



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
**INSTALLATION MANAGEMENT COMMAND**  
**DIRECTORATE OF PLANS, TRAINING, MOBILIZATION & SECURITY**  
**70 B AVENUE**  
**FORT LEE, VIRGINIA 23801-1506**

IMLE-PLT

30 May 2019

Standard Operating Procedures (SOP) for Engagement Skills Trainer (ESTII)

1. Purpose. To establish standard operating policies and procedures for Engagement Skills Trainer (EST II).
2. Scope. This SOP is applicable to all personnel requesting, certification, scheduling, and utilizing the Engagement Skills Trainer (EST II).

**3. Purpose/Capabilities.**

The Engagement Skills Trainer (EST) II is designed to simulate live weapon training events that directly support individual and crew-served weapons qualification, including individual marksmanship, small unit collective and judgmental escalation-of-force exercises in a controlled environment. It provides detailed feedback to the individual fire team/squad that covers the fundamentals of marksmanship, fire control and distribution of fires. The EST II simulator provides enhanced diagnostics with intelligent Automatic Coaching and Virtual Battle Space 3 based collective training enabled by the system's open architecture. The EST II provides an impressive array of functionality for both instructor and trainee: solid weapon handling and shot placement analytics, coaching tools that highlight trainee results in real-time for reinforcement of correction, and enhanced graphic capabilities for an immersive training platform. The EST II marksmanship qualification standards and collective scenarios are validated by the U.S. Army Training and Doctrine Command.

**4. Specifications.**

- Multilane (5, 10 or 15 Soldiers)
- Instructor/Operator Station System, compressor, speakers, projector, weapons Interface box, Screen and printer
- Small arms (pistol, rifle, carbine and grenade launcher) simulators
- Medium, crew-served weapons (M240B and M249 Semi-Automatic Weapon (SAW)) Simulators
- Shoulder-fired munition (AT4 and M141 Bunker Defeat Munition) simulators
- Heavy machine gun (M2 and MK-19) simulators

**5. Facility Operation Hours:** Monday thru Thursday (0800-1600), and Friday (0800-1500).

## **6. Weekend Simulation Training:**

- A request is required for all training events requiring after hours, weekend training.
- Units are required to contact the TSC Supervisor @ 734-4617 for coordinating and Scheduling, and units need contact the DPTMS RM @ Mr. Anthony Ewers, 804-734-5075 for procedures for a MIPER/WBS# weekend training.

## **7. EST Trainer Certification Requirements.**

- Units requesting EST II Certification must submit a memorandum requesting EST II Certification with names of Soldiers to be certified to [Charles.a.gainey.civ@mail.mil](mailto:Charles.a.gainey.civ@mail.mil) or [Malcolm.m.hale.civ@mail.mil](mailto:Malcolm.m.hale.civ@mail.mil) see link provided for memorandum.
- EST II Certification is a (2) day block of instruction.
- Class start time 0800-1500 (daily)
- Students cannot have any medical/personal appointments once enroll in the class.

## **8. Units Scheduling EST II Training.**

- Unit will prepare a EST II training digital request form and have unit Commander or First Sergeant Signature and forward to [Charles.a.gainey.civ@mail.mil](mailto:Charles.a.gainey.civ@mail.mil) and Cc [Malcolm.m.hale.civ@mail.mil](mailto:Malcolm.m.hale.civ@mail.mil).
- See link provided for digital training request form.

## **9. Units Conducting EST II Training.**

- Before any EST II training is conducted, the designated NCO that will operate the EST System must provide the TSC representative with proper certification documentation upon arrival before occupying an EST II training bay.
- At no time liquid drinks, food, gum will be allow in the EST II training bays.
- If there is a problem with the EST II Systems I/O's will immediately contact a TSC Representative for assistance.
- At no time will a unit I/O will troubleshoot the EST II System.

## **10. The EST II Trainer maybe scheduled 90 days out but not later than one week from the requested training dates.**

## **11. Cancelation of Scheduled Training.**

- Units needing to cancel scheduled and approved training must do so no less than forty

Eight hours prior to schedule training event. Cancellations less than forty-eight hours prior to training will automatically be a NO-SHOW.

➤ Units have two hours from their scheduled time to occupy their trainer. If the unit does not Occupy, their trainer will become available for other units to use unless prior coordination has been arranged.

## 12. EST II Bay Clean-up and Close out:

➤ Using Units are responsible for cleanup of the EST II Simulator Bays.  
In and around trainer at the conclusion of training.

➤ Unit Instructor/Operators will submit Usage Sheets to a TSC representative  
Once the training bay has been cleared and before units departure.

➤ Unit NCOICs are encouraged to submit an 'ICE Comment' proceeding training event.

13. For questions, and scheduling please call 734-3536/4342/0168.

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