



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
DIRECTORATE OF PLANS, TRAINING, MOBILIZATION AND SECURITY
2175 REILLY ROAD, STOP A
FORT BRAGG, NORTH CAROLINA 28310-5000

IMBG-PLT-T-T

05 NOVEMBER 2013

STANDARD OPERATING PROCEDURES (SOP) for the IEDES MIL-5 EXPLOSIVELY FORMED PENETRATOR (EFP) Head simulator.

- 1. PURPOSE.** To establish standard safety and procedures for proper installation and operation of the IEDES MIL-5 EFP Head simulator.
- 2. SCOPE.** This SOP is applicable to all personnel requesting, and utilizing the EFP Head simulator.
- 3. REFERENCES.** MIL-STD-1472F Notice 1 Human Engineering Design
Criteria for Military Devices, Equipment, and Facilities.
DA PAM 385-63 Range Safety
PAINTBALL SOP, UTARNG TRAINING SITE COMMAND 14 MARCH 2006.
- 4. MANDATORY PERSONAL PROTECTIVE EQUIPMENT.** Military issued Goggles/
Military approved goggles or Mask.
- 5. EFP HEAD SIMULATOR SAFETY INSTRUCTIONS.**
 - a. Military issued Goggles/ Military approved goggles must be worn at all times.
 - b. Never remove your goggles in the field or in the elimination zone.
 - c. Always wear eye protection/never wear anything but goggle/mask systems made especially for paintball.
 - d. EFP Head simulator should be transported uncharged and unloaded.
 - e. Never shoot anything from the EFP Head simulator except water soluble paintballs.
 - f. Remove all power sources before disassembly of a paintball marker.
 - g. Never shoot at another person with the intent to cause injury or harm.
 - h. Do not freeze or store paintballs in cold storage areas.
- 6. WARNING.** The paintballs are non-toxic but can discolor or dissolve painted or finished surfaces. Some simulator heads may be loaded with paintballs for marking effect. Approved safety eye wear or face mask must be worn by all participants, operators and trainees. If direct exposure to eye occurs, flush eye with water for 15 minutes and seek medical attention.
 - a. Prolonged contact with skin may cause irritation. Wash affected area with soap and water.
 - b. The paint or filler used in paintballs is non-toxic; however, in the case of accidental ingestion do not induce vomiting. Seek medical attention.

7. RANGE OF DETONATION. There is a 20ft minimum safety standoff distance for the EFP Head simulator.

- a. 20ft- 34" marking zone
- b. 25ft- 42" marking zone
- c. 30ft- 50" marking zone (maximum effective distance)

8. TRAINING/OPERATOR CERTIFICATION. The certification / Operator training is scheduled through Training Support Center (TSC) Training Instructors. POC for this training will be through Zack Turnage and Gordon Myrick. The pre-training requirement is for units that want to draw EFP Head simulator.

9. CAPABILITIES OF THE EFP. The IEDES MIL-5 EFP Head simulator is an IEDES attachment to the NPSSD that operates off of a 9 ounce CO2 bottle.

- a. Designed specifically for marking rounds 1.8 inches per foot.
- b. Forward directional charge.
- c. Uses .68 caliber marking rounds which provide undeniable damage assessment.
- d. Propels 7 rounds per MIL-5 EFP Head simulator.

// Original Signed//
KEITH R. CARR
Training Support Officer