support.

At Patriot…."we begin where others end"

NAVSCOLEOD CAVE COMPLEX

NSWDG MULTI-COMBAT RANGE
#TABLE OF CONTENTS

##KNOWN DISTANCE CARRIAGES
- KD Carriage Lifter ..................................................... 1
- KD Motorized Drive .................................................. 2
- KD Target Holder System ............................................. 3
- KD Target Turners ..................................................... 4
- KD Running Man ....................................................... 4

##PORTABLE BULLET TRAPS
- Portable Lead Clean-Out Bullet Trap ................................. 5
- Modular Dual Lane Range Bullet Trap ............................... 6
- Portable Bullet Traps .................................................. 7-9
- Ballistic Rubber Replacement Panel Assemblies .................. 10
- Ballistic Rubber Panels/Inserts ..................................... 11
- Bullet Trap Mobile Bases ............................................. 12
- Portable Stadium Trap ................................................ 13
- Mobile Range Wall .................................................... 14

##STEEL TARGETRY
- Iron Maidens ........................................................... 15
- Spinning Man Target ................................................... 16
- Non Automated Targets “NATs” .................................... 16
- Long Range Swingers .................................................. 17-19
- Sniper Head Targets ..................................................... 20
- Central Nervous System Targets ................................... 21
- Hangman Sniper Target ............................................... 22
- Reactive Tactical Targets ............................................. 23
- Pepper Poppers ........................................................... 24
- Plate Racks ............................................................... 25
- Dueling Trees ............................................................ 26
- Motion and Static Targets ............................................ 27-30
- Heavy Duty Target Stands ............................................ 31

##AERIAL TARGETS
- Environmentally Friendly Stationary Targets "EFSATS" ............ 32-36

##BALLISTIC SIT/SAT SHIELDS
- Stationary Infantry Lifter Shields ................................... 37-40
- Dual SIT and MAC Shields ............................................ 39, 41
- Stationary Armor Target Shields ..................................... 41
- M855A1 EPR Round Coffin Berm Shield ............................. 42

##VULCANIZED BALLISTIC RUBBER
- Vulcanized Ballistic Rubber Panels & Blocks ..................... 43-45

##MULTI-PURPOSE PNEUMATIC TARGET SYSTEMTM
- RELOCATEABLE BALLISTIC WALLS ................................ 50-51
- RANGE FIRING BARRICADES ........................................ 52
- PORTABLE BATTERY CHARGING STATION ....................... 53
- HOSTILE FIRE SIMULATOR .......................................... 54
- RANGE HOT FLAGS .................................................... 55
- LIVE-FIRE SHOOT HOUSES .......................................... 56-57

##MOUT TRAINING LANES
- Mobile MOUT Structures ............................................. 60-64
- Atmospheric MOUT Training Lane Props ........................... 65-69

##IED/MINE SIMULATORS
- IED/Mine Simulator Kits .............................................. 70-73
- IED/Mine Simulator Accessories .................................... 74

##ARMSON MAX-DUTY SIGHTS
- TARGABOT .................................................................. 77-80

##THERMAL TARGETS
.............................................................................. 81-83
Patriot Products has designed and produced a target carriage that is unsurpassed by all others. Designed to install quickly, these target carriages are the most rugged, durable, abuse resistant models you can install on your range. Heavy-Duty and 99% maintenance free, the KDC-84GEN2 lifters are constructed of heavy gage structural steel, stainless steel chains with full length built-in guards, environmentally friendly zinc galvanized finish, and other rust free materials. Greaseless for life with the Patriot Dura-Glide guidance system, these carriages outperform and outlast all other carriages. Smooth, quiet, and counter-balanced for easy operation whether you use one target or two. (Motorized version pictured)

**Holds Dual 72” x 72” Targets**
**Heavy Duty Bumpers**
**No Grease, No Oil**
**Full Length Safety Guards**

**Galvanized/Urethane Polyester Finish**
**Dura-Glide rail guide system**
**Stainless Steel/Co-Polymers**
**Functions in all environments**

**Weight Counterbalance System for Single Target**
**4-Point Galvanized Anchoring System**
**Stainless Steel #50 Drive Chain and Sprockets**
**Stainless Steel Self-Aligning Drive Train Bearings**
**Withstands Constant Force Gale Winds over 120 Knots**
**Heavy Duty/Rugged - Smooth, Quiet Motion**
**Built-in Safety Chain Guards**
Known Distance Target Carriages

Motorized Drive Automatic Operation

#KDC-AMDS

Drive System Standards

- 230VAC 3-Phase motor
- One 56C frame, three-phase, horizontally mounted motor
- One High Torque gear box
- One Variable Frequency Drive unit
- Two limit switches to indicate each end of the travel

Control System Standards

- NEMA 4X non-metallic control enclosure
- 230VAC 3-PH motor attached to 90 degree gear box
- 1 HP Mitsubishi Variable Frequency Drive (or equivalent)
- Two limit switches for up and down travel
- One selector switch located on the lifter for manual up and down travel
- Dry set of contacts to show each position (Up/Down)
- One “Up” start signal and One “Down” start signal
- Emergency Stop push button

Known-Distance Target Carriage Motor Drive System

Automatic motorized drive for heavy-duty and maintenance free use. The KDC-84GEN2 Drive System will arrive as an integral part of the KD carriage. All components for the Drive System and the Control System are pre-mounted on the lifter, and pre-wired complete and fully tested.

The drive system incorporates the following standards: 230VAC 3-Phase motor, one 56C frame, three phase, horizontally mounted motor with high torque gear box, variable frequency drive and all limit switches.

The control system includes NEMA 4X non-metallic control enclosure, motor and drive, contacts, and all items required to control Known Distance target up/down motion.

Wireless or direct operational controls configured per your range requirements.
Known Distance Target Carriages

#KDC-84G2F
Known Distance Carriage Poly-Target Frame System
72” x 72” Target Area

Lasts for years!
Tremendous money & man-hour saver!

Patriot Products Universal KD ButtsBoard is designed to replace the standard wooden frames used on Known Distance ranges throughout the military. Made from poly-blended material with non-shattering properties, these frames replace the traditional wooden 2” x 4” frames for known distance targets. They will withstand thousands of rounds and help prevent ricochet injuries. Environmentally friendly, these frames can be recycled upon end of use with no site legacy. Replaces costly man hours to build and maintain, withstands all types’ weather and lasts for years under normal use.

- A totally weatherproof, UV-resistant, self-healing, all weather frame designed to withstand thousands of direct impacts.
- A universal leg design to accommodate any KD lifter leg orientation
- A 6’x 6’ frame that accommodates all of the current Corplast targets in use via user-replaceable Panel Push pins and Quick Secure-Strap system
- Standard temperature ratings of -40 through 140 degrees Fahrenheit
- High Safety Integrity - No metal above the berm with the Patriot KD System
- Interchangeable support legs
- Withstands wind gusts up to 50+ mph
- Green - Recyclable – Environmentally friendly – No Legacy
- Installs and remove quickly
#KDC-84TT
KD Range Turning Target

4” X 8” x 30” Weight 20 lbs.
Manually operated hardened track
Target turner for 0-90° operation.
Heavy duty steel construction with
hot-dip galvanized finish. Quickly
mounts to the KDC-84Gen2 Patriot
Products KD carriage with ease.
The built-in detent holds the target
securely in reveal/shoot mode.

KDC-84KDRM
KD RANGE RUNNING MAN
MANUAL MOVING
TARGET SYSTEM

Modular Rail System – Installed in 20
ft. sections or to suit target spacing.
Mounts to inside wall of berm face,
not on overhang creating dangerous
safety hazard. Can be mounted on
berm overhead at Government’s
mandate and determination of
viability.
Dual-tube rail system, hot dipped
galvanized for long lasting protection.
No ballistic safety hazard, 100% of
system below berm.
Adjustable travel distance within rail
length. The target swings down to the
operator for easy scoring and folds
against berm wall when not in use.

2017-2018 Optional Automated System Pending

- Adjustable/Programmable
- Jogging – Running – Wounded mode speeds
- LOMAH Hit Detect with Target Variable Reaction
- Integrated with KDC-84GEN2 KD Target Carriages
PATRIOT PORTABLE BULLET TRAPS

PATRIOT PORTABLE LEAD CLEAN OUT TRAP

5.56 M855 ball /5.56 SRTA/SS109/M193 and 7.62/M80/M59/150g ball

Designed for Professionals by Professionals

#PP-2448LCO

24” PORTABLE LEAD CLEAN OUT TRAP
7.62/5.56 BALL

Dimensions: 24” X 36” Weight: 350 lbs.

- Portable Bullet Trap – small footprint
- 24” x 36” shooting surface
- Weight of trap 350# (fully assembled)
- Adjustable height up to 72” high with positive locking system
- Replaceable/Sacrificial 3/8” AR500 Steel (with certifications) - free floating
- Removable lead frag tray for easy cleanout
- All terrain casters, 2 with wheel brakes
- 2” Vulcanized rubber trap face
- Modular design - No tools needed for assembly or disassembly
- All parts on the traps are interchangeable, detachable and stackable for shipping and storage.
- Trap impact box easily detaches from the post and base.
- Impact box zone features four (4) steel carry handles for easy two man transport located on backside of trap (side mount shown)
- Optional stand protection with ballistic rubber (#PP-2448LCO-BSK)

Patriot Products Portable Bullet Traps are considered the leader in LFSH and MOUT venues. Our portable traps were selected exclusively by the US Army for their instrumented LFSH’s globally. Our expertise in metallurgy, ballistics and vulcanized rubber has allowed us to develop traps that withstand the harshest training and heavy firing use.

Environmentally friendly, this trap gives you portability, maximum safety and minimal maintenance. Our air gap technology allows the rounds to pass through, strike our DenShield back plate, splatter and collect harmlessly in the clean out tray for safe and proper disposal.

The vulcanized rubber used for our bullet traps far outperforms other rubber such as cold pressed. Cold pressed rubber shrinks and begins to disintegrate over time whereas vulcanized rubber does not. Vulcanized rubber is 40% denser and heavier than cold pressed rubber in exact equal size dimensions, and density is what stops rounds. Vulcanized rubber has the maximum fire preventive additive available. Traditionally, vulcanized rubber outperforms and lasts 3-5 times longer than cold pressed rubber.
MODULAR DUAL LANE RANGE BULLET TRAP

Patriot Products Controlled SDZ (safety danger zone) Bullet Trap provides a cost-effective, timely solution for both Military and civilian use and is designed, engineered, and built utilizing state of the art methods and premium quality materials. This bullet trap ensures maximum safety in a contained environment and is for outdoor only live-fire shooting.

This portable, self-contained, flexible alternative allows for use in controlled Military, LE, urban and rural areas where outdoor shooting is allowed, but surrounding encroachment makes it unsuitable. From our basic standard unit to a fully optioned model, Patriots expertise and quality craftsmanship provides a true hybrid bullet trap that functions like an expensive indoor range but is the alternative answer for restricted budgets.

Only need for a specific purpose or period of time? Don’t want to purchase? Speak with us about our lease or rental program in which the entire process is handled by us. We deliver and set up, perform monthly service, and handle the lead remediation….no responsibility on the user if desired.

- Leases
- Lead Remediation
- Full Service Plans

- 100% Contained Surface Danger Zone
- Handgun or Rifle Rated 5.56/.223 to 7.62/.308
- Sound Suppression
- Remote generator or direct hook-up
- Full ballistic containment
- HEPA filter systems
- Safe and effective
- Minimal maintenance
- Single or dual lane target retrievers
- Lighting
- Exhaust fan
- Shooter overhead protection
- Shooter lane barrier shelf

**#PP-ML40**
Dual Lane Trap with Target Retrievers and indoor Lane Conveniences

**#PP-ML20**
20’ Dual Lane Trap

**#PP-ML10**
10’ Dual Lane Trap
(US ARMY STANDARD TRAP FOR INSTRUMENTED SHOOthouseS)

The Patriot PBT portable bullet trap is a live-fire target system used to prevent ammunition escapement while training at engaging targets in urban environments. The bullet trap system is excellent for Live Fire Shoot Houses. This heavy-duty and rugged trap incorporates an internal self-adjusting energy dissipation ballistic strike plate. Rounds fired pass through the vulcanized/polymer face for full capture and splatter. The expended rounds are collected in a slide out round capture compartment for easy and safe disposal. The vulcanized rubber is semi self-healing. Video/Comm. cable wraps help prevent trip and injury.

Patriot Bullet Traps are modular and any component can be replaced for longevity and cost savings. Mounts to optional wheeled base with no tools required. Simple and easy relocation inside shoot-house by one person allowing quick setup of various training scenarios. Trap can be hung from wall as well as mount on base.

**Standard Sizes**

- 24”W x 72”H 650# (w/base)
- 30”W x 72”H 750# (w/base)
- 36”W x 72”H 850# (w/ base)
- 48”W x 72”H 950# (w/base)

- Completely modular, replace any single component
- 10” Heavy Duty Wheels – Rolls Easily
- Frame Ricochet Protection
- Slide Out Bullet Catch Tray
- Internal Back-Splatter Protection Shield
- Built in forklift ports
- Removable Pull Handle
- No Tools needed for base removal
- Self-Sealing Ballistic Rubber Face
- Complete Round Encapsulation
- Replaceable Vulcanized Ballistic Rubber
- DenShield™ Frame construction
- Rolls easily by one person on concrete
- Video/Comm. Cable Wrap Hooks
Myths and Marketing Misinformation About Ballistic Rubber

Memorandum

This memorandum is to dispel misinformation, and myths about Vulcanized Rubber vs. Cold Pressed Rubber, also known as Cold Molded, Crumb, Shredded, and Grind and Glue in which rubber is shredded and compressed back together with glue binders. In addition, some manufactures add a small amount of additional known ballistic materials such as Kevlar and Titanium that add no performance to the product, but allow them to market their materials as being superior and stay within marketing truthfulness with no added value.

Patriot Products utilizes a United States manufacturer of rubber products utilizing vulcanization technology AND has extensive experience in what is referred to in this document as “cold pressed product” (with no definition). Patriot has restricted its ballistic control rubber products to vulcanized rubber due to its superior properties, performance, cost-effectiveness, longevity, and safety. You wouldn’t risk your life on the highway with an old rubber tire…why trust it recycled as a ballistic panel? Don’t be fooled by aggressive and clever marketing….. Trust the facts!

FACTS:
A 9x12x24 block of grind and glue cold pressed rubber weighs approximately 76 lbs.
A Patriot 9x12x24 block of superior vulcanized rubber weighs approximately 106 lbs.
Nearly 40% higher density for the same size, same volume block!
Clearly the superior performing and safer rubber panel for your shoothouse.

Fire Suppressing
ALL Patriot Products Ballistic Rubber Panels and Blocks contain maximum ATH fire suppressant properties that reduce the risk of fire from isolated exposure to incidental tracer rounds. The panel itself acts as a self-extinguishing water release item.

Economics
The production costs of cold pressed rubber binder products are lower than those of vulcanized product as it is inferior. However, when the longevity of the product in ballistic applications is considered including service life, maintenance, replacement parts, and disposal costs the overall cost life of the range will undoubtedly be much lower when vulcanized rubber is used and less expensive overall...a best value product.
PATRIOT PORTABLE BULLET TRAP MODELS

#PBT-2448MG
24” Wide PORTABLE BULLET TRAP
7.62/5.56 BALL
Dimensions: 10” x 24” x 54”H  Weight: 475 lbs.
Capture Zone: 20”w x 42”h

#PBT-3048MG
36” Wide PORTABLE BULLET TRAP
7.62/5.56 BALL
Dimensions: 10” x 30” x 54”H  Weight: 530 lbs.
Capture Zone: 26”w x 42”h

#PBT-3648MG
36” Wide PORTABLE BULLET TRAP
7.62/5.56 BALL
Dimensions: 10” x 36” x 54”H  Weight: 600 lbs.
Capture Zone: 32”w x 42”h

#PBT-4848MG
48” Wide PORTABLE BULLET TRAP
7.62/5.56 BALL
Dimensions: 10” x 48” x 54”H  Weight: 850 lbs.
Capture Zone: 44”w x 42”h
BALLISTIC RUBBER REPLACEMENT PANEL KITS

Complete pre-assembled frontal shield replaceable Vulcanized Ballistic Rubber. Set includes new frontal panels, DenShield™ spatter protection shield, polymer mounting bars, and all required hardware.

#PBT2448-BRF
24”W TRAP
TRAP BALLISTIC RUBBER PANEL KIT
Dimensions: 2½”x24”x42” Weight: 125#

#PBT3048-BRF
30”W TRAP
BALLISTIC RUBBER PANEL KIT
Dimensions: 2½”x30”x48” Weight: 140#

#PBT3648-BRF
36”W TRAP
BALLISTIC RUBBER PANEL KIT
Dimensions: 2½”x36”x48” Weight: 160#

#PBT4848-BRF
48”W TRAP
BALLISTIC RUBBER PANEL KIT
Dimensions: 2½”x48”x48” Weight: 200#

Over 1500 rounds in a 12” x 12” area
PORTABLE BULLET TRAP

VULCANIZED BALLISTIC RUBBER PANELS and INSERTS

Superior Vulcanized Rubber Construction

#PBT2448-WO
24” W TRAP
INSERTABLE RUBBER PANEL
2” X 24” X 48”

#PBT3048-WO
30”W TRAP
INSERTABLE RUBBER PANEL
2” X 30” X 48”

#PBT3648-WO
36”W TRAP
INSERTABLE RUBBER PANEL
2” X 36” X 48”

#PBT4848-WO
48”W TRAP INSERTABLE RUBBER PANEL
2” X 48” X 48”

#PBT2448-RI
24”W TRAP
RUBBER PANEL INSERT
2” X 14” X 25”

#PBT3048-RI
30”W TRAP
RUBBER PANEL INSERT
2” X 18” X 25”

#PBT3648-RI
36”W TRAP
RUBBER PANEL INSERT
2” X 24” X 25”

#PBT4848-RI
48”W TRAP
RUBBER PANEL INSERT
2” X 36” X 25”

Fire-resistant ballistic insert mounts into high impact kill zone. Only need to replace the insert and not the entire rubber panel. This allows for inexpensive insert replacement while saving the entire panel over an extended longer use period.
PORTABLE BULLET TRAP MOBILE BASES

Base allows trap to locate into the corners of the shoothouse to maximize floor space. Traps also fit along wall normally as well. Heavy duty wheels for easy trap relocation in shoothouse. Ballistic rubber boots shield the frame to assist in ricochet prevention. The bullet trap is easily removed and remounted on mobile base with no tools required. Removable handle secures to the trap for security and loss prevention.

#PBT3048-CRB
30”W TRAP
MOBILE CORNER (3-Facet) BASE
Dims: 32”x33”x36”H Wgt: 115 lbs.

#PBT2448MG-B
24”W TRAP
PORTABLE BULLET TRAP BASE
Dimensions: 24”x33”x36”H Wgt: 95 lbs.

#PBT3048MG-B
30”W TRAP
PORTABLE BULLET TRAP BASE
Dimensions: 24”x43”x36”H Wgt: 115 lbs.

#PBT3648MG-B
36”W TRAP
PORTABLE BULLET TRAP BASE
Dimensions: 24”x43”x36”H Wgt: 115 lbs.

#PBT4848MG-B
48”W TRAP
PORTABLE BULLET TRAP BASE
Dimensions: 24”x53”x36”H Wgt: 150 lbs.
Patriot Products, LLC
.."we begin where others end"

Ph: 317-736-8007
Fax: 317-736-8082
Email: sales@patriottargets.com
www.patriottargets.com

Patriot Portable Bullet Trap for high angle venues such as football stadiums, arenas, and theaters. Modular in construction it can be carried into the venue in sections, but assembles with no tools required in a matter of seconds. Easy carry and transport.

Heavy-duty powder coated steel frame construction with superior vulcanized ballistic rubber face. Premium certified ½" AR500 ballistic steel back allows for rifle-rated shooting up to .308.

High angle rear adjustable pivot leg allows for various angles of stadium shooting.
The Patriot 48” x 96” Portable Range Wall is the superior choice for ballistic protection when large area reconfigurable traps are required. Constructed with premium certified 3/8 "or 1/2"AR500 ballistic steel and Fully Dense Vulcanized Rubber Blocks, this unit outperforms and outlasts traditional cold pressed units by far.

Ballistic Blocks are replaceable with no tools required, simply unclamp, with the built-in clamping system and remove, relocate, or replace. Built-in ladder allows you to reach the top of the trap quickly and safely.

Removable swivel locking wheels allows this trap to be relocated easily on concrete surfaces. Wheels can be removed if static location is preferred and mounted to the floor. Additional wall sections can be simply adjoined for unlimited lengths to fit your requirements.
IRON MAIDEN

STANDARD FIELDED TARGET FOR THE US ARMY ATS I, II, and III

The Patriot Iron Maiden with Kill Zone Target (IMKZT) provides an audible and visual feedback to shooter. The audible feedback can be heard at long distances. The visual feedback consists of the IMKZT falling backwards revealing a visual flash cue with an auto reset.

#PP-IM762BA
IRON MAIDEN TARGET
UNIVERSAL BASE
36”L X 20”W X 1/2” T (7.62 under)
36”L X 20”W X 3/4” T (50 Cal)

#PP-IM762KZT
IRON MAIDEN .762 & UNDER
KILL ZONE TARGET
30”L X 10”W X 1/2”T Weight
35#

#PP-IM50KZT
IRON MAIDEN 50 Cal.
KILL ZONE TARGET
30”L X 10”W X ¾”T Weight:
70#

Maintenance Free
Long Lasting
Replaceable Componentry
No Batteries to Maintain
No Target Bounce

No Springs or Cables to Break
Stainless Steel Hardware
Auto Reset
Functions in all Terrains
Modular and Portable – Easy Carry Handles
MILITARY STEEL TARGETRY

All Patriot Products Steel Targets are manufactured from premium; laser cut certified AR500 or higher grade materials. Patriot sets the standards when it comes to Military Grade Level steel targets design, performance, durability and longevity.

#PP-500SM
SPINNING MAN TARGET
½” AR500 E-SILHOUETTE

Portable 3-D Target made from premium ½” AR-500. The target is configured so that when hit, it rotates/spins providing a visual as well as an audible response up range. Rugged, heavy-duty and long lasting, this target provides easy relocation for various range layouts.

NON-AUTOMATED TARGETS (NATs)
The Patriot NAT provides a quick relocatable target that is maintenance free. The E-Target can be presented in a standing 90 degree format, or angled for ground deflection. The E Targets slide in and out easily for transport and/or flat storage. The galvanized steel anchor box does not rust and holds the concrete for the long life of the target. The top splatter shield plate protects the concrete for the life of the target as well.

#PP-NAT90
NON-AUTOMATED TARGET
½” AR500 E-SILHOUETTE

#PP-NAT20
NON-AUTOMATED TARGET
½” AR500 E-SILHOUETTE
MILITARY STEEL TARGETRY

US NAVY SNIPER/SCHOOL
CUSTOM DESIGNED
STEEL TARGETRY
LONG RANGE SWINGERS

All Patriot Products MIL-DOT Steel Sniper Targets are manufactured from premium; laser cut certified AR500 or higher grade materials. Patriot sets the standards when it comes to Military Grade Level steel target design, performance and durability. We supply to all branches of the Military both CONUS/OCONUS. Call for details.

#SLRT-762E-CA
ECHO SILHOUETTE
7.62/5.56
LONG RANGE SWINGER
Echo target includes steel target, chains and shackles. Comes complete and ready to hang.

#SLRT-762F-CA
FOX TARGET
7.62/5.56
LONG RANGE SWINGER
“F” fox target includes the steel target, chains and shackles. Comes complete and ready to hang.

#SLRT-762H5-CA
5” HEAD TARGET
7.62/5.56
Hangs with UV resistant fiber reinforced rubber and stainless steel hardware. Comes ready to hang.

#SLRT-762CM-CA
CENTERMASS CNS SILHOUETTE
7.62/5.56
LONG RANGE SWINGER
Echo target includes steel target, chains and shackles. Comes complete and ready to hang.

#SLRT-AWPTS2X4
2”x4” ADJUSTABLE WIDTH TARGET STAND
Stand holds standard 2”x4” for heavy duty target hold. Can link to other stands, Auto-clamp device in leg holders.

#SLRT-01000-100-CA
Heavy-Duty 1” Pipe Stand
Stand holds all swinger targets. Assembles in seconds with no tools required. Breaks down for compact storage and easy carry.

#SLRT-01000-750-CA
Standard ¾” Pipe Stand
LONG RANGE SWINGERS

All Patriot Products Steel Targets are manufactured from premium; laser cut certified AR500 or higher grade materials. Patriot sets the standards when it comes to Military Grade Level steel target design, performance and durability. We supply to all branches of the Military both CONUS/OCONUS.

► 7.62/5.56 & Under Rated

#LRT-762E

ECHO SILHOUETTE
7.62/5.56
LONG RANGE SWINGER
19 ½” x 40” Weight 115 lbs.

Echo target includes steel target, chains and shackles. Comes complete and ready to hang.

► 50 Cal. & Under Rated

#LRT-50BE

ECHO SILHOUETTE
50 Cal. Ball
HIGH VELOCITY LONG RANGE SWINGER
1” x 19 ½” x 40” Weight 225 lbs.

Echo target includes steel target, chains and shackles. Comes complete and ready to hang. Able to withstand 50 BMG auto-fire.

#LRT-STD

LONG RANGE TARGET STAND
18”L X 32”W X 51” Weight 35#
Comes complete with crossbar and chain hardware hanging set. Holds all swinger targets. Assembles in seconds with no tools required. Breaks down for compact storage and easy carry.
LONG RANGE SWINGERS

► 7.62/5.56 & Under Rated

#LRT-762F

F-FOX – 7.62/5.56
LONG RANGE SWINGER
18”L X ½” (IN), Weight 40 lbs.

Fox (head/chest) target includes steel target, chains and shackles Comes complete and ready to hang.

► 50 Cal. & Under Rated

#LRT-50BF

F-FOX – 50 Cal. Ball
LONG RANGE HIGH VELOCITY SWINGER
18”L X ¾” (IN), Weight 60 lbs.

Fox (head/chest) target includes steel target, chains and shackles Able to withstand auto-fire in 50 BMG.

#LRT-STD

LONG RANGE TARGET STAND
18"L X 32"W X 51" Weight 35 lbs. Comes complete with crossbar and chain hardware hanging set. Holds all swinger targets. Assembles in seconds with no tools required. Breaks down for compact storage and easy carry.
SNIPER HEAD TARGETS

► 7.62/5.56 & Under Rated

#LRT-762H5
5” HEAD TARGET – 7.62/5.56
12”L X ½” Weight 9 lbs.

#LRT-762H8
8” HEAD TARGET
12”L X ½” Weight 14 lbs.

Sniper head target 7.62/5.56 and under rated. Hangs with UV resistant fiber reinforced rubber and stainless steel hardware. Comes ready to hang on #LRT-STD stand.

► 50 Cal. & Under Rated

#LRT-50BH5
5” HIGH VELOCITY HEAD TARGET
50 CAL. BMG
12”L X ¾” Weight 13 lbs.

#LRT-50BH8
8” HIGH VELOCITY HEAD TARGET
50 Cal. BMG
12”L X ¾” Weight 21 lbs.

Sniper head target. 50 Cal. and under rated. Able to withstand sniper fire in 50BMG and under. Hangs with UV resistant fiber reinforced rubber and stainless steel hardware. Comes ready to hang on LRT-STD.

#LRT-STD
LONG RANGE TARGET STAND
18”L X 32”W X 51” Weight 25 lbs.

Comes complete with crossbar and chain hardware hanging set. Holds all swinger targets. Assembles in seconds with no tools required. Breaks down for compact storage and easy carry.
CENTRAL NERVOUS SYSTEM (CNS) TARGETS

Central nervous system thoracic target. Hangs with UV resistant fiber reinforced rubber and stainless steel hardware. Comes ready to hang on #LRT-STD.

► 7.62/5.56 & Under Rated

#LRT-762CM
LONG RANGE (CNS) CENTERMASS – 7.62/5.56
8”x20” (Thoracic Zone) Weight 24 lbs.

► 50 Cal. & Under Rated

#LRT-50BCM
LONG RANGE HIGH VELOCITY (CNS) CENTERMASS – 50 CAL BMG
8”x20” (Thoracic Zone) x 3/4” Weight 40 lbs.

#LRT-STD
LONG RANGE TARGET STAND
18”L X 32”W X 51” Weight 25 lbs.
Comes complete with crossbar and chain hardware hanging set. Holds all swinger targets. Assembles in seconds with no tools required. Breaks down for compact storage and easy carry.
#PP-PHSS

Weight: Approximately 75 lbs. Total

The Patriot Modular Hangman Sniper target system is comprised of two AR500 steel plates mounted from 5/16" thick steel chain. The round head plate is 12" and the chest is 16" (both can be modified upon request). The heavy duty steel base is made up of 3/4" thick walled galvanized pipe for strength and rigidity yet allowing weight reduction. Pipe is structurally stronger than solid bar. Each pipe fits into a center mounting point which allows you to set the target on uneven ground. Each target plate is height adjustable using the mounting chains.

The entire Sniper System sets up and breaks down easily requiring no tools which allows users to quickly put the target into action in the field quickly.

Premium Certified AR-500 3/8" plates are effective up to .308 calibers and a 50 Cal. version is available using the Patriot LRT-STD.
#PP-IPEC
PATRIOT TACTICAL T-BOX/CHEST
SNIPER TARGET
18”x30” IPSC Plate & Stand Weight – 90#
IPSC target with “T-Box” and 5” Centermass Central Nervous System area sniper ports. Once you shoot the target points, a plate will swing out and visually reveal a hit. You can then shoot the plate to reset from long distances. Mounts to base and stand (included). Specify caliber to be used for shooting so ported swing targets can be sized accordingly. Breaks Down for easy carry.

#PP-HHT
PATRIOT TACTICAL HEAD
SNIPER TARGET
18”x30” IPSC Plate & Stand Weight – 80#
IPSC target with 8” diameter head that “hides” behind IPSC plate head area. Once you shoot the hostage taker head target it swings around to the opposite side allowing another marksmanship shot to reset. Mounts to base and stand (included). Specify caliber to be used for shooting so ported swing targets can be sized accordingly. Breaks Down for easy carry.

#PP-IPCM
PATRIOT REACTIVE TACTICAL CENTERMASS TARGET
18”x30” IPSC Plate & Stand Weight – 85#
IPSC target with 5” Sniper center chest ported target. Once you shoot the center target it swings around to the opposite side allowing another marksmanship shot to reset. Mounts to base and stand (included). Specify caliber to be used for shooting so ported swing targets can be sized accordingly. Breaks Down for easy carry.
PEPPER POPPERS

#PP-42PN

42” PNEUMATIC AUTO-RESET PEPPER POPPER
42 3/8”L X 20”W X 42”H (IN) Wt.: 180#
Reactive knock-down steel target designed for rugged use and long life with rugged auto-reset and hydraulic decelarator. Actuates from 80 psi min. AR500 steel plate is reversible for extended longevity of target.

#PP-42

42” PEPPER POPPER
PROFESSIONAL SERIES
30”L X 13”W X 42”H Wt. 72#
Reactive 42” full size knock down steel target designed for rugged use and long life. AR500 steel plate is reversible for extended longevity of target. Adjustable pitch angle allows you to set the target for various calibers and distance shots.

#PP-28

PEPPER POPPER 2/3
PROFESSIONAL SERIES
30”L X 13”W X 28”H Wt. 48#
Reactive 2/3rd’s size knock down steel target designed for rugged use and long life. AR500 steel plate is reversible for extended longevity of target. Adjustable pitch angle allows you to set the target for various calibers and distance shots. Audible feedback coupled with the visual drop ensures immediate hit recognition.

#PP-18SAP

SNIPER AUTO POPPER
PROFESSIONAL SERIES
18”H ½”T Wt. 38#
Reactive sniper auto-popper target designed for rugged use and long life. AR550 steel plate is reversible for extended longevity of target. Adjustable pitch angle allows you to set the target for various calibers and distance shots.
MILITARY STEEL TARGETRY

PLATE RACK TARGETS

#PP-DPR

PROFESSIONAL PLATE RACK
Weight 400 lbs.

#PP-DPRRT

PROFESSIONAL PLATE RACK TABLE
Weight 250 lbs.

Heavy Duty professional Operator Level 6-plate target rack that will take serious shooting. Armor plate 8" diameter target on 14" centers with quick-change plates that require no tools. Mounted rotational shafts in self-lubricating 954 hard-bronze bushings that last for years. Heavy duty reset linkage with rugged weather-proof reset strap.

The #PP-DPR12T table mounts to the #PP-DPR. This quick mount table allows for an additional 12 plates to be knocked down for a total of 18 targets. Forward plates must be knocked down first to shoot rear targets. Great combat Range target.
MILITARY STEEL TARGETRY

6-PLATE DUELING TREE

Designed for handgun rifle shooting, this dueling tree is perfect for a long range visual target as well. The heavy-duty construction and Premium Certified AR500 steel targets are mounted to the rotate point with 1” diameter hinge points. Self-lubricating non-metallic thrust bearings ensure smooth gliding rotation of the target. The targets are gravity assisted for resetting after being struck. 6-target configuration, with bi-color finish enables short or long range hit recognition. Damaged plates are easy to replace.
#GRT-500
GRAVITY RESET TARGET
½" x 18"H x 16"W Weight 48#

#GRT-538
GRAVITY RESET TARGET
3/8" x 18"H x 16"W Weight 40#

#PP-SPNR
DOUBLE PLATE SPINNER TARGET
PROFESSIONAL SERIES
Weight 45#
Gravity resetting double plate target that causes the shooter to combine accuracy with timing in order to get the plate to make a complete 360-degree rotation. Targets are 7” and 6” respectively.

#PP-GPST
GROUND POUND STATIC TARGET
3/8" X 42" Weight 35#
42" target with spear type legs that allows you to drive into the ground for quick target set up. Top of target configured for driving into ground. Easy to carry and stores flat. E-Silhouette targets available as well.

#LRT-762P38
FULL SCALE PERSONNEL STEEL SILHOUETTE TARGET
69"High -1/4”-3/4”T AR500
Manufactured as one pc. The 69”H target can be produced carrying a rifle/mortar/machine gun/RPG. Mounts to heavy duty stand and can be stood at 90° or forward lean for round deflection into the ground.
MOTION & STATIC TARGETS

#PP-HVBT
REACTIVE HIGH VELOCITY TARGET
19”x40”x3/4” Military E-Target Plate & 65” Stand

Made from high velocity rifle steel, the 1/2” thick 19”x40” military E silhouette reversible target mounts to stand with 20 degrees forward tilt for ground deflection of rounds. Target is reversible and mounts so that audible ring like a bell sound is achieved when hit. Includes rugged steel heavy-duty stand.

#PP-HVIPSC
REACTIVE HIGH VELOCITY IPSC TARGET
18”x30”x3/4” IPSC Plate & 59” Stand

Made from high velocity AR500 steel, the 3/4” thick IPSC target mounts to stand with 20 degrees forward tilt for ground deflection of rounds. Target is reversible and mounts so that audible ring like a bell sound is achieved when hit. Includes solid steel heavy-duty stand.

#PP-23IPSC
REACTIVE HIGH VELOCITY 2/3 SIZE TARGET
11 7/8”x19 5/8”x ¾” IPSC Target & 65” Stand

Made from high velocity AR500 steel, the 3/4” thick mil-spec target mounts to stand with 20 degrees forward tilt for ground deflection of rounds. Target is reversible and mounts so that audible ring like a bell sound is achieved when hit. Includes solid steel heavy-duty stand.
MOTION & STATIC TARGETS

#PP-HVMP
MULTI-PURPOSE TARGET
7 ¾"x 8 ¼" X 3/8" Target Plate and
65" Post Stand

Made from high velocity AR500 steel, the reversible target mounts to post with 20 degrees forward tilt for ground. Post is additionally protected by angular deflection plate. Target disassembles quickly for easy transport.

#PP-IPMS
MIL SPEC IPSC STATIC TARGET
2/3 Size -11 7/8"x19 5/8" Target and 32” Stand
IPSC Plate & Stand Wt. 60#

IPSC ½" AR500 plate mounts to 32” stand in a 20 degree forward tilt for downward deflection. Great audible ring for feedback when hit. Easy disassembly from stand for storage when not in use.

#PP-CPST
STATIC CLAY PIGEON HOLDERS SET
Weight – 20#

Durable steel static target rods that holds a standard clay pigeon. Quick & easy to set up and withstands shotgun and pistol rounds. Top is configured to allow driving into the ground. Includes 3) 24” Tall stands and 3) 36” tall stands.
MOTION & STATIC TARGETS

#PP-G36S
LONG RANGE "GONG" STAND
24W x 36” (IN), Weight 18#

H-Style target stand that allows all styles of Long Range Gong Targets to mount. Stand allows for targets to slide on with no tools required. Breaks down for flat and easy transport. Constructed of heavy duty steel and finished flat black. Great value stand.

#PP-GSAT
LONG RANGE 12" "GONG" TARGET
½” X 12"L - Weight 28#

Reactive by motion and sound this steel target is designed for rugged use and long life. Premium certified AR500 plate is reversible for extended longevity of target. Audible "gong" feedback coupled with the visual swing/sway ensures immediate hit recognition. Mounts to target stand with no tools required. Great value target.

#PP-GSH8
LONG RANGE 8” HEAD TARGET
1/2”T X 8” Dia. - Weight 18#
Comes w/Hang Kit
Great Value Target.
**#PP-AWPTSM**  
ADJUSTABLE WIDTH PORTABLE  
IDPA / IPSC  
TARGET STAND  
Base: 30” Weight: 13lbs.

Heavy-duty steel construction  
Professional Zinc finish  
Compactly stores in a 20"x4" area  
Perfect for handgun, rifle, and shotgun training  
Auto-gripping construction holds target securely, no clamping!  
Extreme versatility; adjusts to fit any size target or backing, including IDPA and IPSC targets

---

**#PP-FWPTSM**  
FIXED WIDTH PORTABLE  
IDPA / IPSC  
TARGET STAND  
Dimensions: 21” Wide Weight: 13lbs.

World-class target stand custom designed for IDPA, IPSC, & USPSA silhouette targets.  
Professional Zinc finish  
Compactly stores in a 20"x4" area  
Perfect for handgun, rifle, and shotgun training  
Auto-gripping construction holds target securely, no clamping!  
Extreme versatility; adjusts to fit any size target or backing, including IDPA and IPSC targets
ENVIRONMENTALLY FRIENDLY STATIONARY
AERIAL/GROUND TARGETS

RTS III and ATS III Conforming

3-D targets that are full scale replica manufactured from 1" thick A-36 Mild Steel or AR500 designed for 360 degree live fire training (can be modified to ½ scale if desired or different materials or material thicknesses). Designed to withstand 360 degree live-fire direct ammunition impacts up to and including .50 caliber ball/ armor piercing ammunition, 2.75 folding fin aerial rockets (TP/HE/flechette), 30mm TP/HEDP), 20MM (TP/HEDP), MK19-40MM (TP), and indirect 120mm mortar and 155mm artillery impacts. Finish painted with external DTM corrosion resistant paint in olive drab, desert sand, black, or color of user choice. The EFSAT arrives in fully assembled condition, with fully marked and legible lifting holes and a marked center of gravity for safe and balanced transportation via helicopter or ground assets. The final weight is legibly painted on the side for use by the helicopter and heavy lift equipment crews. Environmentally friendly and recyclable, the target can be removed at end of its life cycle leaving no site legacy

DUAL MODEL PART NUMBERS – *10,000 lb. & *12,500 lb.

PP-EFSATBRDM – 10,000 lb.
#AT-TECHF – 12,500 lb.

3-D AERIAL/GROUND TARGET
BRDM (Boyevaya Razvedyvatelnaya Dozornaya Mashina)
Dimensions: 201.6”L x 66.6”H x 86.4”W / Weight *10,000 lb.
Dimensions: 224”L X 82”H X 96”W / Weight: *12,500 lb.

Ph: 317-736-8007
Fax: 317-736-8082
Email: sales@patriottargets.com
www.patriottargets.com

Patriot Products, LLC
“.we begin where others end”
AERIAL/GROUND 3-D “EFSATS” TARGETS

AERIAL 3-D “EFSATS” TARGETS

#PP-EFSATBMP – 10,000 lb.
AT-TSKRF – 12,725 lb.

3-D AERIAL/GROUND TARGET
BMP (Bronevaya Maschina Piekhota)
Dimensions: 214.4"L x 73.4"H x 85.5"W / Weight *10,000 lb.
Dimensions: 238"L x 84"H x 96"W / Weight: *12,725 lb.

#PP-EFSATT72 – 10,000 lb.
AT-TWDGF – 12,250 lb.

3-D AERIAL/GROUND TARGET
T-72 MAIN BATTLE TANK
Dimensions: 253.4"L x 74.9"H x 72.9"W / Weight *10,000 lb.
Dimensions: 228"L x 84"H x 96"W / Weight: *12,250 lb.
AERIAL/GROUND 3-D “EFSATS” TARGETS

AERIAL 3-D “EFSATS” TARGETS

#AT-SA6 – 10,000 lb.
AT-SA612 – 12,725 lb.

3-D AERIAL/GROUND TARGET
SAM - Surface to Air Missile System with 3 missiles
Dimensions: 253.4"L x 74.9"H (Less missile height) x 72.9"W / Weight *10,000 lb.
Dimensions: 238"L x 84"H (Less missile height) x 96"W / Weight: *12,725 lb.

#AT-TCLMF

3-D AERIAL/GROUND TARGET
TECHNICAL TRUCK
Dimensions: 65"H x 72"W x 192" L Weight *6,532#

#AT-TTAC
Technical Truck Add-On
Machine Gun/Mortar/Rocket
#PP-EFSATSS

3-D AERIAL/GROUND
SUICIDE CAR 1990 TOYOTA COROLLA

Dimensions: 52.4”H x 65.2”W x 170.3”L / Weight *5,000 lb.

#PP-EFSATD30

3-D AERIAL/GROUND
Soviet D30 Towed Howitzer Towed Artillery
(45 degree elevated firing position)

Dimensions: 60.3”H x 75”W x 214”L
2-D GROUND ARMOR “EFSATS” TARGETS

ENVIRONMENTALLY FRIENDLY STATIONARY ARMOR TARGETS

#GT-BRDM  #GT-BMP  #GT-T72  #GT-TTRK
BRDM  BMP  T-72 TANK  TECH TRUCK

STANDARD TARGETS
BMP / BRDM / T-72 / TECH TRUCK

Our 2-D targets are full scale replicas manufactured from premium certified AR500 or A-36 Mild Steel and designed for live-fire training finished with DTM corrosion resistant environmentally friendly paint in color of user choice.

Target construction has swing out support legs and the target is self-supporting and does not require additional bracing or anchoring. The target legs swing in and fold up to allow targets to lie flat for shipping or storage. Unique design requires no special tools to set up.

Furnished with fully marked center of gravity attachment points for lifting, the targets can be installed by air or ground assets. Environmentally friendly and recyclable, targets can be removed at end of use leaving no site legacy.

ANY TARGET SILHOUETTE PRODUCED

#GT-TTRK Shown
Traditionally, courses such as Convoy Live Fire have been minimized by fixed target positions which gunners can spot and be prepared for. With Patriot’s Infantry Lifter Shields and Armor Lifter Shields, you can position your SIT, place the Patriot Ballistic Shield on it, conceal if desired to blend it in to the surrounding terrain, and begin fire.

This renders the target point virtually undetectable and thereby creates a realistic reaction and response under simulated combat conditions. A course can easily and swiftly be reconfigured.

Ballistic rubber can be surface mounted to the shields for round encapsulation and to minimize ricochet.

These Live-Fire Ballistic Shields last for many years and can render concrete/earth protection obsolete saving expensive man hours and material costs in maintaining, repairing, or replacing concrete and earth bunker coffins.
INFANTRY LIFTER SHIELDS – ILS

USMC RTS III - US ARMY ATS III

BALLISTIC SIT/SAT SHIELDS

▶ 7.62/5.56 Ball & Under Rated Level

#ILS-7623S
7.62/5.56 ILS INFANTRY LIFTER SHIELD - 3 Sided
36"L X 22 ½"W X 14"H  Weight 145#

#ILS-762
7.62/5.56 SINGLE SIT
ILS INFANTRY LIFTER SHIELD
36"L X 22.5"W X 14"H (IN), Wt. 185#

#PAR-MCBR
ILS Vulcanized Ballistic Rubber Shield Kit
2” Vulcanized Ballistic Rubber that mounts to and encapsulates the Ballistic ILS Shield for addition safety and ricochet protection. Sized to fit any model of SIT/SAT Ballistic Shield.
INFANTRY LIFTER SHIELDS – ILS

USMC RTS III - US ARMY ATS III

BALLISTIC SIT/SAT SHIELDS

▲ 50 Cal. Ball & Under Rated Level

#ILS-50B
50 CAL. BALL SINGLE SIT
ILS INFANTRY LIFTER SHIELD
36”L X 22 ½” W X 14”H  Wt. 245#

#ILS-50ABS
50 CAL. BALL AUTO-FIRE
SINGLE SIT ILS INFANTRY LIFTER SHIELD
36”L X 22 1/2”W x 14”H Wt. 275#

#ILS-DS50B
50 CAL. BALL AUTO-FIRE
DOUBLE SIT INFANTRY LIFTER SHIELD
36”L X 67”W x 14”H Wt. 850#
INFRANTRY LIFTER SHIELDS – ILS

USMC RTS III - US ARMY ATS III

BALLISTIC SIT / SAT SHIELDS

**PAR-76218**
18” Small SIT Ballistic

**PAR-76218R**
18” Large SIT Ballistic Shield
With Mounted
Vulcanized Ballistic Rubber Kit

**#PAR-MAC**
7.62/5.56 BALL Rated
36”L X 28”W x 14”H Wt. 210#
Modular Assault Course 28” wide ballistic
shield with high angle sides

**#PAR-MACB**
7.62/5.56 BALL Rated
36”L X 28”W x 14”H Wt. 210#
Modular Construction
Breakdown version of 28” wide Ballistic
Shield above.
ARMOR LIFTER SHIELDS – ALS

USMC RTS III - US ARMY ATS III

BALLISTIC SIT / SAT SHIELDS

**ALS-50B**

50 CAL. BALL AUTO-FIRE
STATIONARY ARMOR LIFTER SHIELD

Dimensions: 75"W x 29 11/16"H x 48 5/8"
Weight: 1279 lb.

**ALS-50BM**

50 CAL. BALL AUTO-FIRE
STATIONARY ARMOR LIFTER SHIELD
(3-PC MODULAR)

Dimensions: 75"W x 24"H x 61"
Weight: 950 lb.

**PAR-PTA-S**

60" Large SIT Ballistic Shield & Sub Plate Assembly
Sized Specific for RTS III / ATS III

**PAR-PTA-BRA**

60" Large SIT Ballistic Shield & Sub Plate Assembly
With Mounted Vulcanized Ballistic Rubber Kit
TARGET COFFIN EDGE/BERM PROTECTION

#PAR-RETSC
COFFIN BERM EDGE SHIELD
16” X 72” x 22” Weight 700#

- Replaces timbers and railroad ties.
- Lasts for years.
- Installs quickly and simply.
- Saves money.
- Saves man hours.
- Saves range down time.
- STOPS damage to Coffin and SIT/SAT

SIT/SAT Coffin Shield replaces concrete and timber construction against standard ball rounds and the M855A! Enhanced Performance Round. Our new advanced concept in special Vulcanized Ballistic Rubber called EPRubber™ stops and holds the new EPR round dead in its tracks. The EPRubber™ outperforms all other ballistic rubber products tested against it. Backed with Patriots hot dip galvanized premium Denshield™ Rifle Grade Steel, your coffin berms will be safe from harm and last for years. A single assembly drop-in solution that can be installed quickly with unit assets, or we can install.
Myths and Marketing Misinformation About Ballistic Rubber

Memorandum

This memorandum is to dispel misinformation, and myths about Vulcanized Rubber vs. Cold Pressed Rubber, also known as Cold Molded, Crumb, Shredded, and Grind and Glue in which rubber is shredded and compressed back together with glue binders. In addition, some manufactures add a small amount of additional known ballistic materials such as Kevlar and Titanium that add no performance to the product, but allow them to market their materials as being superior and stay within marketing truthfulness with no added value.

Patriot Products utilizes a United States manufacturer of rubber products utilizing vulcanization technology AND has extensive experience in what is referred to in this document as “cold pressed product” (with no definition). Patriot has restricted its ballistic control rubber products to vulcanized rubber due to its superior properties, performance, cost-effectiveness, longevity, and safety. You wouldn’t risk your life on the highway with an old rubber tire…why trust it recycled as a ballistic panel? Don’t be fooled by aggressive and clever marketing….. Trust the facts!

FACTS:

A 9x12x24 inch block of grind and glue cold pressed rubber weighs approximately 76#
A Patriot 9x12x24 inch block of superior vulcanized rubber weighs approximately 106#

Nearly 40% higher density for the same size, same volume block!
Clearly the superior performing and safer rubber panel for your shoothouse?

Fire Suppressing

ALL Patriot Products Ballistic Rubber Panels and Blocks contain maximum ATH fire suppressant properties that reduce the risk of fire from isolated exposure to incidental tracer rounds. The panel itself acts as a self-extinguishing water release item.

Economics

The production costs of Cold Pressed Rubber Binder products are lower than those of vulcanized product as it is inferior. However, when the longevity of the product in ballistic applications is considered including service life, maintenance, replacement parts, and disposal costs the overall cost life of the range will undoubtedly be much lower when vulcanized rubber is used and less expensive overall…a best value product.
VULCANIZED BALLISTIC RUBBER

Vulcanized fire-resistant ballistic rubber panel is up to 40% denser than traditional particulate panels. Edges do not crumble and break. Used for protection to help prevent ricochet and splatter of rounds back to shooter. Protects up to .308/7.62 rounds and under. Panel has offset edging to allow overlap to prevent edge to edge seams that allows rounds to return back to the shooter. Helps reduce airborne lead and noise. Provides safety protection assistance for walls, floors, and ceiling baffles.

USMC RTS III - US ARMY ATS III

<table>
<thead>
<tr>
<th>BALLISTIC PANELS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>#PAR-2424</strong> VULCANIZED BALLISTIC RUBBER PANEL</td>
</tr>
<tr>
<td>2” X 24” X 24” Weight 48#</td>
</tr>
<tr>
<td><strong>#PAR-2448</strong> VULCANIZED BALLISTIC RUBBER PANEL</td>
</tr>
<tr>
<td>2” X 24” X 48” Weight 96#</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BALLISTIC BLOCKS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>#PAR-61224</strong> VULCANIZED BALLISTIC RUBBER BLOCK</td>
</tr>
<tr>
<td>6” X 12” X 24” Weight 72 #</td>
</tr>
<tr>
<td><strong>#PAR-8816</strong> VULCANIZED BALLISTIC RUBBER BLOCK</td>
</tr>
<tr>
<td>8” X 8” X 16” Weight 42#</td>
</tr>
<tr>
<td><strong>#PAR-91224</strong> VULCANIZED BALLISTIC RUBBER BLOCK</td>
</tr>
<tr>
<td>9” X 12” X 24” Weight 105#</td>
</tr>
<tr>
<td><strong>#PAR-91236</strong> VULCANIZED BALLISTIC RUBBER BLOCK</td>
</tr>
<tr>
<td>9” X 12” X 36” Weight 160#</td>
</tr>
</tbody>
</table>
“ENHANCED PERFORMANCE RUBBER”

Special patented Blocks that will stop, capture, contain and render non-lethal the 5.56 Enhanced Performance Round within the Block itself with no AR500 steel used. Advanced technology in vulcanized ballistic rubber methodology continues to make it the superior product over all other forms of ballistic rubber in today’s military and LE use.

#EPR-2424
VULCANIZED RUBBER PANEL FOR 5.56 EPR
2” X 24” X 24” Weight 65#

#EPR-61212
VULCANIZED RUBBER BLOCK FOR 5.56 EPR
6” X 12” X 12” Weight 41#

#EPR-61224
VULCANIZED RUBBER BLOCK FOR 5.56 EPR
6” X 12” X 24” Weight 82#

#EPR-91224
VULCANIZED RUBBER BLOCK FOR 5.56 EPR
9” X 12” X 24” Weight 115#

#EPR-91236
VULCANIZED RUBBER BLOCK FOR 5.56 EPR
9” X 12” X 36” Weight 172#

#EPR-3054
VULCANIZED RUBBER BLOCK FOR 5.56 EPR
2” X 30” X 54” Weight 188#
PNEUMATIC TARGET SYSTEMS

#PP-MPPTS
MULTI-PURPOSE PNEUMATIC TARGET SYSTEM
W/HAND HELD CONTROLLER & 20 LANES

USMC RTS III - US ARMY ATS III

- 90°-180° Turning Targets
- Auto-reset Head Plates
- Removable Chest Plates
- Swing-up Targets
- Static Steel
- Reactive Targets
- Running Man/Moving Target Array
- Targabot Mounts

Modular, 20-Lane customizable structural-frame mounted self-contained range system that allows easy placement and relocation. The MPPTS can also be trailer mounted for mobility and carry its own power and operational supply.

A multi-target modular target system that can be ground anchored, free standing or mobile mounted. This system offers the user pneumatic turning targets, resettable head plate targets, removable steel chest plates, swing-up targets, static steel and reactive targets, and one or two electronic moving target arrays that move the span of the range both directions.

The target mechanisms are protected by an angled AR500 Steel Wall steel deflector plate to negate the need for a permanent protective front berm. The AR500 Steel Wall is angled downwards at 20 degrees, to deflect ricochets to the ground. Optional ballistic rubber is available as well for this wall.

OPTIONAL SYSTEMS

#PP-MPPTS-HH10 - Multi-Purpose Pneumatic Target System with Hand Held Controller (10 lanes)
#PP-MPPTS-AO10 - Multi-Purpose Pneumatic Target System Add On (10 lanes)
#PP-MPPTS-AO5  - Multi-Purpose Pneumatic Target System Add On (5 lanes)
#PP-MPPTS-AO10 - Multi-Purpose Pneumatic Target System Add On (1 lane)
90° ACTUATION PNEUMATIC TURNING TARGET SYSTEM

A 25-Lane rugged, robust and heavy duty, long lasting 90 degree actuated turning target array system that can be stand or wall mounted and holds a standard military 20”x40” E-target silhouette without modification. Each target is individually controllable or can act in synchronization. Targets can be purchased singularly or as the full turnkey system. All hardware, wiring and associated equipment fully ballistic protected as well. Controlled by handheld controller or upgrade.

#PP-PTS90-HH10 - Pistol Pneumatic Target System 90° Turner with HH Controller (10 lanes)
#PP-PTS90-HH5 - Pistol Pneumatic Target System 90° Turner with HH Controller (5 lanes)
#PP-PTS90-AO25 - Pistol Pneumatic Target System 90° Turner Add on (25 Lanes)
#PP-PTS90-AO10 - Pistol Pneumatic Target System 90° Turner Add on (10 Lanes)
#PP-PTS90-AO5 - Pistol Pneumatic Target System 90° Turner Add on (5 Lanes)
#PP-PTS90-AO1 - Pistol Pneumatic Target System 90° Turner Add on (1 Lane)
#PP-PTS90-SPK - Pistol Pneumatic Target System 90° Turner Spare Parts Kit

#PP-PTS180

180° ACTUATION PNEUMATIC TURNING TARGET SYSTEM

A 25-Lane rugged, robust and heavy duty, long lasting 180 degree actuated friend/foe turning target array system that can be stand or wall mounted and holds a standard military 20”x40” E-target silhouette without modification. Each target is individually controllable or can act in synchronization. Targets can be purchased singularly or as the full turnkey system. All hardware, wiring and associated equipment fully ballistic protected as well. Controlled by handheld controller or upgrade.

#PP-PTS180-HH10 - Pistol Pneumatic Target System 90° Turner with HH Controller (10 lanes)
#PP-PTS180-HH5 - Pistol Pneumatic Target System 90° Turner with HH Controller (5 lanes)
#PP-PTS180-AO25 - Pistol Pneumatic Target System 90° Turner Add on (25 Lanes)
#PP-PTS180-AO10 - Pistol Pneumatic Target System 90° Turner Add on (10 Lanes)
#PP-PTS180-AO5 - Pistol Pneumatic Target System 90° Turner Add on (5 Lanes)
#PP-PTS180-AO1 - Pistol Pneumatic Target System 90° Turner Add on (1 Lane)
#PP-PTS180-SPK - Pistol Pneumatic Target System 90° Turner Spare Parts Kit

#PP-PTCS15

15-LANE PISTOL TARGET COMPRESSOR SYSTEM

#PP-PTCS30 - Compressor Pneumatic System with Dryer & Filter System- medium, up to 30 Targets
#PP-PTCS100 - Compressor Pneumatic System with Dryer & Filter System- large, up to 100 Targets

#PP-PTSRC5

MASTER RANGE CONTROL NOTEBOOK SYSTEM

Master Range Control Notebook System for Pneumatic Ranges
#PP-MMTSCIV
Remote Control Running Man Target – LE Model

360 degree ZTR, 24V System, Adjustable Speed 0-6 MPH, Hit Detect, Up to 1,000 Yard RF Operation, Smart Charging Technology, Holds 2-D and 3-D Targets

#PP-MTSWCS Wireless Control Package

*Note – Includes Modem configuration and Firmware setting to match specified/serialized unit.

Exterior Dimensions: 10.62” x 9.68” x 4.87” (L X W x H) Weight: 3.59 lbs.

Joystick Motion Control, 2.4 MHz Operating Frequency, 50 mW (+17 dBm) Power Output, Smart Charging Technology

#PP-MTSHFT 3-D Human Form Target

Life-size, durable, rotomolded semi self-sealing plastic 3-D target with outstanding cold and hot weather durability. Lightweight with full sides and back

#PP-MTSHDS Hit Detect Sensor

Replaceable plug-in hit detect sensor for the PP-MTSCIV Remote Control Running Man Target
Designed to run in all types’ weather and uneven terrain, The RCMMT can handle uneven terrain like 6” grass, dirt and gravel others can’t. Its 360° controlled zero-turn ability allows you to navigate the most intricate of obstacles. The hit detect technology gives you selectable hit count to trigger a kill status. Timed automatic or manual restart after target is “killed”, gives you a dead stop and an up to 10-second programmable pause that is easily discernable from long distances, along with a HIT indicator light on the control panel. These units with their heavy-duty body construction can run through standing water with ease. The Mover is ballistically protected against 5.56 and 7.62 w/removable armor.

The Controls are housed in a waterproof case for operation and storage, resistant to IP 63. The Smart Charging Technology gives you a battery life between 200 and 1000 charge/discharge cycles depending on the average depth of discharge.

- All Weather Conditions
- Adjustable 0-8 mph
- 1,000 Yard Line of Sight
- Aluminum body Construction
- Long-Range Hit Detect
- 2-4 Hr. Average Run Time
- Includes 3-D Torso/2-D Mount
- Traverses even/uneven terrain
- Easily Traverses 10° +/- slopes
- Quick, Responsive
- Heavy Duty/Rugged
- Smart Charging Technology
- All-Terrain Tires
- Battery Life Indicators
USMC RTS III • US Army ATS III

12’ RELOCATEABLE WALLS

#PP-RW4144
Relocateable Modular Ballistic Wall
W/Ballistic Rubber & Pre-Wired for Shore Power
12’L
(Up to and including 7.62 machine gun round capable)
Designed to quickly reconfigure with additional modular sections to create longer walls. Free-standing and stable at 90 degrees perpendicular to the concrete. Includes pre-built shore power connections, power cables, telecommunication cables, conduit, power outlets, L14-20R, CAT5 communication ports and NEMA 4 junction box to house the 4-port network switch, surge protection, and 120V outlet (located inside the box) to power the network switch. Full protection with 2” Patriot UV resistant, environmentally friendly and fire retardant Vulcanized Ballistic Rubber to capture and control ricochets or splatter

#PP-RW4144ME
12’ Master Ballistic Wall w/Ballistic Rubber, Shore Power, & Master Panel Power System
Master End Modular Ballistic Steel Panel. The Master End Modular Ballistic Wall contains an electrical panel that includes all breakers, surge arrestor, and grounding, and easily connects to existing shore power. Each Master End Panel system electrical branch circuit is designed to power up to six SITs.

PP-RW4144BR
12’ Relocatable Modular Ballistic Wall W/Ballistic Rubber
Designed to quickly reconfigure with additional modular sections to create longer walls. Free-standing and stable at 90 degrees perpendicular to the concrete. Easily relocated via forklift or crane. Full frontal and top protected with 2” Patriot UV resistant, environmentally friendly and fire retardant Vulcanized Ballistic Rubber to capture and control ricochets or splatter
8’ RELOCATEABLE WALLS

#PP-RW496
Relocateable Modular Ballistic Wall
W/Ballistic Rubber & Pre-Wired for Shore Power - 8’L
(Up to and including 7.62 machine gun round capable)

Designed to quickly reconfigure with additional modular sections to create longer walls. Free-standing and stable at 90 degrees perpendicular to the concrete. Includes pre-built shore power connections, power cables, telecommunication cables, conduit, power outlets, L14-20R, CAT5 communication ports and NEMA 4 junction box to house the 4-port network switch, surge protection, and 120V outlet (located inside the box) to power the network switch. Full protection with 2” Patriot UV resistant, environmentally friendly and fire retardant Vulcanized Ballistic Rubber to capture and control ricochets or splatter.

#PP-RW496ME
8’ Master Ballistic Wall w/Ballistic Rubber, Shore Power, & Master Panel Power System

Master End Modular Ballistic Steel Panel. The Master End Modular Ballistic Wall contains an electrical panel that includes all breakers, surge arrester, and grounding, and easily connects to existing shore power. Each Master End Panel system electrical branch circuit is designed to power up to four SITs.

PP-RW496BR
8’ Relocatable Modular Ballistic Wall W/Ballistic Rubber

Designed to quickly reconfigure with additional modular sections to create longer walls. Free-standing and stable at 90 degrees perpendicular to the concrete. Easily relocated via forklift or crane. Full frontal and top protected with 2” Patriot UV resistant, environmentally friendly and fire retardant Vulcanized Ballistic Rubber to capture and control ricochets or splatter.

RELOCATEABLE WALL COMPONENTS

#PP-RWSS
Adjustable SIT Shelf for Relocateable Wall

SIT Shelf is stable and has a ±4” range of height adjustability from the primary position (8” adjustability total). Height adjustability is in 0.5” to 1” increments. Hot dip galvanized zinc finish.

#PP-RWEPO
Conduit/Shore Powered Option for Relocatable Wall

Pre-built shore power connections, power cables, telecommunication cables, conduit, power outlets, and CAT5 communication ports for relocatable modular steel ballistic protective wall.

PP-RWFO
Flank Protection for Relocatable Wall

The flank protection for the relocatable walls gives an additional 5 foot segment of wall that provides ballistic protection from fire to the side of the targets. Full facial and top protected with 2” Patriot UV resistant, environmentally friendly and fire retardant Vulcanized Ballistic Rubber to capture and control ricochets or splatter. Attaches to the existing relocatable walls with no onsite modifications or welding required.
PATRIOT RANGE FIRING BARRICADES

#PP-SWFB96
Realistic Firing Barricade Single Window

#PP-DWFB96
Realistic Firing Barricade Double Window

Patriots Realistic Firing Barricades can be as real or as simple as your need requires. Single and double window versions, multi-levels, ledges, swing open shutters, or anything else can be included per your training need.

Solid and rugged, these units are very easy to relocate with the built-in forklift ports. Various material constructions available to match your environmental location and requirements.
PORTABLE BATTERY CHARGING STATIONS

State of the Art Explosion Resistant - Microprocessor controlled Charging System

#PBCS20 PORTABLE BATTERY CHARGING STATION
20’L X 8W (FT)

#PBCS40 PORTABLE BATTERY CHARGING STATION
40’L X 8W (FT)

- Deployable/Re-locatable
- Easy Set-Up
- Remote Generator/Hardwire
- 20’ & 40’ lengths
- DOD/OSHA Format
- Microprocessor Charging System
- Self-Contained
- Reverse arc resistant
- Controlled Ventilation
- Automated Shut Down
- Multiple Storage Racks
- Acid Resistant Coatings
- Acid Neutralizing Trays
- Emergency Eye Wash
- Audio/Visual Alarms
- Acid Resistant Floor
- Spill Floor pan
- Heating/Cooling
- Insulated
- Interior/Exterior Steel paneled
- Spill Containment

ISO MILCON Container modified for a Portable Battery Charging Station. Fully self-contained, insulated and climate controlled. Unit charges all type batteries simultaneously with State of the Art Microprocessor systems.

Other features include: Explosion resistant, safety automated shutdown, hardwired or generator power, DOD/OSHA Format, Reverse Arc resistant, Explosion proof lighting and receptacles, controlled ventilation, multiple battery racks, acid resistant coatings, acid neutralizing tray pads, emergency eye wash station, Audio/Visual safety alarms, Acid resistant floor, full length floor spill safety pan, heating/cooling, interior and exterior steel paneled, Steel personnel doors with panic hardware, D rated protection kit, fire extinguisher, safety signage and more. PBCS20 charges 36 to 72 batteries. PBCS40 charges 36 to 180 batteries.
PATRIOT HOSTILE FIRE SIMULATOR

50 CAL. PROGRAMMABLE SIMULATOR

#PP-HFS50N
PATRIOT HOSTILE FIRE SIMULATOR
12"H X 12"W X 33" Weight 15#

#PP-HFS50
PATRIOT HOSTILE FIRE SIMULATOR
12"H X 12"W X 33" Weight 15#
(Rebuild Customer Unit)

Hostile Fire Simulator (HFS), Manual activation with Push Button Control (50' extension cable included), produces various machine gun sounds to create a hostile training environment utilizing propane & oxygen (small industrial type bottles, not included). The HFS utilizes a water resistant housing, allowing use in wet or dry conditions, with personal safety and overheating protection. Various pre-programmed burst rates and durations of enemy fire are adjustable by the user and simulate multiple enemy machine guns. Device utilizes an environmentally safe rechargeable 12-VDC external battery.

Note* The Patriot HFS can be quoted to be configured for remote operation via controller and/or existing range devices.

► New Guns Complete
► Refurbished
► 24V to 12V Conversion
► Field Ready for Use
► Complete Rebuild Kits
► Stable Tripod Mount
► Spare Parts / Replacement Components
► Integration of HFS control via existing range configurations
► Multiple Burst Settings
► New Stand Alone Design
► 12V Upgrade Kits
Red Safety Firing Range Warning Flag. Range Windage & Hot indicator flag. Red color indicates shooting range is HOT and in use. Extremely durable, weather-resistant nylon construction.

**#PP-SRF3X5**
**FIRING RANGE WARNING FLAG**
36" x 60" Weight 3#

![Image of a 36" x 60" red flag]

**#PP-SRF5X18**
**FIRING RANGE X-LARGE WARNING FLAG**
5' X 18' Weight 8#

![Image of a 5' x 18' red flag]
(Unfinished wall views shown for rust protection reveal)
**PP-SHBD**
Shoot House Ram Breaching Door
36” x 84” Ingress/Egress Ram Breaching Door

**PP-SHCW**
Shoot House Observation Catwalk Section
CATWALK 12’ L x 36” W Linear Foot

**PP-SHCWSL**
Shoot House Catwalk Stairs & Landing
36” wide P-FRP Catwalk Assembly

**PP-SHCBR**
Safety Ceiling & Panels
Ballistic Panel Full Capture Safety Ceiling System
48L x 2.375W - Square Foot
PATRIOT PRODUCTS / MILWRAPS

- Stunning realistic appearance for immersive training
- Lowest lifecycle cost
- Durable material, long life
- MIL-STD tested and proven
- Over 1M square feet of product in use by US Military

P.I.R.A.T.E.™ can be installed on most surfaces without major preparations. The system can be applied to stone, metal, wood, and synthetic panels. Once installed, the product is easily maintained and requires no special handling. P.I.R.A.T.E. is a surface application that is installed without screws or any other feature that damages or alters the surface to which it is applied. The system provides a weatherproof realistic façade that is easily repaired by the end user. No special tools or materials are required for everyday care and use of the P.I.R.A.T.E.™ facade product line.

Initial installation of P.I.R.A.T.E.™ treatments are completed by certified and trained MW Defense Systems technicians. MW Defense Systems technicians are required to complete training provided by MW Defense Systems in order to receive this technical certification. This approach ensures the highest quality installation and validates our warranty.

In the event that the end user has a requirement to change the appearance of the training environment, the second application can be applied over the first layer even more rapidly. P.I.R.A.T.E.™ systems are easily removed without damage to the host surface. If there is a change in mission and the facade needs to provide a different geographical appearance, the original P.I.R.A.T.E.™ can be removed and replaced with new images with no damage to underlying structure.

MW Defense Systems can employ site-specific high-resolution images when provided by the client for mission rehearsals to improve mission readiness. Reconfigured installations are created and applied at an accelerated rate due to the minimum amount of preparation required to create and install the second application.
Photo-Immersive Realistic Aides for Training Environments (P.I.R.A.T.E.™) is a patented, custom manufactured, high performance poly-vinyl laminate printed with photo-realistic details and site-specific images, allowing situational realism and reconfiguration to handle the multiple training scenarios required for Military Operations on Urban Terrain and other training applications.

Reactive P.I.R.A.T.E.™ System (Lenticular) Targets are non-electric, moveable targets that change between "threat and non-threat" as you move around the target in training. Primarily used on containers and buildings for threat identification training scenarios.
Patriot Products, LLC specializes in creating and building COE Urban Training villages. We deliver and erect on site, entire turn-key layouts specialized for your training needs. Large mosques, Power stations, Jails, Vendor Stalls and capable of live fire and can include facades, battlefield and environmental effects.

- Portable
- Deployable & Re-locatable
- Non-Permanent Classification
- Re-Configurable
- Rapid Setup – Stackable
- Multi-levels
- ITAM Friendly
- Many Façade Exteriors

#PMMC40

8’ x 8’6” x 40’
40’ Modifiable Urban Training Container
MOUT TRAINING LANE STRUCTURES

- Steel entry and breach-able doors
- Roll up marketplace doors
- Stairways
- Balconies
- Parapets
- Railings
- Trap doors
- Mouse holes
- Interior wall and doors
- Compound walls and gates
- Signage and cultural effects to match the foreign or domestic location you need to replicate

#PMMC20
8' x 8’6” x 20'
20' Modifiable Urban Training Container

- We design, manufacture and supply COE/MOUT sites from single containers to multi-story Battalion Level training objectives.
- Our COE/ MOUT complexes can be set up for force on force or force on target training

They can be hardened for SRTA firing and can include facades, battlefield and environmental effects such as mosque domes and minarets. Our COE/MOUT sites coupled with the finishing effects of “Faux Mud” provide the most realistic look of a village available.
All training features are robust and will safely withstand day-in, day-out training loads. Our engineering staff can provide designs to meet virtually any safety or loading requirements.

#PVMC-SW
8 ½' Steel Stairway
Interior or Exterior
Complete stairway with Tread, Steps, Handrail, Safety Kick-plates
#PMVC-GA

**FAUX MUD**

Faux Mud finishing offers a level of realism and protection for MOUT/COE Urban Ops Villages while maintaining extreme environmental longevity. High compressive strength allows for rough use in training. Any color variant and atmospheric detail achievable.
#PBOP-120

#PBOP-120

IED OVERPASS/BRIDGE

8’ x 8’6” x 110’ Mock overpass/bridge simulates an actual bridge and is used in an IED Lane Training scenario to train and test the War Fighters on the skills necessary to prepare for, detect, identify, react to and defeat an improvised explosive device (IED) or a vehicle borne improvised explosive device (VBIED) in a tactical environment. The overpass/bridge can be used to force war fighters into a choke point and exposes them to higher safety and attack issues. Further it can allow for simulated high position shooting as well. They learn to assume both offensive and defensive positions and threat responses. Walkway allows passage across overpass.

- ISO shipping containers
- 8’x 8’-6” x 40’ 9600#
- 8’x 8’-6” x 20’ 4800#
- 8’x 4’ x 40’ 2400# (span)
- Panelized
- Exterior Structure Coating: Acrylic Enamel Concrete Gray 100% non-toxic
- OAL including 30’ span roadway – 110’ Feet
- OAW – 8’ Feet
- OAH – From road to bottom of overhead span – 18’ Feet
- From road to top of overhead span – 22’ Feet

Options

- Troop Walkway across 30’ span. Requires landings and stairs/ ladders
- Faux Mud
- Custom configuration and modification
- Full turnkey installation
These MOUT training lane props are ideal for training lane realism and the selections below are some of the most commonly asked for layouts. Full customization for your training lane requirements. Virtually any site atmosphere recreation available to suit your purpose or site requirement.

#PMV-BIKE
MOUT Bike Repair Vendor
Includes Bike Rack, 10 junk bikes, assorted bike parts, workbench

#PMV-BKY
MOUT Bakery Vendor
Two tables with faux bread products

#PMV-BTCH
MOUT Butcher Vendor
Includes steel meat rack, 1 skinned cow head, 6 cuts of meat, 1 rack of ribs, 1 skinned goat, 2 severed goat heads, 1 boiled goat head, 2 skinned rabbits with eyes, butcher cleaver, bloodied apron, Cleaver stump/table
#PMV-CKC
MOUT Chicken Coop Package
Includes Rooster, 4 Hens, tall coop and straw

#PMV-FSH
MOUT Fish Vendor
Two tables with faux ice and 17 large and small fish.

#PMV-FRT
MOUT Fruit Vendor
Three tables with assorted fruits

PMV-EGG
MOUT Egg Vendor
Two tables with 15 baskets of faux eggs

PMV-GRNS
MOUT Grains/Spices Vendor
16 Bags of assorted grains and spices
ATMOSPHERIC MOUT TRAINING LANE PROPS

#PMV-HDWR
MOUT Hardware/Junk Vendor
Includes 2 Bench tables, 75 hardware type goods, assorted junk.

#PMV-PTPNS
MOUT Pot/Pans Vendor
2 shelf units with 50 pots and pans

#PMV-KBOB
MOUT Lamb Kabob Vendor
Lamb kabob grill with 20 skewers of meat, side tray, side table and spice utensils.
#PMV-SPP
MOUT Sheep Pen
Includes sheep, kiln-dried hickory rustic pen and lashings, straw, feed trough, water pail. Quick and easy to set up.

#PMV-VGT
MOUT Vegetable Vendor
Three table stands with various vegetable assortments.

#PMV-WW60
MOUT Village Water Well
39” X 60” Weight: 300#
Village faux water well with Faux Mud polymer based finish. Includes rustic framework, water pail, pulley and rope.
PP-8TPM

SOLAR-POWERED STREET LIGHT

Solar powered LED light which includes a 20' fiberglass pole made of centrifugally cast individually cast fibers and carries a lifetime warranty against glass degradation. Cree luminaries configured to location and lighting requirements. Pole has 125-mph wind rating. 5+day battery reserve for cloudy operations.
IED / LANDMINE SIMULATORS

PATRIOT PRODUCTS / GUN F/X

IED / MINE SIMULATORS - CO2 / Compressed Air

The most realistic, non-pyro landmine and IED training simulators on the market today. These devices provide a realistic means to experience the effects of training simulators with the safety, and cost effectiveness of reusable pneumatic simulators. Used for both pressure plate step-on and trip wire detonation, these rugged, reusable, gas operated anti-personnel training devices utilize smoke simulation powder, marking dyes or a combination of both to simulate the use and effects of anti-personnel mines and IEDs. BSF/X CO2 Type Classification and Safety Certified by DTC

#6500-IED14-0001
M-14 IED/Mine Simulator (1 each)

#6500-IED14-0005
M-14 IED/Mine Simulator (5 pk. case)

#6500-IED14A-0001
M-14 IED/Mine Simulator (1 each)
#6500-IED16-0001
M-14 IED/Mine Simulator (1 each)

#6500-IED16-0005
M-14 IED/Mine Simulator (5 pk. case)

#6500-IED5-0001
M-5 IED Simulator 360 degree

#6500-IED5-0002
M-5 IED Simulator 60 degree
Used for both pressure plate step-on and tripwire detonation, BSF/X CO2 Type classification and Safety Certified by DTC, these IED/Mine Starter Kit are the perfect way to evaluate your future needs with this complete, ready to use packages.

**#6530-SK100-0001**
IED / Mine Simulator Kit #1
225 Pack Case

**#6530-SK100-0002**
IED / Mine Simulator Kit #2
100 Pack Case
Kits include (4) M-14 IED/Mine Simulator (pressure plate activation), (4) M-16 IED/Mine Simulator (trip wire detonation), CO2 Cartridges, (1) Burst Disk Pack (case of 250), Pre-Pack Smoke Simulant Powders, (4) Deluxe Maintenance Kit, (4) M-16 Pull Pins.

#PP-M1416SK1 comes with (225) CO2 cartridges and (225) Pre-Pack Smoke Simulant Powder.  
#PP-M1416SK2 comes with (100) CO2 cartridges and (100) Pre-Pack Smoke Simulant Powder.

**#6530-M5-0360**
360 Degree Radius High Volume Kit
(1) M-5 360-Degree Radius IED Simulator
(1) Remote Detonation Device (RDD)
(1) 20 oz. Bulk CO2 Tank*
(1) Pneumatic Detonation Line 100 Feet
(10) 2 Liter PET Bottle
(10) HV Pre-Pack Smoke Simulant Powder

**#6530-M5-0060**
60 Degree Radius High Volume Kit
(1) M-5 60-Degree Radius IED Simulator
(1) Remote Detonation Device (RDD)
(1) 20 oz. Bulk CO2 Tank*
(1) Pneumatic Detonation Line 100 Feet
(10) 2 Liter PET Bottle
(10) HV Pre-Pack Smoke
#6520-RD100-001
M-14A1 ARTILLERY/IED KIT
(1) M-14A IED Simulator
(1) Remote Detonation Device (RDD)
(1) 20 oz. Bulk CO2 Tank*
(1) Burst Disk Pack (case of 250)
(100) Pre-Pack Smoke Simulant
(1) Pneumatic Detonation Line 100 feet

#6525-DC100-0001
M14 Daisy Chain Kit “A”
(3) M-14 IED Simulator
(1) M-14 IED T (Terminal) Simulator
(1) 20 oz. Bulk CO2 Tank*
(1) Remote Detonation Device (RDD)
(1) Pneumatic Detonation Line 100 feet
(3) Pneumatic Detonation Line 3 feet
(225) CO2 Cartridge
(225) Pre-Pack Smoke Simulant Powder
(1) Burst Disc Pack (case of 250)
### IED / LANDMINE SIMULATORS

#### IED / MINE SIMULATOR ACCESSORIES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#6550-AC010-0001</td>
<td>IED/Mine Simulator Maintenance Kit</td>
</tr>
<tr>
<td>#6550-AC011-0001</td>
<td>IED/Mine Simulators Deluxe Maintenance Kit</td>
</tr>
<tr>
<td>#6550-AC200-0100</td>
<td>Co2 Cartridges (100 pack case)</td>
</tr>
<tr>
<td>#6550-AC200-0225</td>
<td>Co2 Cartridges (225 pack case)</td>
</tr>
<tr>
<td>#6550-AC300-0250</td>
<td>M14/16 Burst Disk (250 pack)</td>
</tr>
<tr>
<td>#6550-AC310-0225</td>
<td>Packaged Powder (225 pack case)</td>
</tr>
<tr>
<td>#6550-AC320-0010</td>
<td>M-5 2 Liter PET Bottle (10 pack case)</td>
</tr>
<tr>
<td>#6550-AC330-0010</td>
<td>HV Pre-Pack Smoke Sim. Powder (10/case)</td>
</tr>
</tbody>
</table>

- **12 gram CO2 Cartridges**
- **Burst Disc Packs**
- **Simulant Powder**
Combining the features and reliability of the proven O.E.G. sight, the new Maximum Duty sights feature birdcage style lens cover for unparalleled durability! Both eyes remain open for instant target acquisition, improved depth perception, and no loss of peripheral vision. The Armson Aiming Concept instantly merges the dot and target. A fiber optic light source provides illumination during the day and the optional Tritium upgrade self-powers the sight at night. No batteries required. Precision constructed of aircraft grade aluminum alloy with a matte black anodized finish. Armson O.E.G. sights are built to withstand the most demanding use.

1" O.E.G. Max Duty

Housing: Machined 6061-T6 aluminum
Finish: Matte black anodized
Length: 5.1" (130mm)
Height: 1.08" (27mm)
Width: 1.08" (27mm)
Weight: 3.9 oz. (110g)
Lens: Glass Double achromatic
Optical coating: Multi-layer anti-reflective
Eye Relief: Unlimited
Windage: Adjustable
Ring Width: 1"

System Type: Passive Red Dot Collimator
Magnification: 1x (non-magnifying)
Reticle Size: 4 MOA
Elevation: Adjustable
Battery: None required

● OPTIONAL UPGRADES:

● 1" O.E.G. Max Duty T

A fiber optic light source provides illumination during the day and the optional Tritium upgrade self-powers the sight at night. No batteries required.

● 1" O.E.G. Max Duty

New Armson OEG Max Duty designed for simple bolt on installation on any Picatinny Rail System.

● 1" O.E.G. Max Duty T-PM

New Armson OEG Max Duty designed for simple bolt on installation on any Picatinny Rail System. A fiber optic light source provides illumination during the day and Tritium Self-powers the sight at night. No batteries required.
New Armson OEG Max Duty designed for simple bolt on installation on any M-16/AR-15 carry handle. The Armson Aiming Concept instantly merges the dot and target allowing two eye sighting with no loss of peripheral vision! Anodized aluminum body, high quality internal optics, and simple adjustments for windage and elevation. A fiber optic light source provides illumination during the day. No batteries required. Our exclusive "Thru-Mount Aperture" allows you to use stock iron sights with the O.E.G. still in place. Switch instantly between Red Dot and stock sights at will. The all new Upgraded Adjuster and Knob Set is now included as a standard feature at no additional charge.

1" M-16 OEG Max Duty

Housing: Machined 6061-T6 aluminum
Finish: Matte black anodized
Length: 5.1" (130mm)
Height: 1.08" (27mm)
Width: 1.08" (27mm)
Weight: 3.9 oz. (110g)
Lens: Glass Double achromatic
Optical coating: Multi-layer anti-reflective
Eye Relief: Unlimited
Windage: Adjustable
Ring Width: 1"

System Type: Passive Red Dot Collimator
Magnification: 1x (non-magnifying)
Reticle Size: 4 MOA
Elevation: Adjustable
Battery: None required

● OPTIONAL UPGRADE:

● 1" M-16 O.E.G. Max Duty T

A fiber optic light source provides illumination during the day and the optional Tritium upgrade self-powers the sight at night. No batteries required.
The Targabot is a portable robotic moving target platform. It is the world’s first portable, battery operated live-fire training platform which can be used indoors, outdoors, in shoot houses and inside/behind vehicles, that is designed to behave unpredictably, like human adversaries encountered in the field. This enhances threat detection, shoot/no shoot judgment and rapid, accurate target engagement capabilities, while reducing stray shots and their associated collateral risks and liabilities. The included remote control is rated for 1,000m. It is caliber and target size agnostic, and takes only minutes to integrate into existing ranges and training scenarios.

**TM-101-PKG**

**Targabot Robotic Moving Platform Package**

Package Contents Include:
1. Targabot (TM-101)
1. Wireless Remote (TM-S04)
1. 12V Battery Charger/Maintainer (TM-S03)
1. 12V Battery (TM-S02)
6. Target Shaft (TM-D17)
6. Target Mount Adaptor (TM-D22)
6. Target Mount (TM-D23)
6. Target Backing - 12” x 12” (TM-D29)
6. Paper Bull’s-eye Targets (TM-S14)
1. Box of Binder Clips - 12 Packs (TM-S13)
1. USB Cable - User PC to Targabot (TM-S07)
1. Quick Reference Guide (TM-S12)
1. Target Assy Instruction Sheet (TM-S15)

Dimensions:
- **Main Chassis**: 14.75”H x 11.75”W x 7”D
- Carton #1 Size (Targabot with Accessories): 18”L x 16”W x 16”H
- Carton #2 Size (Armature Shafts): 37”L x 3”W x 3”H

Weight (Approx.):
- Main Chassis: 20.5 lbs.
- Carton #1 Gross Weight: 28 lbs.
- Carton #2 Gross Weight: 3 lbs.

Power:
- Wall Input Source: 110 VAC
- Battery Output: 12 VDC
- Battery Pack Capacity: 5.0-5.5 AH (12 VDC Sealed Lead Acid)

Charge Time:
- 1-4 Hrs. (Depends Upon Existing Charge Level)
- Run Time (Avg.): 5-6 Hrs. Continuous
  Depends Upon Mode, Target Weight & Exterior Temp/Conditions
**TM-STND-102**

**Adjustable Steel Stand with AR500 Plate**

Steel Stand for the Targabot with Height Adjustability and Protective Frontal AR500 Plate, Custom Made for the Targabot. The Stand includes an AR 500 Steel Plate Assembly to protect the Targabot from stray gunfire, a strong steel base, and 18” height Adjustment with hitch pin.

**TM-STND-103**

**Adjustable Steel Stand with 3-sided AR500 Plate**

Steel Stand for the Targabot with Height Adjustability and Frontal and Side Protective AR500 Plates, Custom Made for the Targabot. Stand includes an AR 500 Steel Plate Assembly in three sections that combine to protect the Targabot from stray gunfire from wide angles, a strong steel base, and 18” height adjustment with hitch pin.

**TM-103-CASE**

**Targabot Carry Case**

Heavy duty, dual-latch polymer carry case custom made for the Targabot. Cases are made of heavy polymer, have laser cut foam padding for the Targabot and accessories, and include a carry handle and dual twist locks.

**TM-S02**

**Targabot 12V Battery**

Spare/Replacement 12V Battery for the Targabot. 12VDC Valve Regulated Lead Acid Battery (Sealed) Absorbent Glass Mat (AGM) Technology
Terminal: F2  AH: 5.0-5.5Ah
All Batteries Tested & Charged Prior to Shipment
**TM-S03**

**Portable 12V Battery Charger / Maintainer for the Targabot**

Battery Charger / Maintainer Unit  
Barrel Terminal for Targabot Charging  
Alligator Clip Terminal for Spare Battery Charging

---

**TM-S04**

**Targabot Wireless Remote Control**

Spare / Replacement Wireless Remote Control for Targabot.  
May also be configured to operate as a separate Master RC for an unlimited number of Targabots. Pocket sized for convenience.

---

**TM-S04-EXT**

**Targabot Wireless Remote Control w/EXT Input Jack**

Wireless Remote Control with 1/8" (3.5mm) Mini-Jack for Connecting External Switches. Allows for Targabot Start/Stop wireless commands to be invoked by external contact switches, laser switches, foot switches, etc. Pocket sized for convenience.

---

**TM-D17-PKG**

**Targabot Armature Shaft (10 Pack)**

Ten (10) Targabot Armature Shafts (TM-D17)
**TM-D22-PKG**
Targabot Armature Adapter (10 Pack)
Ten (10) Targabot Armature Adapters (TM-D22)

**TM-D23-PKG**
Targabot Armature Hanger (10 Pack)
Ten (10) Targabot Armature Hangers (TM-D23)

**TM-D29-PKG**
Targabot Armature Backing (10 Pack)
Ten (10) Targabot Armature Backings (TM-D29)
### CaTTIS™ Thermal Targets

**CaTTIS-I**
Calibration Target for Thermal Infrared Scope (dozen)

**CaTTIS-II**
*Calibration Target for Infrared Scope (dozen)

### Shadow Targets™

**TGT-THRIMG-T0600**
* 3" Round, 12 Ea., Tan

**TGT-THRIMG-T1600**
* 6" Round, 12 Ea., Tan

### Tank Kits (Full Size)

**TGT-THRIMG-T0901**
T-72 Flank

**TGT-THRIMG-T0903**
Thermal, U-375 Flank

**TGT-THRIMG-T0902**
BMP Flank

**TGT-THRIMG-T0904**
BRDM Flank
Tank Kits (Full Size)

- **TGT-THRM-T0905**
  Thermal BMD Flank

- **TGT-THRM-T0909**
  Thermal, T72 Front

- **TGT-THRM-T0906**
  BMP Front

- **TGT-THRM-T0910**
  Thermal, BTR Front

- **TGT-THRM-T0907**
  BRDM Front

- **TGT-THRM-T0911**
  Thermal, BMD Front

- **TGT-THRM-T0908**
  Thermal, U-375 Front
Tango Targets™

**TGT-THRM-T0001**
Thermal Full Man w/Gun
48” x 22”, Tan

**TGT-THRM-T0006**
Thermal Full Man No/Gun
48” x 22”, Tan

**TGT-THRM-T0002**
Thermal Half Man w/Gun
26” x 22”, Tan

**TGT-THRM-T0007**
Thermal, Full Man No/Gun,
2, 48” x 22”, Tan

**TGT-THRM-T0004**
Thermal, Mortar Team,
PVC, 26” x 22”, Tan

**TGT-THRM-T0501**
Thermal.3D, IVAN, MK,
35.5” x 21.5”, Tan

---

**Repair and Reuse Patches**

**TGT-THRM-PT002**
* Roll of 500 target patches 3/4” Tan

**TGT-THRM-PB002**
* Roll of 500 target patches 3/4” black
Product Pricing – SEE PRICING SHEET

• Please call 317.736.8007 for ordering details and shipping information

• Fax orders now to 317.736.8082 or email sales@patriottargets.com

*See schedule GS-02F-0018V on GSAAAdvantage.gov for Qualifying GSA Purchases.