



**U.S. Army Corps
of Engineers®**
Huntsville Center

Sustainable Range Program

Range Modernization is a program within the Army's Range and Training Land Program (RTLTP), under direction of the Office of the Deputy Chief of Staff for Operations and Plans (ODCSOPS). Its purpose is to assist in the planning, site development, MILCON programming and design in an effort to standardize the training value of range firing, while decreasing the overall cost of range design, construction, and operation and maintenance.

To ensure the success of this program, management and responsibility have been centralized at the US Army Engineering and Support Center, Huntsville. Huntsville Center is the Corps of Engineers' Mandatory Center of Expertise for Ranges.



Specifically, Huntsville Center:

- *Provides planning, MILCON programming, and development of standard design drawings and manuals for Army automated ranges, DD Form 1391 review, design review for target interface compliance, construction inspections and line-of-sight analysis.*
- *Provides the complete spectrum of range design services for the U.S. Army, U.S. Marine Corps and the U.S. Army Reserve Components.*
- *Supports installations in the development of Range Development Plans (RDP) to justify range and training asset needs and requirements.*
- *Supports the Department of the Army in the development of a comprehensive Master Range Plan that correlates mission training needs with well-designed ranges and training areas.*

Nineteen Years of Experience

Fiscal year 1984 marked the beginning of construction of standardized ranges, with construction beginning on three multipurpose range complexes at Fort Hood, Texas; Fort Riley, Kansas; and Fort Bliss, Texas. Ten infantry ranges, including automated record fire and automated field fire ranges, were built at various installations. Since fiscal year 1984, more than 400 ranges have been constructed.

Huntsville Center is involved on an individual range at the very beginning with the development of the DD Form 1391 — the initial project identification document in the MILCON programming phase, and also in design and construction phases.

Huntsville Center validates this document to ensure the project meets the standardization requirements.

The Center, with input from major army commands and schools, develops generic design manuals for range control facilities, battle simulator center facilities, multipurpose range complexes, infantry ranges, and military operations in urban terrain facilities. The manuals include layout drawings, equipment interface data, cost estimating, and other criteria requirements. The generic requirements are site-adapted by the Corps of Engineers' geographical districts and installations to allow for variations in the local terrain.

Huntsville Center also has the responsibility for reviewing designs and attending construction inspections to ensure interface and standardization requirements are met.

Major Customers

ODCSOPS (DAMO-TRS)

MACOMs (G3/DPTM)

- USAREUR
- USARC
- TRADOC
- EUSA
- NGB
- USMA
- USARPAC
- FORSCOM

Installations (G3/DPTM)

Other Agencies

- Navy and USMC
- Air Force and Air Force Reserve Command
- Immigration and Naturalization Service
- Department of Energy

Point of Contact

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