

EST 2000

ENGAGEMENT SKILLS TRAINER™

EST

Cubic's EST is a virtual training system which provides a highly realistic, cost effective, training solution to enhance warrior combat readiness and marksmanship proficiency. It accurately replicates small arms weapons performance, incorporates realistic training scenarios, and provides data capture and after action review.

3 Modes of Training

- Marksmanship - Tables and Courses of Fire for all supported weapons
- Collective - Squad-level training for METL tasks
- Shoot-Don't-Shoot - Judgmental use of force in COE situations



10 Lane EST (top right)

Marksmanship AAR (above)



Features

- Validated ballistics by U.S. Army
- 1000+ systems fielded to the U.S. Military and International customers
- Crew-served, individual, tetherless, and non-lethal weapons with clearing procedures
- Full After-Action Review (AAR) capabilities for all training modes
- Supports NVD, ACOG, and Close-Combat Optics (M68)
- Configurable up to 15 lanes of training
- Built-in scenario editor for Marksmanship and Collective exercises
- On-board diagnostics and fault-isolation
- U.S. Army Program of Record
- GSA Contract GS-02F-0024

EST PLUS

EST PLUS is a modular add-on kit for an EST that provides a low cost, offensive training capability in the collective training mode.

- Moving eye point for mounted or dismounted operations
- Interoperable with other simulators (e.g. combined arms training)

Features

- Multi-echelon training
- On-board capability to design, develop, execute, and review specific training tasks
- Uses standard constructive simulation tools:
 - SAFs - JCATS, VR-Forces, CCTT SAF, OneSAF
 - AAR - Supports multiple products and levels of AAR
 - IGs - Integrates with commercial IGs
 - Content - Library of Models and Terrains
 - Supports Cubic's VTS graphic engine
- Wide variety of devices to move through terrain:
 - Mid-fidelity vehicle simulators such as HMMWVs, MRAPS, etc.
 - Tabletop driver stations
 - Weapon-mounted and Instructor joysticks
- Supports simulated (injected-video) display devices (Binoculars, Range Finders, Rifle Scopes, etc.)
- Supports various COMMs and situational awareness tools
- Call For Fire/ Close Air Support
- GSA Contract GS-02F-0024T



Injected video on EST PLUS



Simulated weapon in collective mode