

DEPARTMENT OF THE ARMY
HEADQUARTERS, US ARMY DEVELOPMENTAL TEST COMMAND
314 Longs Corner Road
Aberdeen Proving Ground, MD 21005-5055

DTC Regulation
No. 385-1

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Safety
TRAINING CONDUCTED AT RANGES, AREAS, AND FACILITIES
CONTROLLED BY DTC TEST CENTERS

Supplementation of this regulation is prohibited without prior approval from US Army Developmental Test Command (CSTE-DTC-RI-S).

1. **PURPOSE.** This regulation assigns responsibilities and prescribes policies and procedures for training operations conducted at ranges, areas, and facilities controlled by a DTC test center, or overseen by test center personnel.
2. **SCOPE.**
 - a. This regulation applies to DTC test centers responsible for the following:
 - (1) Training operations conducted by military personnel and agents of other Federal, State, and local agencies.
 - (2) Training operations overseen by DTC test center personnel.
 - b. This regulation does not apply to new equipment training (e.g., during limited user testing or operational testing) specified in AR 350-1.
3. **REFERENCES.** References are listed in appendix A.
4. **DELEGATION OF AUTHORITY.**
 - a. Commanders/directors, DTC test centers, are not delegated authority to deviate from the provisions of this regulation unless authorized by the referenced publications, except that they may implement more restrictive policies than those contained in this regulation.
 - b. If there is no other regulatory guidance, forward requests for waiver or deviation from this regulation to Headquarters, DTC (CSTE-DTC-RI-S) for review and command approval.

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5. POLICY.

a. Training exercises or operations supported by DTC personnel or executed on DTC-controlled ranges/training areas will be conducted in accordance with AR 385-63.

(1) Units/agencies using DTC facilities or ranges for training operations will be proficient at the tasks covered in the training, and will be competent and proficient in range safety.

(2) Test centers will assure that ranges can be adequately managed and controlled to ensure the safety of personnel during training operations.

(3) Training operations will be planned and executed in such a way as to understand and control the dangers of the operation.

b. Minimum hazard ammunition will be used for the training or operation in question.

c. Adequate resources must be available to respond to and manage accidents.

6. RESPONSIBILITIES AND PROCEDURES.

a. Commanders/directors, DTC test centers, will:

(1) Adequately resource the range control organization to support all test and training operations, including live-fire and maneuver exercises. Trained range control personnel will be on duty and available by communication link during the execution of any exercise.

(2) Ensure range control standing operating procedures (SOPs) and regulations are in place to address training operations, and are kept current.

(3) Appropriately train range control personnel to execute the local range control program, including controlling access to range and training areas, conducting periodic inspections of ranges/training areas, reviewing training plans and risk assessments, and providing training on local range operational policies and procedures. Develop and implement a written plan detailing training and skill requirements for range control personnel; at a minimum, the training requirements stated in ARs 385-63 and 350-19 must be met.

(4) Ensure that range/training areas allocated to training units for their operations are safe for the units to use.

- (5) Be sure that range safety officers (RSOs) and officers-in-charge (OICs) from units undergoing training are certified by unit commanders to oversee training operations. RSOs and OICs must meet the requirements of DA Pamphlet 385-63, table 1-1.
- (6) Ensure that commanders of training units have evaluated their units' readiness to safely execute the tasks/operations proposed for training.
- (7) Ensure that dry-fire and blank-fire rehearsals are conducted by training units prior to any live-fire training exercise. Local cadre, including safety and range control personnel, will be included in these activities.
- (8) Make redundant communications available and usable during training exercises. Communications with the range control organization must be maintained throughout an exercise.
- (9) Ensure that training unit personnel are apprised of local range policies and procedures, as well as unique local hazards.
- (10) Ensure that qualified personnel conduct onsite inspections of ranges/training areas and proposed operations. Inspections will evaluate regulatory compliance as well as compliance with approved training plans and risk assessments.
- (11) Ensure emergency response, environmental, and safety requirements relative to the training are met.
- (12) Coordinate training activities with the Garrison Commander and his/her staff.
- (13) Ensure that training units provide a training plan and risk assessment addressing the planned exercise or operation for review and approval prior to execution.
- (14) Ensure that the least hazardous ammunition that will accomplish objectives is used.
- (15) Provide a point of contact (POC) to host and assist visiting units with logistics, billeting, and meals, and a technical POC to assure the planning requirements of this regulation are met.
- (16) Provide the unit commander with copies of relevant regulations/SOPs, maps, important telephone numbers, and emergency protocols to be followed.

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(17) Ensure that each training unit commander executes all risk-reduction measures and complies with the approved risk assessment, regulations, policies, and procedures.

b. Unit commanders will:

(1) Adequately plan the required training.

(2) Ensure that training exercises are consistent with unit Mission-Essential Task List (METL) and that live-fire exercises are approved by the unit's next higher command.

(3) Ensure that RSOs and OICs are trained, tested, and certified. The numbers and grades of RSOs and OICs will, at a minimum, meet the requirements of DA Pamphlet 385-63.

(4) Provide appropriate leadership (RSO and OIC) on the range. RSOs will be present at the training site during exercises.

(5) Ensure that unit personnel are qualified on the systems they will use during training.

(6) Ensure that communications are maintained with the range control organization during exercises.

(7) Exert appropriate command and control over unit personnel and training operations. Commanders are responsible for their unit's performance and actions while training at DTC-controlled facilities, ranges, and training areas.

c. RSOs and OICs will:

(1) Be responsible for the duties specified in DA Pamphlet 385-63.

(2) Be trained and certified by unit commanders.

d. RSOs will be present at the training site during exercises. They will have no other duties, except as specified in DA Pamphlet 385-63.

7. COMMUNICATION. There will be at least two means of communication between training units and range control. Communications checks testing the systems will be made at least every 2 hours during exercises. Exercise activities will cease if communication with range control or between participants is lost. Exercises will not resume until cleared by range control to do so.

8. TRAINING PLANS.

a. Training plans must include, at a minimum, the following:

- (1) Outline of the operations to be conducted.**
- (2) Risk assessment.**
- (3) Plan for handling medical emergencies.**
- (4) Types and quantities of ammunition to be used.**
- (5) Weapon-specific misfire and clearing procedures.**
- (6) Any personal protective equipment required.**
- (7) Copies of unit reports for range-related recordable accidents from the previous year for purposes of lessons learned.**
- (8) Numbers and grades of RSOs/OICs that will be on duty on the ranges during exercises.**

b. Approval of training plans.

(1) Training plans will be reviewed for adequacy by safety, range control (if a test center asset), and environmental staffs. The plan must be approved by the training unit commander and the test center commander/director or his designee. Unresolved high risks in the plan require direct approval by the test center commander/director.

(2) Risk assessments contained in training plans will meet the requirements of FM 5-19 for content.

(3) Training may not be conducted on an ATEC range or training area unless an approved training plan specifically addressing the exercise/operation is in place.

9. EMERGENCY RESPONSE. Test center commanders/directors will evaluate and document, at least annually, the adequacy of emergency response to potential training accidents. Evaluations will include, at a minimum, an assessment of potential maximum credible accidents, assessment of emergency services supporting training, response time to training areas and speed of evacuation, location of potential MEDEVAC/turnover sites, and a review of local disaster control plans for adequacy.

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APPENDIX A

REFERENCES

AR 350-1, Army Training and Leader Development.

AR 350-19, The Army Sustainable Range Program.

AR 385-63, Range Safety.

AR 420-90, Fire and Emergency Services.

DA Pamphlet 385-63, Range Safety.

ATEC Regulation 385-1, ATEC Safety Program.

FM 5-19, Composite Risk Management.

FM 7-0, Training the Force.

TC 25-8, Training Ranges.

The proponent for this regulation is the Safety and Environmental Risk Management Division (Directorate for Range Infrastructure and Investments). Users are invited to send comments to US Army Developmental Test Command (CSTE-DTC-RI-S), 314 Longs Corner Road, Aberdeen Proving Ground, Maryland 21005-5055.



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