

**Department of the Army
Pamphlet 350–38**

Training

Standards in Weapons Training

**Headquarters
Department of the Army
Washington, DC
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UNCLASSIFIED

SUMMARY of CHANGE

DA PAM 350–38
Standards in Weapons Training

This expedited revision, dated 26 September 2019—

- o Defines primary source for ammunition resourcing (para 8c).
- o Updates appendix A.

Training Standards in Weapons Training

By Order of the Secretary of the Army:

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History. This publication is an expedited revision. The portions affected by this expedited revision are listed in the summary of change.

Summary. This publication contains procedures for planning, resourcing, and executing training. It includes weapons

qualification standards, suggested training programs, and ammunition requirements for the attainment and sustainment of weapons proficiency. The programs incorporate training devices and simulators.

Applicability. This publication applies to the Regular Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve, unless otherwise stated.

Proponent and exception authority. The proponent of this publication is the Deputy Chief of Staff, G–3/5/7. The proponent has the authority to approve exceptions or waivers to this pamphlet that are consistent with controlling law and regulations. The proponent may delegate this approval authority, in writing, to a division chief within the proponent agency or its direct reporting unit or field operating agency, in the grade of colonel or the civilian equivalent. Activities may request a waiver to this pam-

phlet by providing justification that includes a full analysis of the expected benefits and must include formal review by the activity's senior legal officer. All waiver requests will be endorsed by the commander or senior leader of the requesting agency and forwarded through the higher headquarters to the policy proponent. Refer to AR 25–30 for specific guidance.

Suggested improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Deputy Chief of Staff, G–3/5/7 [Army Training Support Center (Standards in Training Commission)], Fort Eustis, VA 23604–5166.

Distribution. This publication is available in electronic media only and is intended for command levels the Regular Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve.

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Glossary

*This pamphlet supersedes DA Pam 350–38, dated 28 September 2018.

1. Purpose

This pamphlet provides commanders with the training strategies for individual, crew, and collective weapons training and identifies the resources required to execute that training. Standards in Weapons Training (STRAC) strategies are the basis for determining training ammunition requirements and for providing units the information necessary to forecast training ammunition. STRAC strategies form the basis of the Headquarters, Department of the Army (DA) training ammunition program used in programming and resourcing. STRAC training strategies drive investment and resourcing decisions in areas such as range modernization, range instrumentation, and training aids, devices, simulators, and simulations (TADSS).

2. References and forms

See appendix A.

3. Explanation of abbreviations and terms

See the glossary.

4. Duties

Responsibilities and duties are outlined in AR 5–13.

5. Scope

The strategies in this manual apply to the Active Component (AC), the Army National Guard (ARNG), and the U.S. Army Reserve (USAR).

6. Standards in training commission

In March 1982, the Vice Chief of Staff of the Army established the STRAC, appointing the Deputy Chief of Staff (DCS) G–3/5/7 as chairman and U.S. Army Training and Doctrine Command (TRADOC) and Army Training Support Center as the Army lead agents. The STRAC mission is to determine the quantities and types of munitions required for Soldiers, crews, and units to attain and sustain weapon proficiency relative to readiness levels through maximum use of TADSS and sub caliber firing devices.

7. Training ammunition management process

a. Standards in Weapons Training Program. Ammunition management starts with the STRAC strategies. The STRAC chairman directs the program and reports directly to the Vice Chief of Staff of the Army. The chairman is supported by the Training General Officer Steering Committee, with membership from the Army Staff, Army commands (ACOMs), Army service component commands (ASCCs), direct reporting units (DRUs), TRADOC, and the commandants of the proponent schools. The Army Munitions Council of Colonels, chaired by the DCS, G–3/5/7 (DAMO–TRA) and TRADOC Capability Manager-Live, reviews and integrates weapons standards and strategies. Strategies approved by the Army Munitions Council of Colonels will be integrated into this pamphlet in line with the Congressional program objective memorandum (POM) cycle.

b. Training ammunition requirements. Each year, unit commanders use the approved training standards and strategies in this pamphlet to determine their training ammunition requirements for the following year's training events. Following review and consolidation by each ACOM, ASCC, and DRU and validation by DCS, G–3/5/7, STRAC requirements become the basis for training ammunition authorized by the DCS, G–3/5/7. Total Ammunition Management Information System (TAMIS) is used by units to review, validate, and forecast their ammunition requirements.

c. Total Army Ammunition Authorization/Allocation Committee. Each year during the Total Army Ammunition Authorization/Allocation Committee (TA4C), ACOMs, ASCCs, and DRUs receive training ammunition authorizations in accordance with their validated STRAC requirements. Authorizations may be adjusted to account for ammunition in short supply or to force expenditure of older munitions. The TAMIS is the Army's official system for managing training ammunition authorizations.

d. Total Ammunition Management Information System. TAMIS is used to manage training ammunition across the Army. It provides visibility of all levels of ammunition authorizations, expenditures, and forecasts. The DCS, G–3/5/7 provides authorizations to the ACOMs, ASCCs, and DRUs through TAMIS. ACOMs, ASCCs, and DRUs sub authorize to their subordinate units. Units plan their training events using TAMIS authorizations and submit their monthly forecasts in TAMIS based upon their STRAC requirements. After verifying authorizations in TAMIS, ammunition storage points issue training ammunition to units immediately prior to the training event. Once issued, ammunition items are recorded as expenditures in TAMIS.

8. Resourcing

a. Headquarters use the events found in the training strategies (Combined Arms Training Strategy (CATS) and STRAC) as the basis for programming and budgeting training resources. The Army's goal is to fully resource each unit to execute the training strategy. Fiscal constraints or ammunition availability due to suspensions, procurement, or distribution problems may not always allow fulfillment of this goal. Commanders must address this when determining their unit's T-rating for readiness reporting.

b. Programming and budgeting of munitions required for STRAC weapons training occur in accordance with POM cycles. The standard lead time to program for, procure, produce, and distribute munitions in support of an Army Munitions Council of Colonels approved weapons training strategy is a minimum of 4 years. DCS, G-3/5/7 (DAMO-TRA) incorporates the training strategy into that year's POM process 2 years in advance. In the third year, the Army procures the munitions required to execute STRAC weapons training strategies. In the fourth year, the munitions are available for training.

c. DA Pam 350-38 is the sole, definitive source for munitions resources for training. If this document and other training documents, such as training circulars and Soldier training plans, conflict, the ammunition resourcing listed in DA Pam 350-38 provided in the Total Army Munitions Information System (TAMIS), paragraph 12, is the amount Army leaders will use in their training plans.

9. Training aids, devices, simulators, and simulations

A holistic and realistic approach to training that includes live fire and TADSS is needed to fully prepare Soldiers. Commanders must integrate TADSS into the training strategies in order to enhance and sustain skills and training and, in some cases, they may be the sole medium for training critical tasks that are not resourced. TADSS are an integral part of the training strategies and full-caliber requirements are based on their use as presented in the strategies.

10. U.S. Army Reserve Command standards and strategies

a. USAR training programs support both initial entry and prior service personnel. USAR training programs also support and accommodate the USAR-phased qualification and/or sustainment program by basing training ammunition on the number of Soldiers in each phase.

b. For individual weapons qualification, all personnel involved in marksmanship instruction (except instructors and drill sergeants) will follow USAR training strategies. Soldiers assigned as track commanders and/or instructors in infantry or scout advanced individual training or one station unit training units are considered to be instructors when determining resources and the attainment of standards.

11. Training strategies

a. The weapons training strategies prescribe the events and standards for achieving and sustaining individual, crew, and unit readiness. In conjunction with the CATS, the STRAC strategies form the basis of unit collective training. Commanders use the events found in the STRAC and CATS strategies to develop their unit training plan and calendar, taking into account the frequency, duration, conditions, and standards in the strategies. The training plan is briefed at the quarterly training brief, to include events executed as well as events scheduled but not executed. When planned training is not conducted, the commander is assuming risk. Commanders verify their T-rating on the unit status report using AR 220-1.

b. The STRAC format has been changed from a weapons-based to a unit-based concept. This concept allows targeting of resources down to a specific unit type with allowances for different mission-essential task lists. Individuals in duty positions not assigned individual weapons are exempt from weapon qualification in accordance with AR 350-1.

12. Structure of Department of the Army pamphlet 350-38

a. This pamphlet has transitioned to a fully interactive web-based manual. The manual, with all chapters and tables, is accessible as a module in TAMIS. Accessing the manual inside of TAMIS requires a common access card. The location for accessing the manual is available at <https://tamis.army.mil>. For any technical support or help accessing the TAMIS website contact by email: usarmy.pentagon.hqda-dcs-g-3-5-7.mbx.tamis-support@mail.mil or TAMIS support link: <https://tamis.army.mil/>; or by phone: 1-855-752-8111.

b. Chapters are structured by unit type: armor, infantry, and artillery, instead of by weapon type, as in previous editions of this pamphlet. This approach simplifies training management at the unit level and allows commanders to see their unit's entire weapons training strategy for all weapons in one place. Additionally, STRAC strategies in each chapter reflect training doctrine from the Army's training manuals, training circulars, and field manuals, resulting in the addition and resourcing of training events that previously were not included or resourced for execution.

c. Each chapter consists of a written strategy incorporating use of both training devices and weapons, charts outlining required individual and collective training, and weapons training standards. Each chapter also contains tables showing the training tasks and resources required for each weapon system.

d. ARNG and U.S. Army Reserve Command (USARC) training.

(1) ARNG and USARC units will use the same chapters and strategies as AC units. These units normally train annually to the individual weapon or Soldier level. For the Reserve Component (RC) units preparing to be part of the early deployment force, they will progressively build readiness over multi-year periods to enter the “Ready” module, achieving C2 readiness. RC units can request the increase in authorizations to cover the additional requirement as needed annually as part of the TA4C process.

(2) Upon receipt of an official DA notification of sourcing, all RC units will use AC requirements to identify the additional training ammunition needed to bring them to AC standards on the weapons required for the mission. Mission requirements may not include every weapon on a unit's modification table of organization and equipment (MTOE), and they may require training on weapons not on the MTOE. Upon receipt of an official DA alert notification order, RC units forecast training ammunition required to bring them to AC standards on the weapons required for the mission. Once the ACOMs and ASCCs have cross-leveled available authorizations required to perform the mobilization mission, DCS, G-3/5/7 (DAMO-TRA) will provide additional authorizations, if needed.

e. The web-based manual contains training ammunition requirements for contingency operations training, deployment exercises, continental United States and/or outside continental United States-directed training exercises, and combat training center rotations.

13. Chapter overviews

The following are overviews of the chapters and tables:

a. *Chapter 2.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and collective crew served weapons and platforms (wheeled and tracked) training for all personnel assigned to tank battalions, cavalry squadrons, and reconnaissance troops.

b. *Chapter 3.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and collective crew served weapons and gunnery training programs for units equipped with 105-mm howitzers, 155-mm howitzers, multiple launch rocket systems, Bradley fire support vehicles, and STRYKER fire support vehicles.

c. *Chapter 4.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons assigned to an air defense artillery unit. This chapter also provides weapons standards, training strategies, and resource requirements for units equipped with Man Portable Air Defense System Stinger, Avenger, and Patriot Air Defense Artillery weapon systems.

d. *Chapter 5.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons in AC light infantry, STRYKER brigade combat teams, and mechanized infantry units; RC training battalions; and RC infantry units. Also, tables of distribution and allowances requirements are addressed.

e. *Chapter 6.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons in engineer units and include training with mines and demolitions.

f. *Chapter 7.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons in aviation units. It provides training strategies, standards, and resource requirements for units equipped with AH-64D/E, UH-60, and CH-47 aircraft.

g. *Chapter 8.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons in military police units. This includes military police, special reaction team, Criminal Investigation Division units, DA Civilian Police, and DA Security Guards.

h. *Chapter 9.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons in maneuver support and/or maneuver sustainment units, including chemical, explosive ordnance disposal, and ordnance units.

i. *Chapter 10.* This chapter provides the rotational training ammunition requirements for deployment exercises and for the combat training centers: National Training Center, Joint Readiness Training Center, and Joint Multinational Readiness Center. The tables in this chapter provide training ammunition and pyrotechnics requirements by Department of Defense identification code (DODIC), by rotation.

j. *Chapter 11.* This chapter provides training strategies, weapons qualification standards, and resource requirements for individual and crew served weapons in the 75th Ranger Regiment; 1st Special Forces Command (these tables apply to all Special Operations Team Alpha and chemical reconnaissance detachment teams assigned to Special Forces groups and theater-designated Special Forces units with a close-quarters combat mission); United States Army Special Operations Aviation Command; AC Civil Affairs and Psychological Operations units; and the 528th Sustainment Brigade Special Operations (Airborne).

k. *Chapter 12.* This chapter provides training strategies, weapons qualification standards, and resource requirements for all pre-contingency and post-contingency operations, RC mobilization, and nonlethal munitions training. Contingency

operations are considered any real-world operation conducted in a peacekeeping or hostile-fire zone. Due to the unpredictable nature of the training events discussed in this chapter, it is impossible for the Army to plan and program the total resources required to support them. Therefore, the actual quantities of munitions needed to ensure a unit has the required number of weapons system-qualified personnel will be provided through internal management of annual training ammunition authorizations.

1. Chapter 13. This chapter provides training strategies, weapons qualification standards and resource requirements for Command-Unique Requirements and outside continental United States directed training exercises.

Appendix A

References

Section I

Required Publications

Unless otherwise indicated, all publications are available at <https://armypubs.army.mil>.

AR 5–13

Total Army Munitions Requirements and Prioritization Policy (Cited in para 4).

Section II

Related Publications

A related publication is a source of additional information. The user does not have to read it to understand this publication.

ADP 7–0

Training

AR 25–30

Army Publishing Program

AR 75–15

Policy for Explosive Ordnance Disposal

AR 140–1

Mission, Organization, and Training

AR 190–12

Military Working Dogs

AR 220–1

Army Unit Status Reporting and Force Registration - Consolidated Policies

AR 350–1

Army Training and Leader Development

AR 350–19

The Army Sustainable Range Program

AR 700–28

Committee for Ammunition Logistics Support

DA Pam 700–16

The Army Ammunition Management System

FM 3–20.21

Heavy Brigade Combat Team (HBCT) Gunnery

FM 7–0

Train To Win in a Complex World

STP 31–18–SM–TG

Soldier's Manual and Trainer's Guide MOS 18 Special Forces Common Skills Skill Levels 3 and 4

STP 31–18C34–SM–TG

Soldier's Manual and Trainer's Guide MOS 18C Special Forces Engineer Sergeant Skill Levels 3 and 4

TC 3–01.86

Air Defense Artillery Patriot Gunnery Program

TC 3–09.8

Fire Support and Field Artillery Certification and Qualification

TC 3–19.5

Nonlethal Weapons Training

TC 3–20.0

Integrated Weapons Training Strategy (IWTS)

TC 3–22.9

Rifle and Carbine

TC 3–22.10

Sniper

TC 3–22.12

M26 Modular Accessory Shotgun System

TC 3–22.19

Grenade Machine Gun MK 19 MOD 3

TC 3–22.23

M18A1 Claymore Munition

TC 3–22.37

Javelin – Close Combat Missile System, Medium

TC 3–22.90

Mortars

TC 3–22.240

Medium Machine Gun

TC 3–23.30

Grenades and Pyrotechnic Signals

TC 3–23.35

Pistol

TC 4–11.46

Convoy Protection Platform (CPP) Collective Live Fire Exercises

TC 25–8

Training Ranges

TC 90–1

Training for Urban Operations

TM 3–23.25

Shoulder-Launched Munitions

Section III

Prescribed Forms

This section contains no entries.

Section IV

Referenced Forms

Unless otherwise indicated, DA forms are available at <https://armypubs.army.mil>.

DA Form 2028

Recommended Changes to Publications and Blank Forms

Glossary

Section I

Abbreviations

AC

Active Component

ACOM

Army command

AR

Army regulation

ARNG

Army National Guard

ASCC

Army service component command

CATS

Combined Arms Training Strategy

DA

Department of the Army

DCS

Deputy Chief of Staff

DRU

direct reporting unit

FM

field manual

MTOE

modification table of organization and equipment

POM

program objective memorandum

RC

Reserve Component

SM

Soldier's Manual

STP

Soldier Training Publication

STRAC

Standards in Training Commission

TA4C

Total Army Ammunition Authorization/Allocation Committee

TADSS

Training Aids, Devices, Simulators, and Simulations

TAMIS

Total Ammunition Management Information System

TC

training circular

TRADOC

U.S. Army Training and Doctrine Command

USAR

U.S. Army Reserve

USARC

U.S. Army Reserve Command

Section II

Terms

This section contains no entries.

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