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How We Meet Our Customers' Needs

United States Army

Redstone Technical Test Center (RTTC)





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How We Work

Three Primary Business Areas

Tactical Missiles & Associated Systems Focused Capabilities



AT-4 icing test



IBAS in anechoic chamber



Target hit by missile at Test Area 1

The Redstone Technical Test Center (RTTC) provides services for the test and evaluation of Tactical Missile and Rocket components and subsystems. Test capabilities include safety, performance, and reliability of these systems, components and subsystems. Our capabilities include the following:

- Safety, performance, and reliability testing of missile and rocket systems, components, subsystems, and mission equipment. Includes exposure to wide range of natural and induced climatic and dynamic environments. Other services include flight testing, warhead testing, seeker/sensor lab and field testing, and assembly/disassemble.
- Electromagnetic Environmental Effects (E3) to include Electromagnetic Interference (EMI), Electromagnetic Compatibility (EMC), Electromagnetic Radiation (EMR) – Operational (EMRO) & Hazards (EMRH), Hazards of Electromagnetic Radiation to Ordnance (HERO), Electrostatic Discharge (ESD), and Lightning Effects (both near-strike and direct-strike)

Three Primary Business Areas

Organization Chart

Work Values

How We Work for Our Customers

- Weapon systems to include small missile and rocket performance, target acquisition and designation systems, and fire control systems
- Rocket propulsion subsystem performance
- Non-destructive inspection (i.e. X-Ray and metrology) of explosive and non-explosive systems, subsystems, and components.
- Applications of Modeling & Simulation (M&S) tools integrated with testing of tactical missile systems, components, and subsystems
- Custom test sets/data acquisition systems/instrumentation
- Test design, management, and engineering expertise



Static test firing of tactical missile



Computer simulation of MLRS firing at tank target

To contact the RTTC "Tactical Missiles & Associated Systems" Test Management Division Team Leader, [please click here](#). An e-mail form will appear that will permit you to view and select the Tactical Missiles & Associated Systems service or services that you would like to discuss and/or receive additional information about. On this same screen you will also be able to list questions, provide comments, request technical materials, ask for a telephone contact from a specific functional manager, etc.

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Last updated January 2, 2002

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