



Redstone Test Center



Surveillance Testing

RTC routinely conducts surveillance testing on Army and Foreign Military Sales throughout the world on major weapons systems to identify deterioration of components and to gather data to predict remaining shelf life and reliability. Evaluation includes long-term storage effects for HELLFIRE, Longbow, Javelin and Stinger missiles. Surveillance testing is done on state of the art mobile surveillance equipped test vehicles. Subject matter experts provide a world wide test capability. Engineers working with these systems provide evaluations of long term storage effects; non-destructive functional testing; and electrical, mechanical, optical, and physical inspections. Surveillance testing increases readiness and war fighting capability. Local commanders benefit by receiving current status on weapons and storage conditions.

Core Competencies

- Missile Surveillance Testing
- State-of-the-Art Vehicles for World Wide Test Capability
- Safely test live tactical hardware.
- Evaluation of long-term storage effects.
- Non-Destructive Functional Testing
- Electrical/Mechanical/Optical /Physical Inspection

Capability Highlight

- System safety, reliability and shelf life of fielded missile hardware is determined from parametric test data results.
- Testing identifies and purges unserviceable hardware from inventory.



Missile Surveillance Test Vans



4

HELLFIRE



2

Javelin



1

Stinger



2,581*

Missiles Tested



17,150*

Miles Driven



12,050*

Miles Flown

* Number of tests completed in 1 year