

# Engagement Skills Trainer (EST) 2000

Provides simulated indoor training for individual and crew-served weapons marksmanship, collective marksmanship, and “shoot-don’t-shoot” training.

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

### Description & Specifications

The Engagement Skills Trainer (EST) 2000 is an indoor, multi-purpose, multi-lane, small arms, crew-served, and individual anti-tank simulator that saves ammunition resources and travel time and costs to and from ranges. It simulates weapon training events that lead to live-fire individual or crew weapon qualification and training events currently not resourced under the Standards in Training Commission (STRAC).

With the EST, squad leaders are able to control and evaluate individual, fire team, and squad performance. The EST 2000 simulates the following weapons: M16A2 rifle, M16A4, M4 carbine, M9

pistol, MK19 grenade machine gun, M249 squad automatic weapon, M240 machine gun, M136 (Anti-Tank 4), M1200 shotgun, M2 machine gun, and M203 grenade launcher. At the request of other programs, efforts are under way to model other weapon systems to be part of EST 2000: They include the XM8 carbine and the XM307/XM312 crew-served weapon.

### Program Status

- **3QFY06:** Lot VII contract (48 subsystems) awarded
- **1QFY07:** Field five new escalation of force shoot-don’t-shoot scenarios
- **1QFY07:** Complete fielding of Lot VI, 160 subsystems

### Projected Activities

- **2QFY07:** Field 30 each Block I Upgrade to Production Lots I and II (new auto-tracker, brighter digital projector, more powerful Computer Processing Unit, Windows XP operating system) making them interoperable with Lots III–IV
- **2QFY07:** Award the Lot VIII contract (62 subsystems, including the following Preplanned Product Improvements upgrades: M16A2 magazine upgrade, heavy weapons for initial entry training suites, rifle/carbine X-leveling, and M16A2/M4 upgrade modification.
- **3QFY07:** Field Lot VII subsystems (48 subsystems)

## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

## Engagement Skills Trainer (EST) 2000

### FOREIGN MILITARY SALES

None

### CONTRACTORS

**Systems design, integration, and  
weapons:**

Cubic Simulation Systems (formerly ECC  
International Corp.) (Orlando, FL)

