



# Range and Training Land Program

Program Manager 256-895-1534

**U.S. ARMY CORPS OF ENGINEERS**

**BUILDING STRONG®**

The U.S. Army Engineering and Support Center, Huntsville is the designated the Range and Training Land Program Mandatory Center of Expertise (RTLTP MCX). The RTLTP MCX provides centralized management and engineering support to all parts of the Training Support System (TSS) Enterprise. TSS includes the Sustainable Range (SRP), Soldier Training Support (STSP), and Mission Command Training Support (MCTSP) Programs.

The RTLTP MCX is the centralized repository for information and expertise in planning, programming, design and construction of automated ranges, Training Support Centers (TSC) and Mission Training Complex (MTC) standards and projects for the TSS Program.

The RTLTP MCX assists the Department of the Army and installations in planning, site development, programming and design of ranges — both military construction (MILCON) and Operations and Maintenance (O&M) funded. The goal is to standardize ranges and training, while decreasing the overall cost of range design, construction, operation and maintenance as well as implementing new technologies to improve training capability in support of new weapons systems and tactics.



The trench line objective on an Infantry Platoon Battle Course at Fort Knox, Kentucky.

## **Mission**

- Provide centralized management and responsibility for automated range, TSC and MTC MILCON projects
- Provide centralized planning and programming document development and review (DD Form 1391, Project Definition Report and Engineer Form 3086)
- Develop and maintain standard design drawings and manuals for automated ranges, TSCs and MTCs
- Provide centralized design reviews
- Prepare range designs with in-house design team
- Maintain a cadre of in-house design expertise and an available suite of design contractors on a Multiple Award Task Order Contract

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## Experience

The RTLP MCX has been involved in standardizing ranges since fiscal year 1984 with the design and construction of three multi-purpose range complexes and 10 infantry ranges at various installations. The RTLP MCX has since been involved in the design and construction of hundreds of ranges and training facilities.

## Processes

The RTLP MCX is involved throughout the range development process. From the very beginning with the DD Form 1391 — the initial project identification document in the MILCON programming phase — continuing through design, construction, instrumentation and operation.

The RTLP MCX, with input from major Army commands and schools, develops generic design manuals for Multi-Purpose Range Complexes, qualification ranges, Urban Terrain facilities, Mission Training Complex, and Training Support Center facilities. The manuals include layout drawings, equipment interface data, cost estimating, and other criteria requirements.

The RTLP MCX maintains the manuals as part of the Range Design Guide. The generic requirements are site-adapted by USACE geographic districts and installations to allow for variations in the local terrain. The RTLP MCX has the responsibility for reviewing designs, attending review meetings, and conducting construction inspections to ensure projects meet interface and standardization requirements. Find the Range Design Guide on the Huntsville Center website at <http://apps.hnc.usace.army.mil/rdg/InterTemplate.aspx>.

The RTLP MCX is also the Range Center of Standardization within the Army Corps of Engineers and is responsible for executing training facility designs.

## Major Customers

- Office of the Deputy Chief of Staff for Operations and Plans
- Major Commands (range and training managers)
  - U.S. Army Europe
  - U.S. Army Reserve Command
  - U.S. Army Training and Doctrine Command
  - Eighth U.S. Army (Korea)
  - National Guard Bureau
  - U.S. Military Academy
  - U.S. Army Pacific
  - U.S. Army Forces Command
  - U.S. Army Special Operation Command
- Installations (range and training managers)
- Other Agencies
  - U.S. Navy and U.S. Marine Corps
  - U.S. Air Force and Air Force Reserve Command



**An urban building cluster and trench objective on the Multipurpose Training Range (MPTR) at Fort Stewart, Georgia.**