



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 HMMVW Egress Assistance Trainer (HEAT)

1. **Purpose.** To establish standard operating policies and procedures for HEAT Trainer.
2. **Scope.** This SOP is applicable to all personnel requesting, certification, scheduling, and utilizing the HEAT Trainer.

3. Purpose.

The HMMVW Egress Assistance Trainer (HEAT) is designed to train Soldiers on the effects of rollover and conduct drills that will provide the skill and ability to react properly during and/or emergency egress situations. Soldiers should receive proper preparation and training to survive an inverted event. The HEAT, linked with the substantive training, may reduce/prevent rollover injuries and fatalities. The device will reinforce the importance of seat positioning, wearing seatbelts, demonstrate the feeling of being disoriented, and the actual effort that is required to execute rollover and emergency egress procedures. The trainer will allow individuals and crews to rehearse and physically execute the necessary steps required to survive a vehicle rollover. Conducting the training under controlled conditions will allow vehicle occupants to gain experience in the proper egress procedures. This training is necessary for Soldiers to achieve self-control and overcome the natural fear and panic following the catastrophic event which led to the vehicle rollover event.

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

5. 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 weekend Training, and the DPTMS RM @ Mr. Anthony Ewers, 804-734-5075 for procedures for a MIPER/WBS# weekend training.

6. Virtual Simulation Facility Location.

- All HEAT Training will be conducted at the Virtual Training Support Center on the Corner of 16th & Front Access Road Bldg. 6232.

7. HEAT Trainer Certification Requirements.

- Units requesting HEAT certification must submit a memorandum requesting HEAT certification with names of Soldiers to be certified to brandon.w.howard.civ@mail.mil or Malcolm.m.hale.civ@mail.mil
- See link provided for example memorandum.
- HEAT certification is a (4-5) hour block of instruction.
- Students cannot have any medical/personal appointments once enroll in the class.
- Units must provide (1) certified Combat Life Saver (CLS), Litter and a suitable transport vehicle for the HEAT certification.
- Only Soldiers that can pass the HEAT medical pre-screening will be certified. TSC Training Instructor presents the information, hands on and practice required to conduct Instructor Operator (IO) certification training on the HEAT. I/O students are required to be in the Rank of SGT and above, units are required to have 2 certified I/O's and a CLS whenever using the HEAT. Units will be in combat uniform when training in the HEAT. Units are required to reserve the HEAT for the date that the training is to be conducted. Students will be trained on the proper way to conduct a training session in the HEAT as well as how to place the trainer into operation. HEAT classes and the HEAT Simulator are scheduled through Bldg. 6232.

8. Units Scheduling HEAT Training.

- Unit will prepare a HEAT training digital request form and have unit Commander or First Sergeant Signature and forward to brandon.w.howard.civ@mail.mil or Malcolm.m.hale.civ@mail.mil
- See link provided for request for training digital form.

9. Conducting Unit HEAT Training.

- Before any HEAT training is conducted, training unit must provide the TSC representative With proper documentation.
- Medical pre-screening can be filled out at training site or a memorandum for record stating All HEAT participants have been medically screened and signed by unit Commander or First Sergeant.
- Training unit will provide the TSC representative with DA form 7566 Deliberate Risk Management Work Sheet filled out and signed by 05 Commander in the chain of Command (original only).
- Unit must provide a certified Combat Life Saver (CLS) with first aid bag, litter and a Suitable vehicle for medical transportation.

➤ Unit must provide (2) TSC certified HEAT Instructor Operator in the grade of Sergeant or Above to operate the HEAT Trainer.

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

11. Cancellation 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. Safety Considerations.

➤ Medical pre-screening. HEAT training undertaken while being treated by prescription Medications, must be done so with the knowledge and approval of the treating physician.

➤ Safety hazard awareness notice. A potential for a mishap during HEAT training is Acknowledged. In order to ensure the safety of staff and HEAT Training participant(s), the following considerations will be addressed. Be alert for those who appear to be experiencing difficulty. In the event of motion discomfort, the individual or the unit to which the individual Belongs will be responsible for cleaning the physical evidence (i.e., the release of *any* bodily fluid or compound) of such discomfort before training will continue.

➤ Hazardous conditions and control measures. Students will be informed of any Known hazardous conditions and control measures that exist in the training environment. All watches, rings, and jewelry worn around the neck shall be removed; pagers or cell phones removed; and all pockets emptied of contents particularly pens, pencils and pocket knives. Earrings should be removed to prevent inadvertent tearing of the earlobe during inversion and egress from the device.

➤ Crew members will be briefed of their responsibility to report any unsafe/unhealthful Condition they may discover. The instructor will identify the location of emergency equipment, fire exits, and local procedures to be used in the event of a fire, injury, or other emergency. In the event of an in-HEAT emergency, exit the HEAT immediately and proceed to the pre-designated location. First aid treatment includes treatment for shock, Cardiopulmonary Resuscitation (CPR) when needed, and transport to the nearest medical treatment facility IAW the Pre-Mishap Plan (Handout).

➤ Emergency Personnel. In the event there is an injury that the CLS cannot handle, the unit Will immediately call 911 to have the soldier evacuated to the nearest facility. Training will not begin unless a certified CLS with bag and a litter capable Government evacuation vehicle is on site.

➤ Safety reminder. All personnel will be reminded that personal injury, death, or equipment Damage can result from carelessness, failure to comply with the approved procedures, violations of warnings, cautions, and safety regulations.

➤ Risk Assessment Level. This much remain at a Moderate level. The Deliberate Risk Assessment Worksheet (DRAW) is a decision-making process used by leaders to mitigate risks associated with all hazards that can injure or kill people, damage or destroy equipment, or otherwise impact mission effectiveness.

13. Clean-up and Close out:

➤ Using Units are responsible for cleanup of the HEAT Simulator, plate forms, inside trainer, in and around trainer at the conclusion of training.

➤ Sweep, mop the classroom, to include instructor station area.

➤ Empty all waste baskets in immediate area of assigned classroom.

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

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

Joseph M. Kolb

JOSEPH M. KOLB

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Training Support Center (TSC)

Virtual Simulation Facility