

Engagement Simulation Systems SUPPORT PROGRAM



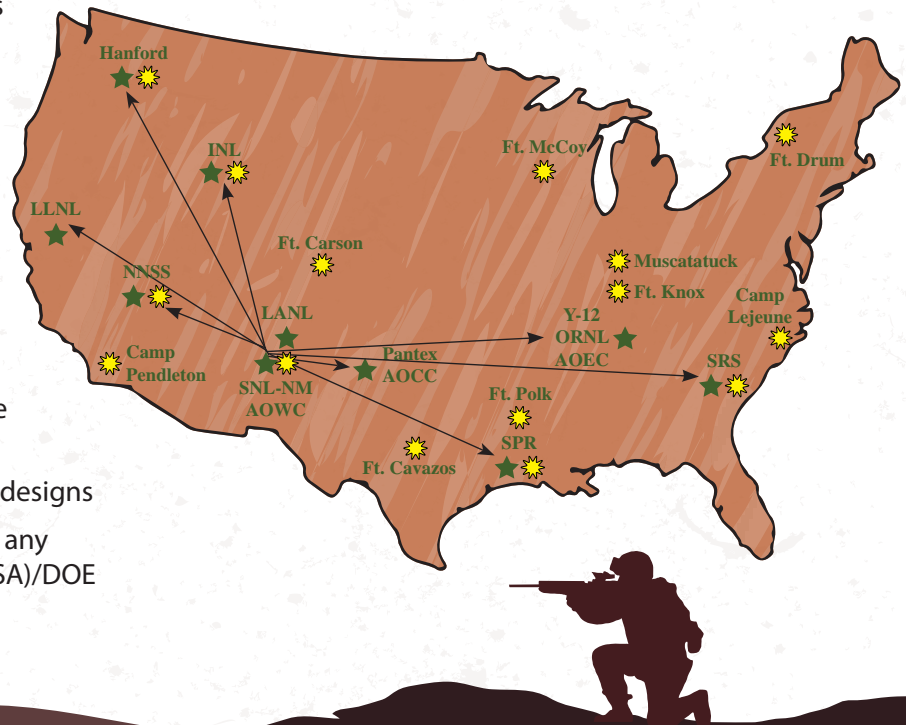
The Office of National Security Assessments, within the Office of Enterprise Assessments, manages and operates the Engagement Simulation Systems (ESS) Support Program. The U.S. Department of Energy (DOE) established the ESS Support Program in 1992, and after a training fatality in 1995, DOE recognized the need for a capability to safely replicate weapons and weapons effects requisite with the DOE Design Basis Threat policy. For over 30 years, the ESS Support Program has been the premier DOE tactical exercise simulations organization for ESS training and employment that supports the security of DOE critical assets and national security objectives.



Capabilities:

- DOE/Manufacturers Armorer Certifications
- ESS select-fire and belt-fed blank-fire weapons
- Subject matter experts on the setup and deployment of Multiple Integrated Laser Engagement Simulation Systems (MILES) platforms
- Institute for Printed Circuit Boards (IPC-J-STD-001/IPC-610A) Certification
- Laser etching/engraving for property management and identification
- Machine and welding shop with technical expertise to design, develop, and manufacture ESS weapons modifications and/or props
- 3D printing for rapid prototyping and one-off designs
- State-of-the-art logistical trailer deployable to any National Nuclear Security Administration (NNSA)/DOE site with minimal notice.

★ DOE/NNSA Sites Supported ✦ Training Site Deployments



Secretary of Energy Achievement Award recipient



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