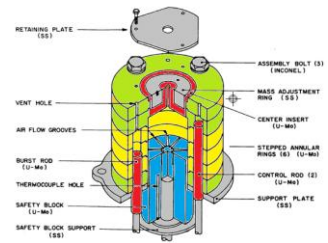


WHITE SANDS MISSILE RANGE (WSMR) NEW MEXICO

Mission: White Sands Missile Range provides America's Armed Forces, allies, partners, and defense technology innovators with the world's premiere research, development, test, evaluation, experimentation, and training facilities to ensure our nation's defense readiness.



RANGE OPERATIONS



FAST BURST REACTOR (FBR)



- Long Range – High Altitude Electro-optics
- High Speed Digital Visible / IR
- Telemetry – Fixed and Mobile
- Laser, Radio Frequency & High-Power Microwave
- Radar & Global Positioning System (GPS)
- Transportable Range Augmentation and Control Systems (TRACS)
- Comprehensive Launch & Live Fire Test Sites
- Weapons, Flight & Radiation Safety
- Multi-Asset and Multi-Mission Command & Control

SURVIVABILITY AND VULNERABILITY

- Nuclear Blast and Thermal Effects
- Gama and Neutron Radiation Environments
- Transient Radiation Effects on Electronics (TREE)
- Space Radiation Effects
- Semiconductor Test Laboratory (STL)
- Controlled World-wide Climatic Conditions
- Service Life Shock & Vibration
- Electromagnetic Environment Effects (E3)
- Non-Ballistic Survivability/Vulnerability
- Directed Energy



MATERIAL TEST DIRECTORATE

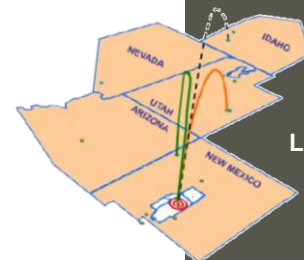
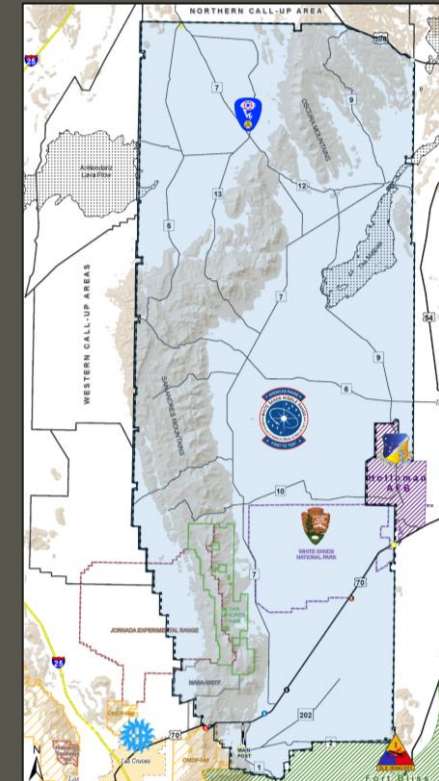
- Air and Missile Defense
- Long Range Precision Fires
- Hypersonic / Hypervelocity
- Counter-UAS Group 1,2 DE, 3,4,5
- Multi-Domain Systems
- Aerial Cable Facility
- Electronic Warfare
- Counter-IED
- Intelligence, Surveillance & Reconnaissance Systems
- Distributed Testing
- Fixed Wing Aircraft Armaments

BACKGROUND

- Size: 2.2 million acres
- Army's largest installation and open-air test range
- DoW restricted airspace (24/7; 365 days, surface to infinity)

Workforce: 7,300+

- Civilians: 1,830+
- Contractors: 1,600+
- Other Civilians: 2,000+
- Transient/Rotational Civilians: 100+
- Total Military: 350+
- Transient/Rotational Military: 8,500+



Launch Corridors
- Green Current
- Others Historic



Air traffic routed around WSMR

APPROVED FOR PUBLIC RELEASE

U.S. ARMY TEST AND EVALUATION COMMAND