

Welcome Who We Are What We Do **Resources** How We Work Where We Are Going How We Meet Our Customers' Needs

United States Army
Redstone Technical Test Center (RTTC)



Resources

Ranges, Roads and Facilities

Test Area 4: Safety (Hazard Classification, Insensitive Munitions, etc.) Test Facility

Test Area 4 is remotely located in the southwest portion of Redstone Arsenal and is used for the following functions:



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Acknowledgement

Hi Perf. Computing Distributed Center

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Overview

Ranges, Road Courses & Fac.

High Performance Computer (HPC)

Unique Equipment & Tools

Fiber Optic Networks

Personnel/Tech Expertise

- To obtain data for hazardous classification of rocket motors and explosive components
- To conduct warhead static firings (with and without flash x-ray)
- To perform Insensitive Munitions (IM) tests:
 - Bullet impact
 - Navy fragment impact
 - Army fragment impact
 - Shaped charge impact
 - Shaped charge spall impact
 - Fast "cook-off"
 - Slow "cook-off"
 - 40 ft drop

- To conduct arena tests
- To accomplish sympathetic detonation tests
- To carry out vulnerability/survivability testing
- To conduct safe separation tests
- To perform other safety testing

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