



Redstone Test Center

Sensors

Field Sensors

Services:

1. Sensor and Seeker (S&S) Field Tests
 - Captive Carry Testing (CCT)
 - Ground Based Sensor Tests (Vehicles with Telescoping Masts, Towers, & Elevated Areas)
2. Spectral Characterization of Targets and Environments
3. Unmanned Aerial Vehicle/System Support
 - Restricted Airspace (to 30,000 ft msl)
 - Test, Demos, & Training Support
4. Detection, Acquisition and Recognition System Tests
5. GPS Tracking Capabilities of Ground, Air, and Sea Targets
6. Stabilized Platform for CCT and Ground Testing
7. Design and Special Hardware Fabrication
8. Test & Integration Facility Support
9. Ground and Aerial Targets & Target Support
10. Test Areas 3 & 6 Outdoor Range Support



Test Areas, Facilities, & Other Capabilities:

1. Test Area 3:

- **Main Sensor Range:** 5 Km long test range, encompassing over 2,000 acres, with 75' tower and 13' High, 142' X 142' elevated pad - supports field S&S testing with lasers, skid landing UAV tests & demos, drop tests, aviation test projects, etc. Has power and fiber.
- **IR Mini Range:** 2,500 Ft long X 700 ft wide range - Supports UAV/UAS testing & demos, IR signature work, RAID/GBOSS training, etc. Has power and fiber.
- **UAV/UAS Operational Area:** 800' l X 50' w Paved UAV runway on the west end of Test Area 3 with clamshell hangar for maintenance- Supports UAV/UAS testing & demonstrations.
- **Zero Mound Field Sensors Test Operations Facility:** 3-story, 5,400 SF facility with observation deck "under construction" - To be used for field S&S testing, aviation testing projects, etc.
- **Inventory of Mostly Foreign Assets (Tanks, personnel carriers, etc.):** Over 45 items in inventory - Available for field S&S testing and spectral characterization.
- **Inventory of Obscurants:** Over 15 types of obscurants & countermeasures - Available for field S&S testing, signature measurement, UAV demos, etc.

2. Test Area 6:

- **Missile Flight Range:** 3.7 Km Long Test Range - Available for small missile and rocket firings, field S&S testing, UAS flights/demos, etc. Has power and fiber.
- **Sensor & Seeker T&I Facility:** 7,480 SF facility with high bay, tow way, and landing pad - Supports field S&S test preparation and support including sensor to aircraft integration and testing.
- **Branch Machine Shop:** 1,920 SF facility with 5-Axis CNC milling machine - Available for fabricating custom fixtures, racks, UAV and other test item parts.

3. Hatton Mountain:

- **Sensor & Seeker T&I Facility:** 800 SF, 2-story facility with observation deck - Available for S&S testing and laser designation. From this vantage point there is 8.7 Km line-of-sight to the end of Test Area 3. Has power and fiber.