



Whole System Live Agent Test

WSLAT

Description

The WSLAT Chamber is a high capacity, one-of-a-kind biological agent aerosol containment chamber designed and constructed primarily for biological warfare agent aerosol detection system testing. The total volume of the chamber is over 7,000 cubic feet, with the available test space of 2,400 cubic feet. This biosafety level 3 (BSL-3) chamber provides aerosol generation and dissemination capability at various aerosol concentrations, temperature, humidity, and wind speed to simulate variable climate conditions.

Mission

The WSLAT chamber provides a world-class testing environment for development of biological point detection technologies to support the Warfighter's mission. Provide accurate live biological agents information at the system level to the warfighters. The WSLAT Chamber will empower the American Warfighter to protect himself/herself and his/her team; to focus on the mission first and remain undefeated; to survive to help a fallen comrade; to be an expert in the detection of biological agents; to stand ready to deploy, engage, and destroy the enemies of the United States of America in close combat in a toxic environment; to be a guardian of public health, freedom, and the American way of life.



Capabilities

- Biological Point Detection

Users

US Navy, US Marine Corps, US Army, US Air Force

Status

N/A

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