



VULCAN[®]
LIVE FIRE SHOOT HOUSES



Fixed MOUT



Mobile MOUT



100% Ballistically Contained

ADVANCED TRAINING SYSTEMS

VULCAN[®]...THE NEW STANDARD IN SHOOT HOUSE SAFETY

- **MAXIMUM SAFETY.**
Certified ballistic safe...fire safe.
- **ALL STEEL CONSTRUCTION.**
No wooden materials used to create potential fire hazards.
- **DEFEATS TRACER ROUNDS**
In seconds.
- **FIRE SELF EXTINGUISHING IN SECONDS.**
Tested in flames; certified fire safe.
- **SUPERIOR BULLET ENCAPSULATION.**
Due to superior product density.
- **MAINTENANCE FREE.**
- **10 YEAR LIMITED WARRANTY.**
- **A PROPRIETARY, SOLE SOURCE PRODUCT.**
VULCAN[®] ballistic rubber is specially formulated; it cannot be duplicated, replicated or copied.
- **BEST VALUE.**
Competitively priced; outlasts plywood, plastic, SACON and binder ("soft") rubber materials.
- **A "GREEN" PRODUCT**
made from recycled rubber tires.

"Firing...into the same impact area, the VULCAN[®] panel remained intact, was self healing and performed as designed." ¹



VULCAN®...THE NEW STANDARD IN SHOOHOUSE DESIGN & CONSTRUCTION

- **QUICK INSTALLATION.** Structures erected in **HOURS**, not days.
- **FLOATING FOUNDATIONS** erected on bare ground. Concrete pads not required.
- **FACTORY PREFAB** ballistic panels which erect in minutes.
- **BOLT TOGETHER** (no welding) structural components for quick installation; rapid deployment.
- **RECONFIGURABLE WALLS.**
- **MODULAR DESIGNS.** Rapid expansion or contraction of shoothouse structures to meet changing training requirements.
- **SLIM-THIN™** Ballistic walls. Walls no thicker than 2 1/2" - 4 1/2" stop 5.56 & 7.62 rounds and maximize training real estate.
- **SAFETY SEAMS™ – CORNERGARDS™.** Interlocking rubber panels and intersecting rubber corners (patent pending) ensure no common seams for errant rounds to pass through.
- **PASS System** (patent pending). Eliminates wooden standoffs (i.e. fire hazard), eliminates lead and shrapnel buildup behind the rubber panels, and facilitates quick removal and relocation of panels in minutes.
- **NO SUPPLEMENTARY BULLET TRAPS Required... VULCAN® ballistic walls ARE the bullet trap!**

"...the VULCAN® panel is capable of extinguishing itself even after being exposed to sustained temperatures well in excess of 1,000° F." 1



Modular Walls Allow For Quick Assembly/Disassembly & Shoothouse Reconfiguration.



"From angles of 15° to 90°, all rounds were contained in the VULCAN® Ballistic Panel." ¹



Rolling Windows and Doors.



Non-Slip Ballistic Rubber Surfaces.

VULCAN® PRODUCT FEATURES

- VULCAN® proprietary formulation with FYREGARD™ (for fire safety) and SUNGARD™ (for UV protection).
- Shrapnel cleanout panels.
- Non-slip ballistic rubber surfaces.
- Sound attenuation ribbed acoustic panels.

VULCAN®
BALLISTIC PROTECTION
—INSIDE— **NOTHING SAFERSM**

- No bullet bounce, skip or ricochet off ballistic rubber surfaces from 15°.
- Very high material durometer (65-72) for superior shrapnel encapsulation.
- All color paintable surfaces.
- Certified safe by both military & industry testing laboratories.

¹ Test Summary Report Ballistic and Flammability Evaluation of Advanced Training Systems, Inc. VULCAN® Ballistic Rubber Panels



Another Modular
Shoothouse by
**ADVANCED
TRAINING
SYSTEMS**



St. Paul, MN • 651.429.8091
WWW.DUELATRON.COM



OPTIONAL ACCESSORIES FOR ADDED VALUE:

ATS offers the following accessories to make live fire training in VULCAN® shoothouses more realistic, efficient and effective:

- **Catwalks and Observation Decks.** Cantilevered, perimeter, and bridge catwalk and observation deck designs available to meet your specific training requirements.
- **100% Total Containment Ballistic Roofs.** A variety of ballistic roof designs available (e.g., slanted, sloped, pyramid shape, "Quonset" style, "pole barn", etc.).
- **Ballistic Windows and Doors.**
- **Breach Doors.** (for ram, pry, shotgun, or explosive entry) and blast panels (mouse holes).
- **Portable Tactical Targets and 3D Target Simulators.** ATS offers man portable tactical pop up, steel reactive, Manikin Mike 3DHT, reactive, moving and remote controlled robotic target systems to add additional live fire training realism.
- **Realistic, Worldwide Urban Facades and 3D Graphics.**
- **Fifteen (15) "Off The Shelf", "Ready To Go" Live Fire Shoothouse Designs.** View available floorplans online at www.atsusa.biz
- **Multiple Story Shoothouse Configurations.**
- **VULCAN® Mini "Hot Walls™".** ATS has pioneered stand alone, man-portable, movable ballistic "hot walls™" to be used where heavy ballistic activity is expected to take place. Measuring 2' W x 8' H on a rolling platform, the standard mini Hot Wall™ is capable of stopping up to 5.56 and 7.62 high velocity rounds at close range. Walls may be interlocked for expansion or to create various wall configurations.
- **Integrated Instrumentation Systems.** ATS offers CCTV, infrared cameras and sensors, multiplexers, recorders and complete AAR facilities for real time reporting.
- **"Hollywood" Facades.** ATS provides both live fire and non-live fire, two dimensional "Hollywood" facades for realistic MOUT training facilities. Facades range from simple, one story huts or commercial structures to multi story structures to create entire villages and urbanscapes
- **Lighting Systems.** Individual room adjustable (dimming) lighting controls available.
- **Custom Designed HVAC Systems.** to meet each structure's individual requirements



For More Information:

ADVANCED TRAINING SYSTEMS

4524 Highway 61 North • St. Paul, MN 55110 USA

Tel: 651.429.8091 • Fax: 651.429.8702

Email: info@atsusa.biz • Web: www.atsusa.biz

