



SMALL ARMS SIMULATOR LAB

LABORATORY INFORMATION FACT SHEET

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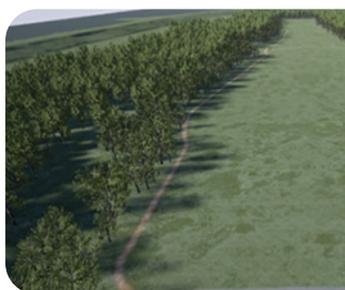
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The Armament Integration Facility houses the Simulated Weapons Environment Testbed (SWeET).

TECHNOLOGY/FACILITY DESCRIPTION:

SWeET allows the warfighter to utilize emerging technologies before they are developed, providing essential data that cannot be obtained by other means. This man-in-the-loop simulator puts the user in a virtual environment, giving them the ability to test and evaluate actual weapon systems including fire control without firing live ammunition.



EQUIPMENT AND EXPERTISE AVAILABLE:

- Weapons Simulator capable of simulating fielded and experimental weapon systems including but not limited to:
 - M4 Carbine
 - M16 Rifle
 - M249 SAW
 - M240 Machine Gun
- Weapon Analysis
- Ammunition Analysis
- Fire Control Analysis
- Man-in-Loop Simulations