



**Laser Ammo Training Technologies is the Nation's premier, expeditionary and globally integrated Virtual and hands-on trainer ready to meet the ever-changing challenges of today and tomorrow.**





# Purpose

It is our responsibility to carry the torch into the future . Assist with develop a lethal, professional and technically competent force requires an openness to new ideas and new ways of doing things in an increasingly complex world. So, the war fighter can change and adapt to overcome their adversary. It is our privilege to assist and serve with the best equipped, the best trained, and the best led Military in the world, And we will continue to assist in ensuring that it remains that way far into the future.

– We do that in four ways

- By creating tailor made training strategy solutions for organizations that are hands on as well as virtual for maximum distribution That are reproducible and have quantifiable results.
- By creating training aids and systems that continue to challenge the soldier again and again to create a true perfection of arms.
- By assisting Commanders better commander assessment on the overall proficiency of their Service Member and the effectiveness of their past UTPs. With hands-on evaluation of the Service Members ' demonstrated performance on weaponry tasks, characteristics, capabilities, and function of their assigned individual weapon. It verifies the Soldier's ability to perform critical tasks, apply immediate and remedial action, and employ the weapon safely during training and tactical operations.
- Provide Commanders with Noncommissioned Officers who can apply the functional elements of the shot process, Master Trainers who understand how to train, educate and develop primary and assistant instructors. Professionals that can assist unit Commanders in the planning and execution of their marksmanship strategy



# Smokeless Range® Simulator

PLFS - Preliminary live fire simulation

Laser Ammo Simulator Provides a better commander assessment through a simulations-based interactive repeatable demonstration of the Soldiers' performance that augments live environment training in a virtual environment allowing for advanced tactical engagement scenarios, grouping practice, CBRN, night fire, and gate to live fire exercise which assesses overall proficiency of Soldiers and effectiveness of their past UTPs.

Technology provides hands-on evaluation of the Soldiers' demonstrated performance on weaponry tasks, characteristics, capabilities, and function of their assigned individual weapon. It verifies the Soldier's ability to perform critical tasks, apply immediate and remedial action, and employ the weapon safely during training and tactical operations, as the Soldiers must demonstrate proficiency on individual tasks and skills through testable (written) and performance (hands-on) evaluation.





# Intent and End State:

The intent is to assist Commanders in preparing leaders that can execute and assess the gates to live fire for training through qualification, advanced marksmanship and individual skill certifications for the individual weapons that reinforces the task mastery necessary for a unit's success in large scale ground combat warfare.



The end state creation Leaders are able to plan, prepare, execute, and assess the gates to live fire for training through qualification, advanced marksmanship and individual skill certifications for the individual weapon Systems that reinforces the task mastery necessary for a unit's success in large scale ground combat warfare. Leaders demonstrate proficiency on the individual skills necessary to effectively destroy common and complex engagement threats with the individual weapons found from 0-300 meters, under day, night, and CBRN conditions.

Additionally create Leaders possess the ability to coach, train and mentor the individual War fighter to be ready to employ their weapons system for large scale ground combat warfare.



# Training strategy

## Six Gates/ Table To Live-Fire Proficiency

The individual training strategy is designed to minimize training time, while maximizing resources and training outcomes for the Service Member . This is done by grouping the prerequisite events and the live-fire events for training in a single training day each, requiring two complete training days.

- **Table I: PMI**
  - The Functional Elements of the Shot Process;
  - Firing Positions
  - Sights
  - Ballistics and Zeroes
  - Wind and Weather
  - Shooter Target Analysis
  - Coaching- Shadow Boxes, Laser Bore-Light
  - Kit and Weapon setup
  - **Written Knowledge Test (must cover MOA and how to Zero the their assigned weapon). \***
- **Table II: Simulations**
  - Groupings and Zeroing
  - Confirmation of Zero
  - Skill refinement and Target Identification
  - **Assessment of proficiency (To diagnose deficiencies )**
- **Table III: Drills (up to 1 week prior)**
  - Drills (Weapon employment )
  - Day/Night (Low Light and No Light )
- **Table IV: Group/Zero**
  - Boresight/ Small Arms Collimator prior to coming to range
  - 25/50 Meter Sight alignment
  - **Confirm at true distance (KD Range) \***
- **Table V: Practice Record Fire Day/Night**
- **Table VI: Record Fire**
  - First attempt at Live-Fire Proficiency
  - Second attempt at Live-Fire Proficiency
  - Day/Night

Structure	Table I,	Table II,	Table III,	Table IV,	Table V,	Table VI,
Function	PREREQ	PREREQ	PREREQ	Group Zero	Practice	Live-Fire Proficiency Gate (LFPG)
Training Principle	CRAWL	CRAWL	WALK	WALK	RUN	RUN
Environment	Live	Virtual	Live	Live	Live	Live
Condition	Hands-On	TADSS	TADSS	Live Fire	Live Fire	Live Fire
Title	PMI&E	PLFS	Drills	Basic	Practice	QUAL
Days Required	0.5	0.5	1.0	0.5	1.0	1.0

Legend: PLFS – preliminary live-fire simulation, PMI&E – preliminary marksmanship instruction and evaluation, PREREQ – prerequisite to live fire, QUAL – qualification, TADSS – training aids, devices, simulators, and simulations



## LASER AMMO SNAPSHOT:

- ✓ ESTABLISHED IN 2009
- ✓ OFFICES: ISRAEL, NY, TX AND EUROPE
- ✓ SMALL BUSINESS
- ✓ GSA CONTRACT # GS-07F-251AA
- ✓ DUNS: 022644883
- ✓ CAGE / NCAGE: 6QWC6
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