



RANGES AND TRAINING LAND PROGRAM

Program Manager 256-895-1534

U.S. ARMY CORPS OF ENGINEERS

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Purpose

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



This aerial view shows the Fort Bliss Digital Multi Purpose Range Complex that completed construction in Sept. 2011.

HNC is the centralized repository for information and expertise in planning, programming, design, and construction of Automated Ranges, Training Support Centers (TSC), and Mission Command Training Centers (MCTC) standards and projects for the TSS Program.

HNC works within the SRP to assist HQDA and installations in the 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.

Mission

Huntsville Center:

- Provides centralized management and responsibility for Automated Range, TSC, and MCTC MILCON projects
- Provides centralized planning and programming document development and review, (DD1391, Project Definition Report (PDR), and ENG3086)
- Develops and maintains standard design drawings and manuals for Automated Ranges, TSC's and MCTC's
- Provides centralized design reviews
- Maintains a cadre of in-house design expertise and an available suite of design contractors on a MATOC

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Experience

HNC has been involved from the beginning of standardized ranges, starting in Fiscal Year 1984 with the design and construction of 3 multi-purpose range complexes and 10 infantry ranges at various installations. Since that time, HNC has been involved in the design and construction of nearly 1000 ranges.

Processes

Huntsville Center 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 Center, with input from major Army commands and schools, develops generic design manuals for Range Control Facilities, Battle Sim-Center Facilities, Multi-Purpose Range Complexes, infantry qualification ranges, and Military Operations in Urban Terrain (MOUT) facilities.

The manuals include layout drawings, equipment interface data, cost estimating, and other criteria requirements. RTLP maintains the manuals as part of the Range Design Guide on the HNC website. The generic requirements are site-adapted by the Corps of Engineers' geographical districts and installations to allow for variations in the local terrain.

The Center also has the responsibility for reviewing designs, attending review meetings, and conducting construction inspections to ensure projects meet interface and standardization requirements.

Huntsville Center is the Range Center of Standardization within the 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 Managers)
 - U.S. Army Europe (USAREUR)
 - U.S. Army Reserve Command (USARC)
 - U.S. Army Training and Doctrine Command (TRADOC)
 - Eighth U.S. Army (Korea)
 - National Guard Bureaus (NGB)
 - U.S. Military Academy (USMA)
 - U.S. Army Pacific (USARPAC)
 - U.S. Army Forces Command (FORSCOM)
- Installations (Range Managers)
- Other Agencies
 - Navy and U.S. Marine Corps
 - Air Force and Air Force Reserve Command



**Stationary Infantry
Target, SIT**



**Tanks firing on a
range at Ft Knox**



**Instrumented Range
Tower at Ft Bliss**