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The firm's management consulting heritage is the basis for its unique collaborative culture and operating model, enabling Booz Allen to anticipate needs and opportunities, rapidly deploy talent and resources, and deliver enduring results. By combining a consultant's problem-solving orientation with deep technical knowledge and strong execution, Booz Allen helps clients achieve success in their most critical missions—as evidenced by the firm's many client relationships spanning decades. Booz Allen helps clients shape ideas and prepare for future developments in areas of national importance, including cybersecurity, homeland security, healthcare, and information technology.



These and other agencies interested in using this contract are encouraged to contact the US Army PEO STRI CARTS Contracting Office:

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## About Booz Allen Hamilton

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for nearly a century. Today, the firm provides professional services primarily to US government agencies in the defense, security, and civil sectors, as well as to corporations, institutions, and not-for-profit organizations. Booz Allen offers clients deep functional knowledge spanning strategy and organization, technology, operations, and analytics—which it combines with specialized expertise in clients' mission and domain areas to help solve their toughest problems.

Booz Allen is headquartered in McLean, Virginia, employs more than 22,000 people, and has annual revenues of approximately \$5 billion. To learn more, visit [www.boozallen.com](http://www.boozallen.com).

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Common Army Ranges and Target Systems (CARTS)

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strategy and technology consultants

# Common Army Ranges and Target Systems (CARTS)

Booz Allen Hamilton leads a team that has been part of Army training support throughout its evolution into the CARTS program. We have delivered systems that comply with Future Army Systems of Integrated Targets (FASIT) performance specifications, the Live Training Transformation (LT2) Product Line Management concept of operations, and the Consolidated Product-Line Management (CPM) strategy. Our robust team covers the broad portfolio of capabilities and support services required to position the Army's supporting and executing organizations for success.

**Integration and Installation:** We use our systems engineering expertise to support the integration and installation of large and small networked range systems that support tactical and test and evaluation systems.

**Minor Range Construction:** Our team has completed more than \$140 million in Army range modifications.

**Range Subject Matter Expertise:** We develop installation range complex master plans and range development plans. We monitor and track all programmed construction and modification projects (2006–2015) for the U.S. Army Installation Management Command (IMCOM) Operations Division.

**Technical/Conceptual Studies and Support:** We develop training strategies for counter-IED training and recommend holistic and right-sized solutions and systems.

To effectively support the Army's range integration, commonality, and transformation, we must carefully consider impact on and importance to the CARTS mission. Some of the most significant factors in providing world-class support include:

- Policy and resourcing understanding and experience throughout the program
- World-class systems engineering and integration expertise
- Ability to execute training projects in all programs at the installation level
- Efficient, effective, and agile program management
- Ability to evolve and adapt as the Army training strategy evolves and adapts

## Booz Allen Capability

The Booz Allen team's support of Army and DoD clients worldwide has given the team the knowledge and expertise to accomplish any potential requirement across all of the CARTS range systems, engineering, and integration contract statement of work areas.

### Range Systems, Engineering, and Integration

- Tactical and Non-Tactical Targets and Training Enablers
- Modifications

### Integration and Installation

- Communication Network System
- Range Subject Matter Expertise
- Audio/Video/Digital Data
- Central Control System/Software
- Visual Recognition Skills
- Scenario Generation
- After-Action Reviews

### Technical Conceptual Studies

- Technical Studies/Analysis
- Feasibility and Cost-Benefit Analysis
- Range Redesign/Modification Analysis
- Rapid Prototyping/Research
- Advanced Concept Demonstration

### Program Management

- Integrated Product Team (IPT)
- Program Reviews
- Program Schedule
- Contract Invoicing and Payment

### System Engineering

- LT2
- System Baseline
- Allocated Baseline Maturation
- Information Assurance
- Site Preparation
- Engineering Change Proposal
- Quality Assurance
- System Verification
- Software Engineering
- Interface Control
- Configuration Management
- Product Definition Data (PDD)
- Telecomm System Engineering Plan (TSEP)
- Production Planning

### Consolidated Product-Line Management

- CPM Software Control
- System Problem Reporting
- Document Maintenance
- Baseline Management
- Product Maturation
- Product Reinvention

### Logistics

- Maintenance Support Strategy
- Technical Publications
- Training Course
- Unique Identification (UID) of Tangible Items

## Teaming Partners

The Booz Allen team approaches complex mission support with a comprehensive portfolio of systems-based strategies and tactics, as well as a highly capable team. The Booz Allen team comprises industry leaders in the areas of training, systems engineering, target systems, and range operations to perform the work and meet the requirements of CARTS with the capacity to handle multiple assignments.

Booz Allen is committed to small business participation and bringing the right solution at the best value. Our team members are as follows:



▲ Denotes Small Business

## CARTS Contract Overview

The CARTS contract is a 5-year multi-award indefinite delivery, indefinite quantity (IDIQ) contract vehicle administered by PEO STRI and PM TRADE.

- Period of Performance: Oct 2010–Sep 2015
- Contract Types: FFP, T&M, CPFF, and CPIF