**Department of the Army**
**Headquarters, United States Army**
**Training and Doctrine Command**
**Fort Monroe, Virginia 23651-1047**

***TRADOC Pamphlet 350-9**

**19 February 2009**

**Training**

# U.S. ARMY TRAINING AND DOCTRINE COMMAND TRAINING DEVICES FOR ARMYWIDE USE

FOR THE COMMANDER:

OFFICIAL:

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**History.** This publication is a rapid action revision. The portions affected by this rapid action revision are listed in the summary of change.

**Summary.** This rapid action revision describes United States Army Training and Doctrine Command (TRADOC) training devices produced by training support centers (TSC) or acquired through commercial sources to support training Armywide. This device program is centrally managed by the Army Training Support Center (ATSC), a TRADOC activity located at Fort Eustis, VA. This pamphlet does not contain all devices available through TSCs. A specific TSC may also manage locally designed and produced devices (which are not available Armywide) and U.S. Army Materiel Command (AMC) training devices. Further information on devices can be found in Department of the Army Pamphlet 350-9, through the Training Support-Materiel Armywide Tracking System (TS-MATS) internet application or local TSC catalog. Training devices described in this pamphlet are produced for Armywide use and are available for loan to units and institutions through the TSC system. These devices include those centrally produced by a TSC or a commercial source and distributed to other TSC for loan and issue, and drawings for Army training aid items which can be fabricated on request by a local TSC (if not already fabricated and available). While occasions of temporary nonavailability may arise, the TSC, through the Army command, may seek redistribution of a device from another TSC or request additional quantities in a follow-on production.

*This pamphlet supersedes TRADOC Pamphlet 350-9, dated 30 September 1993.

**Applicability.** This pamphlet applies to all Armywide organizations authorized use of training devices.

**Proponent and exception authority.** The proponent for this pamphlet 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.

**Supplementation**. Supplementation of this regulation and establishment of command and local forms is prohibited without prior approval from the Director, ATSC (ATIC), 2114 Pershing Avenue, Fort Eustis, VA 23604.

**Suggested improvements.** Users are invited to send comments and suggested improvements on Department of the Army (DA) Form 2028 (Recommended Changes to Publications and Blank Forms) directly to the Director, ATSC (ATIC), 2114 Pershing Avenue, Fort Eustis, VA 23604 or electronically to atsc-ops@atsc.army.mil. Suggested improvements may also be submitted using DA Form 1045 (Army Ideas for Excellence Program (AIEP) Proposal).

**Distribution.** This TRADOC regulation is available only on the TRADOC Homepage http://www.tradoc.army.mil.

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**Summary of Change**

TRADOC Pamphlet 350-9
TRADOC Training Devices For Armywide Use

This rapid action revision, dated 19 February 2009-

o Updates Deputy Chief of Staff, G-3/5/7 as the proponent.

o Adds references to new devices throughout the pamphlet.

o Deletes references to obsolete devices throughout the pamphlet.

o Changes all device numbers from two digits to three digit numbers throughout the pamphlet.

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## Chapter 1
## Introduction

### 1-1. Purpose
Training devices are three-dimensional objects and associated computer software developed, fabricated, stand alone, embedded, or appended and procured specifically for improving the learning process and to usually support the live training environment. This pamphlet describes three types of devices. They are:

a. Devices produced by one training support center (TSC) and distributed to other TSCs under central U.S. Army Training and Doctrine Command (TRADOC) management. These devices are designated in this pamphlet as “DVC T.”

b. Devices acquired through commercial sources as directed by TRADOC and distributed to TSCs.

c. Devices fabricated by TSCs from drawings for Army training aids (DATA) packages distributed by Army Training Support Center (ATSC). These devices are designated in this pamphlet as "DVC D."

### 1-2. References
Required and related publications and prescribed and referenced forms are listed in appendix A.

### 1-3. Explanation of abbreviations and terms
Abbreviations and special terms used in this regulation are explained in the glossary.

### 1-4. Responsibilities

### 1-5. Arrangement of pamphlet
Chapters 2 through 9 describe training devices which are managed by ATSC and are available for loan to units and institutions through TSCs. It includes devices which are produced by one TSC or acquired through a commercial source and distributed to other TSCs; and DATA items which can be fabricated by many TSCs upon request. The system of device designation is similar to that used in Department of the Army (DA) Pamphlet (Pam) 350-9, except that DATA devices are indicated by a -D suffix and TRADOC centrally produced devices are indicated by a -T suffix. The first number or numbers indicate the branch of service having the most usage for the item. The second number or numbers after the hyphen are sequential numbers which identify the device. Device descriptions are arranged in service branch groupings to assist users in identifying devices related to a specific branch. Series designations are listed in table 1-1.

### 1-6. Requirements and distribution

a. Requirements or suggestions for new devices will be submitted by: a proponent school, a major command, a unit, an individual, or a TSC. Army Regulation (AR) 350-38 provides instructions and formats for submission of requirements to ATSC. Distribution is identified in the appropriate requirements document.

b. Requirements for devices listed in this pamphlet should be directed to the requestor's supporting TSC as identified in AR 5-9.

c. Requests for items which are not available from the supporting TSC should be directed to ATSC (ATIC-DDS), 2112 Pershing Avenue, Building 2112, Fort Eustis, VA 23604 or atsc-ops@atsc.army.mil.

d. Training devices in this pamphlet marked limited production are not generally available.

e. Department of Defense activities other than the Army and government agencies requiring devices should contact at ATSC (ATIC-DDS), 2112 Pershing Avenue, Building 2112, Fort Eustis, VA 23604 or atsc-ops@atsc.army.mil.

f. Requests for training devices for Foreign Military Sales should be directed to the U.S. Army Security Assistance Command, 5701 21st Street Fort Belvoir, VA 22060-5940.

**Table 1-1**
**Branch and series designations**

| Prefix number | Branch of service | See figure(s) in this pam |
|---|---|---|
| 01 | Aviation | Not applicable |
| 03 | Chemical | Not applicable |
| 05 | Engineer | Figures 2-1 through 2-25 |
| 06 | Field Artillery | Not applicable |
| 07 | Infantry | Figures 3-1 through 3-19 |
| 08 | Medical | Not applicable |
| 09 | Ordnance | Figures 4-1 through 4-155 |
| 10 | Quartermaster | Figure 5-1 |
| 11 | Signal | Figure 6-1 |
| 17 | Armor | Figure 7-1 through 7-7 |
| 19 | Military Police | Not applicable |
| 20 | General | Not applicable |
| 21 | Individual | Not applicable |
| 23 | Weapons | Figures 8-1 through 8-7 |
| 30 | Intelligence/Opposing Force | Figures 9-1 through 9-17 |
| 44 | Air Defense Artillery | Not applicable |
| 55 | Transportation | Not applicable |
| 57 | Airborne | Not applicable |

**Chapter 2**
**Engineering-05 Series**

## 2-1. Engineer devices

The devices in chapter 2 are used by the engineer field.

## 2-2. DVC–T 05 041 placed training mine(PTM) kit

Kit is used to demonstrate and practice arming and disarming procedures of mines and booby traps. Mines produce an audible sound when detonated, see figure 2-1. The kit is packaged in a durable, man portable carrying case with a foam liner. Components of the kit are listed in table 2-1.


**Figure 2-1. DVC-T 05-041 PTM kit**

**Table 2-1**
**Components of PTM kit**

| Antitank Mines | Antipersonnel Mines | Antihandling Devices | Fuzes | Wrenches | Miscellaneous. Items |
|---|---|---|---|---|---|
| M15 | M16A2 | M1 | M603 | M20 | M1 Activator |
| M19 | M14 | M1M1 | M605 | M22 | M2 Activator |
| M21 | M18A1 | M3 | M607 | M25 | M120 Booster |
| | | MS | | M26 | Spool of trip wire |
| | | M142 | | | |

## 2-3. DVC-D 05-043A through DVC-D-043C Bangalore torpedo

Components that replicate the actual Bangalore torpedo. Tubes are filled with dry sand before use. The inert Bangalore torpedo kit is used to train units that have a requirement to employ an inert Bangalore torpedo to Army mission training plan standards (task number 5-4-0310 as required by DA Pam 350-38, para 6-13). See figures 2-2, 2-3, and 2-4.

**Figure 2-2. DVC-D 05-043A Bangalore connecting sleeve**

**Figure 2-3. DVC-D 05 043B Bangalore loading assembly**

**Figure 2-4. DVC-D 05 043B Bangalore nose sleeve**

**2-4. DVC-D 05-046 demolition effects simulator (DES)**

Data package that provides information needed to construct and safely employ DES devices to include suggested operational uses, bills of material, and specifications for assembly. Included is a brief overview of the DES program, basic priming methods, and drawings for each DES, safety procedures and risk assessments, sources, resources and references. These devices can simulate blowing mines in place, destroying timber trestle bridges, destroying captured equipment and supplies, blowing road craters and gaining access to a building during military operations on urbanized terrain operations. They replace real demolitions for Soldiers to practice appropriate special operations training steps and safety procedures. See figure 2-5. The package consists of nine different simulators the M5A1 block, 1 pound trinitrotoluene block, M37 satchel charge, M112 C-4 block, 15 pound shape charge, 40 pound shape charge, 40 pound cratering charge, Bangalore torpedo, and M118 sheet explosive.

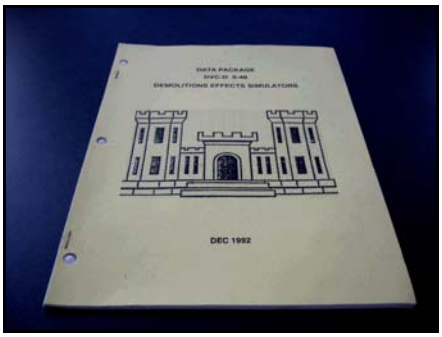


**Figure 2-5. DES**

**2-5. DVC-T 05-047 ordnance**

A set of plastic and metal replicas of explosive ordnance items for training purposes. The items are divided into one of the four types: dropped, projected, thrown, and placed. They are designed to be used for classroom and outdoor instruction for unexploded ordnance (UXO) training. Each element that will be conducting training will require at least one item from each of the four types. The items will be issued separately, this is not designed to be issued as a "package." There are sufficient items for several elements to be training at the same time. See figure 2-6. See table 2-2 for UXO training requirements and references.

**Figure 2-6. Unexploded ordnance (UXO) training aids**

**Table 2-2**
**Training requirements and references**

| Training Requirements Common Tasks | Reference Publications: |
|---|---|
| 093-403-5010 | FM 21-16 |
| 093-403-5020 | FM 21-14-SMCT |
| 093-403-5030 | |

**2-6. DVC-D 05-048A through DVC-05-048D thermoformed plastic molds**

Used as a form for local fabrication of concrete training mines. The DATA package provides all information needed to make the mines. Concrete mines are the interim solution for collective and force-on-force training and will be used until the mine effects simulator mine is available. See figures 2-7 through 2-10.

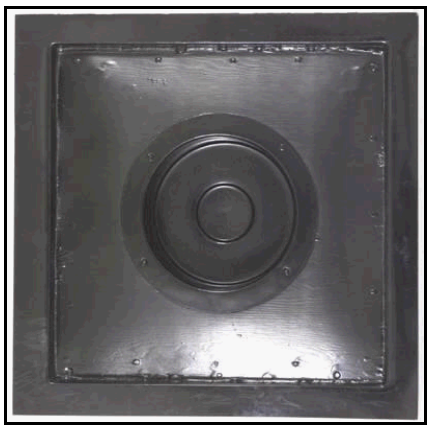

**Figure 2-7. DVC-D 05-048A mine mold, M21**

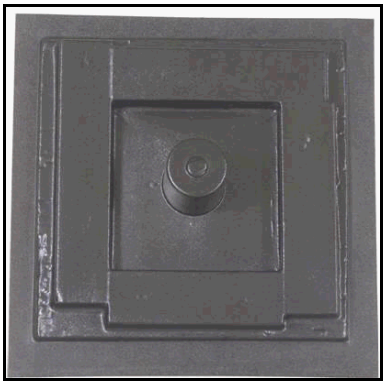

**Figure 2-8. DVC-D 05-048B mine mold, M16**

**Figure 2-9. DVC-D 05-048C AT mine mold, M15**

**Figure 2-10. DVC-D 05-048D AT mine mold, M19**

## 2-7. DVC-T 05-048E through DVC-T 05048N plastic plugs

Plastic plugs, boosters, fuzes and tools used with concrete mines, see figures 2-11 through 2-20. The mine mold packages provide all information needed to make the mines.

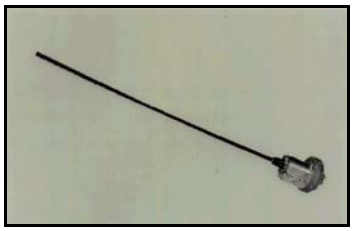

**Figure 2-11. DVC-T 05-048E M607 fuse**

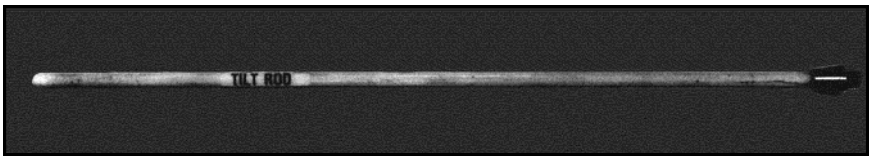


**Figure 2-12. DVC-T 05-048F tilt rod**

**Figure 2-13. DVC-T 05-048G M26 arming wrench**

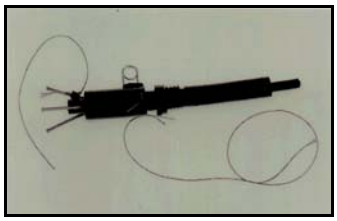

**Figure 2-14. DVC-T 05-048H M606 fuse**

**Figure 2-15. DVC-T 05-048I M25 arming wrench**

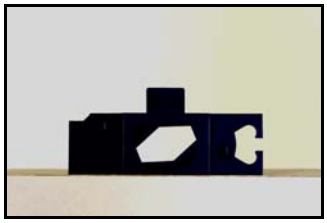

**Figure 2-16. DVC-T 05-048J M20 arming wrench**


**Figure 2-17. DVC-T 05-048K M1 activator**


**Figure 2-18. DVC-T 05-048L M2 activator**

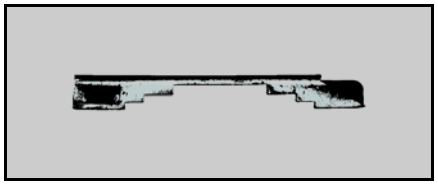

**Figure 2-19. DVC-T 05-048M M22 arming wrench**

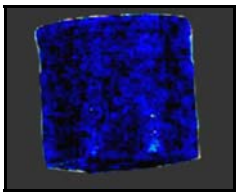

**Figure 2-20. DVC-T 05-048N M120 booster**

## 2-8. DVC–T 05-050, DVC–T 05-051, DVC–T 05-053, and DVC–T 05-054 training board sets

Two dimensional plastic replica training board sets, see figures 2-21 through 2-24. These recognition boards will show actual dimensions of the ordnance items, enhancing the Soldier's ability to recognize UXO hazards.


**Figure 2-21. DVC-T 05-050 UXO recognition set-7 boards**


**Figure 2-22. DVC-T 05-051 mine recognition set-4 boards**


**Figure 2-23. DVC-T 2-053 Bosnia mine recognition set-5 boards**


**Figure 2-24. DVC-T 05-054 Iraqi mine recognition set-5 boards**

**2-9. DVC-T 05-062 improvised explosive device (IED) kit**
Kit contains different types of Iraqi training munitions. Instructions on how to make and employ IEDs in training are available in this kit. The intent is that while training, a unit will be exposed to a wide variety of IEDs. The munitions in the kit would be interchangeable to reflect the weapon of choice used in the area of operation. See figure 2-25.

**Figure 2-25. DVC-T 05-062 IED kit**

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**Chapter 3**
**Infantry-07 Series**

**3-1. Infantry devices**
The devices in chapter 3 are generally used by the Infantry Branch.

**3-2. DVC-T 07-083A and DVC-T 07-083B M16A1 rifle**
Full-scale, three dimensional plastic replicas of the M16A1 rifle with a modified barrel. This device can be used for drill and ceremony instruction, physical training, and demonstrations. See figure 3-1.

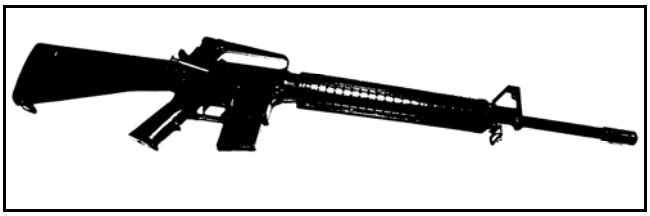

**Figure 3-1. DVC-T 07-083A and DVC-T 07-083B M16A2 rifle**

### 3-3. DVC-T 07-084B sighting device

A metal frame that attaches to the rear of the M16A1/A2 rifle carrying handle. A piece of smoked Plexiglas is inserted in the frame to allow a coach to view the Soldier's aiming point, see figure 3-2. This device slips onto the rear of the carrying handle for the M16A1/A2 rifle. When the Soldier looks through his sights, the coach, positioned alongside the Soldier, can look at the reflection on the tinted glass and view the same picture as the Soldier. This device is also known as the cheater or Belgian sight. The M16B sighting device allows coaches to insure their Soldiers are aiming correctly at the targets. Order DVC-T 07-084BR for right-handed Soldiers and DVC-T 07-084BL for left-handed Soldiers. See figure 3-2.

**Figure 3-2. DVC-T 07-084B sighting device**

### 3-4. DVC-T 07-085 magazine rounds counter

A hammer shaped plastic device which has graduations from 5 to 30 for measuring ammunition in 5 round increments. This device is used for accurately measuring the number of rounds in a magazine. Use of it not only saves loaders time, but insures that each Soldier has the proper number of rounds for each exercise. The handle of the device is placed into the magazine and forced down as far as it will go into the magazine. The Soldier looks at the graduations and instantly knows whether the magazine has enough ammunition. It can also be used to ensure that a magazine functions properly before loading. See figure 3-3.

**Figure 3-3. DVC-T 07-085 M16 magazine rounds counter**

### 3-5. DVC-T 07-086 target box paddle

A plate of plexiglass, 12 5/8" in length, with a silhouette target (scaled for 250 meters at 25 meters and 15 yards) on each end. On the center of the handle there are 2 circles (4cm and 1cm). The smaller one is for checking the shot group size during the target box exercise and the larger circle is for the live fire exercise. Soldiers practice with this device to insure that they can find the same aiming point each time they fire. Soldiers look through the sights of an M16A1 (in a

cradle) and tell their counterparts downrange in which direction they need to move the target paddle to achieve proper aiming point. When the proper aiming point is achieved the assistants mark the target board. Soldiers need to have 3 out of 3 shots within the 1cm circle to receive a go on the exercise. See figure 3-4.

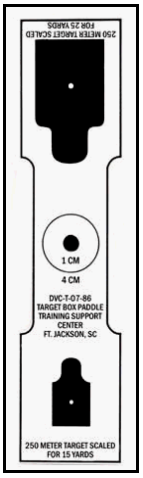


**Figure 3-4. DVC-T 07-06 target box paddle**

### 3-6. DVC-T 07-087 riddle sighting device

A silhouette target printed on a plastic strip which adheres to a small metal frame that attaches to the front sight of the M16A1 rifle. The device is used to insure that Soldiers can obtain a correct sight picture with their own weapons The device is attached to the front sight post and then moved until the Soldier obtains the correct sight picture. See figure 3-5.

**Figure 3-5. DVC-T 07-087 riddle sighting device**

### 3-7. DVC-T 07-088 chamber checker

A plastic replica of the chamber safety flag. This device is used to plug the barrel of the M16A1/A2 rifle at the receiver group to indicate the weapon is cleared. See figure3-6.

**Figure 3-6. DVC-T 07-088 chamber checker**

**3-8. DVC 07-T 093 javelin missile simulation round (MSR) with command and launch unit (CLU)**

A full-sized, non-operational, replica of a tactical round, capable of being attached to a tactical CLU. The MSR is a dummy round with same weight, shape, size, form, color, feel, tactile sensation, center-of-gravity, and appearance of the tactical javelin round. The javelin MSR will be used to train in the handling and transportation of the round and the assembly and disassembly procedures with a CLU. See figure 3-7.

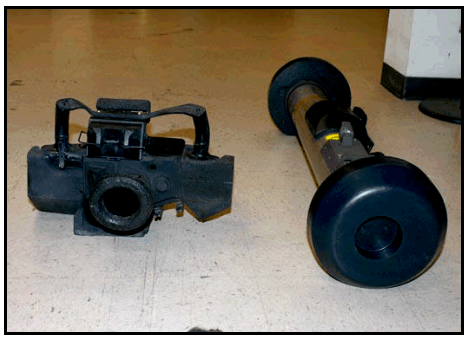

**Figure 3-7. DVC 07-T 093 javelin MSR with CLU**

**3-9. DVC-T 07-096 carbine, M4, plastic**

A plastic replica of the M-4 Carbine with the external appearance and weight of the actual weapon. This device can be used in field exercises not requiring live fire. See figure3-8.

**Figure 3-8. DVC-T 07-096 carbine, M4, plastic**

**3-10. DVC-T -7-099 9mm (millimeter) plastic pistol**

A plastic replica of the .9mm plastic pistol with the external appearance and weight of the actual weapon. This device can be used for teaching disassembly and reassembly procedures without using the real pistols. See figure3-9.

**Figure 3-9. DVC-T 07-099 .9mm pistol**

### 3-11. DVC-T 07-100 multi-purpose arcade combat simulator (MACS)

MACS rifle marksmanship sustainment training device is based on a computer system. A light pen attached to a surrogate M16A/2 rifle provides the interface between the weapon and monitor on which the training programs are displayed. MACS is applicable in the sustainment of shooting skills, especially sight picture, sight alignment, trigger squeeze and breath control. Programs are provided which are intended to take the shooter from basic fundamentals through engagement of moving targets. See figure 3-10.

**Figure 3-10. DVC-T 07-100 multipurpose arcade combat simulator (MACS)**

### 3-12. DVC-T 07-101 bayonet chest cavity

The chest cavity is a plastic block 16 x 16 x 4 ½ inches with a 14 x 14 x 2 ¼ inch wooded core. This device will be used to teach bayonet training to develop confidence, coordination, and endurance. Also, this device will be used to familiarize the new solider with the basics of bayonet fighting, and to assist in developing discipline and esprit de corps. See figure 3-11.

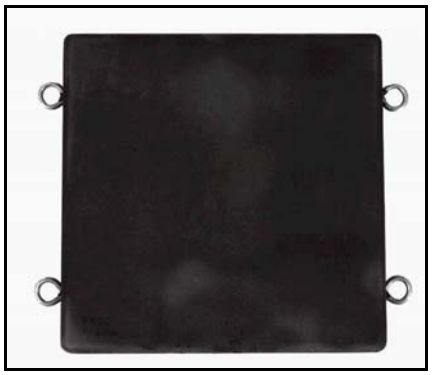

**Figure 3-11. DVC-T 07-101 bayonet chest cavity**

**3-13. DVC-T 07-102 parry arm**
The parry arm is 3 inches in diameter and 51inches length with a galvanized pipe core 1 5/8 inch diameter and 51 inches long. This device will be used to teach bayonet training to develop confidence, coordination, and endurance. Also, this device will be used to familiarize the solider with the basics of bayonet fighting, and to assist in developing discipline and esprit. See figure 3-12.

**Figure 3-12. DVC-T 07-102 parry arm**

**3-14. DVC-T 07-103 dime washer**
A two piece plastic device used to help the soldier with breathing and flinching. This device will be used to steady the aim of fire. See figure 3-13.

**Figure 3-13. DVC-T 07-103 dime washer**

**3-15. DVC-T 07-104/3A, DVC-T 07-104/3B DVC-T 07-104/3C DVC-T 07-104/3D, DVC-T 07-104/3E and DVC-T 07-104/3F ashley targets**
Realistic vinyl target representations of friendly, enemy, or non-combatant Soldiers and civilians. The use of these TADSS will add target discrimination as a sub-task for initial entry training. See figures 3-14 for friendly and 3-15 for enemy targets.

**Figure 3-14. DVC-T 07-104/3A 10, DVC-T 07-4/3B, and DVC-T 07-1043/C ashley targets (friendly)**

**Figure 3-15. DVC-T 07-104/3D, DVC-T 07-4/3E, and DVC-T 07-104/3F ashley target (enemy)**

### 3-16. DVC-T 07-105 rifle rest target box

A wooden crate device that provides a position cradle for firing and aiming the weapon. This device is used for basic rifle marksmanship training. See figure 3-16.

**Figure 3-16. DVC-T 07-105 rifle rest target box**

### 3-17. DVC-T 07-106 (formerly DVC-T 99-038) antitank (AT) field handling trainer (FHT) rocket launcher

A plastic replica of the AT4 FHT rocket launcher with the external appearance and weight of the actual weapon. The use of this TADSS allows safe, realistic handling training. See figure 3-17.

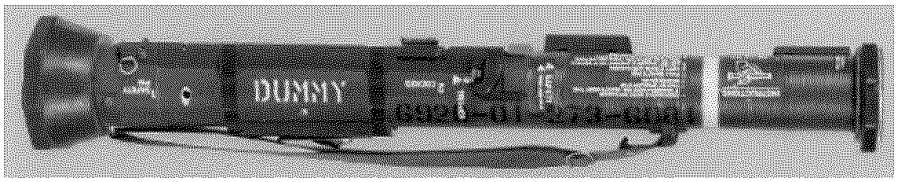


**Figure 3-17. DVC-T 07-106 AT 4 FHT rocket launcher**

### 3-18. DVC-T 07-107 pugil stick

Foam padded tubes that are 5 ½ in diameter. Training in one-on-one pugil techniques increase a Soldier's skill in rifle-bayonet fighting, aggression and confidence. This training furnishes the fighter with an opponent who can think, move, fight back, and (most importantly) make corrections. See figure 3-18.

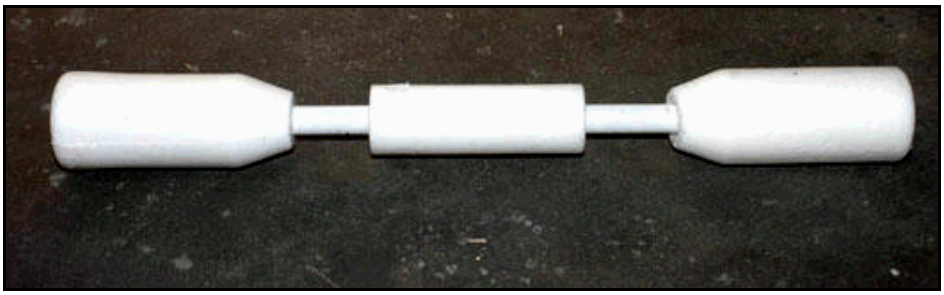

**Figure 3-18. DVC-T 07-107 pugil sticks**

### 3-19. DVC-T 07-108 combat dummy

Foam plastic first aid dummies/combat dummies. These training aids replicate the full body. The purpose of the dummy is to teach the Soldiers how to splint broken arms, legs etc. See figure 3-19.

**Figure 3-19. DVC-T 07-108 combat dummy**

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## Chapter 4
## Ordnance–09 Series

### 4-1. Ordnance devices

The devices in chapter 4 are generally used by the Ordnance Branch.

### 4-2. DVC-T 09-34 through DVC-T 09-130 bombs, rockets, projectiles, fuzes, and mines

Full scale replicas of U.S. and foreign bombs, rockets, projectiles, fuzes and mines. These devices are primarily used to teach and practice render safe procedures to support training of explosive ordnance disposal (EOD) personnel. These submunitions; rockets; mortars; fuses, and grenades will be used for recognition, detection, and removal in an EOD or UXO class. Refer to AR 75-15 for regulatory guidance. Refer to table 4-1 for training requirements supported by these devices. See figures 4-1 through 4-151.

**Table 4-1**
**Training requirements supported by ordnance devices**

| Field Manual 9-55D1/2: | Field Manual 9-55D3: | Field Manual 9-55D4: | Field Manual 9-55D5 | Army Training and Evaluation Program(ARTEP) 9-520 |
|---|---|---|---|---|
| 093-401-1106 | 093-401-3142 | 093-401-4302 | 093-401-5381 | 3-11-111-1 |
| 093-401-1108 | 093-401-3221 | | | 3-11-111-2 |
| 093-401-1181 | | | | 3-11-111-3 |
| 093-401-1182 | | | | 3-11-111-4 |
| 093-401-1221 | | | | 3-11-111-5 |
| 093-401-1222 | | | | |
| 093-401-1224 | | | | |
| 093-401-1227 | | | | |
| 093-401-1228 | | | | |
| 093-401-1381 | | | | |
| 093-401-1385 | | | | |
| 093-401-2108 | | | | |
| 093-401-2141 | | | | |


**Figure 4-1. DVC-T 09-034/3 projectile white phosphorus D462, USSR**


**Figure 4-2. DVC-T 09-036/1, 82mm mortar white phosphorus, D-832, USSR**


**Figure 4-3. DVC-T 09-037 OF-462 projectile, USSR**


**Figure 4-4. DVC-T 09-038 projectile white phosphorus, 500-1, Czech**

**Figure 4-5. DVC-T 09-053/5 VM 60 rocket and projectile fuze, USSR**


**Figure 4-6. DVC-T 09-039 mine, antitank TM62M, USSR**

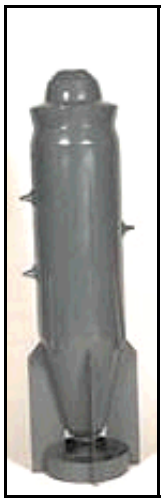

**Figure 4-7. DVC-T 09-040 bomb, high explosive (HE), fragmenting, model OFAB**

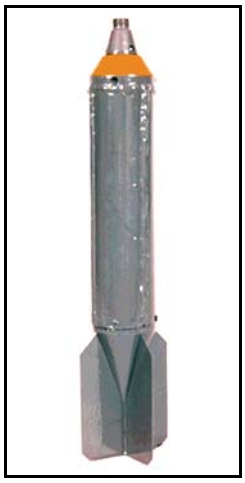

**Figure 4-8. DVC-T 09-041 bomb, incendiary, ZAB, 2.5 USSR**

**Figure 4-9. DVC-T 09-042 bomb, PTAB 2.5 with fuze, USSR**

**Figure 4-10. DVC-T 09-043 mine, antipersonnel (AP)**

**Figure 4-11. DVC-T 09-043/1 mine, TM-57, USSR**

**Figure 4-12. DVC-T 09-043/2 mine, TM-46, USSR**

**Figure 4-13. DVC-T 09-047 projectile, HE, RAP, OF-23, 180mm**

**Figure 4-14. DVC-T 09-048/1 projectile, grenade, PG9**

**Figure 4-15. DVC-T 09-048/2 projectile, grenade, PG7M**

**Figure 4-16. DVC-T 09-049 bomb, cluster, PTAB 500-225, USSR**

**Figure 4-17. DVC-T 09-051 bomb, cluster, PTAB 250, USSR**

**Figure 4-18. DVC-T 09-053/1 rocket and projectile fuze, VM30, USSR**

**Figure 4-19. DVC-T 09-053/2 rocket and projectile fuze, VM30L, USSR**

**Figure 4-20. DVC-T 09-053/3 fuze, rocket and projectile fuze, RGM, USSR**

**Figure 4-21. DVC-T 09-053/4 rocket and projectile fuze, RGM2, USSR**

**Figure 4-22. DVC-T 09-053/5 rocket and projectile fuze, VM60, USSR**

**Figure 4-23. DVC-T 09-053/6 rocket and projectile fuze, KTM-1, USSR**

**Figure 4-24. DVC-T 09-053/7 rocket and projectile fuze, KTM-IU, USSR**

**Figure 4-25. DVC-T 09-053/8 rocket and projectile fuze, MGZ-57, USSR**


**Figure 4-26. DVC-T 09-053/9 rocket and projectile fuze, M-6, USSR**

**Figure 4-27. DVC-T 09-053/10 rocket and projectile fuze, M-12, USSR**

**Figure 4-28. DVC-T 09-053/11 rocket and projectile fuze, GK-2, USSR**

**Figure 4-29. DVC-T 09-053/12 rocket and projectile fuze, V-429, USSR**

**Figure 4-30. DVC-T 09-053/13 rocket and projectile fuze, MRV-42, USSR**

**Figure 4-31. DVC-T 09-053/14 rocket and projectile fuze, MG-57, USSR**

**Figure 4-32. DVC-T 09-053/15 rocket and projectile fuze, V-25, USSR**

**Figure 4-33. DVC-T 09-053/18 rocket and projectile fuze, VSK, USSR**

**Figure 4-34. DVC-T 09-053/19 rocket and projectile fuze, V-90, USSR**

**Figure 4-35. DVC-T 09-055 mine, OKT-8, USSR**

**Figure 4-36. DVC-T 09-056 bomb, PROSAB 250**

**Figure 4-37. DVC-T 09-057 bomb, PTAB 2.5M, USSR**

**Figure 4-38. DVC-T 09-058/1 fuze, T-7, USSR**

**Figure 4-39. DVC-T 09-058/2 fuze, VDM, Czech**

**Figure 4-40. DVC-T 09-058/3 fuze, GPV-2, USSR**

**Figure 4-41. DVC-T 09-058/4 fuze, NZ-60V, Czech**

**Figure 4-42. DVC-T 09-058/5 fuze projectile, PD30-BD, Czech**

**Figure 4-43. DVC-T 09-059/1 mortar, SIMM, NE, M66, 81mm, Yugoslavia**

**Figure 4-44. DVC-T 09-059/2 mortar, S-843, 120mm, illumanted, USSR**

**Figure 4-45. DVC-T 09-059/3 mortar, D-5, 120mm, smoke, USSR**

**Figure 4-46. DVC-T 09-059/4 mortar, M56, 120mm, HE, Yugoslavia**

**Figure 4-47. DVC-T 09-060/1 rocket, S-5K, 57mm, HEAT, USSR**

**Figure 4-48. DVC-T 09-060/2 rocket, RP-2, 130mm, HE, Czech**

**Figure 4-49. DVC-T 09-060/3 rocket, TYPE 63, 107mm, HE, Peoples Republic of China (PRC)**

**Figure 4-50. DVC-T 09-060/4 rocket, M-14-OF, 140mm, HE, USSR**

**Figure 4-51. DVC-T 09-061 grenade, rifle, heat, M57 with fuze UTI M61**

**Figure 4-52. DVC-T 09-062/1 projectile, HE, fragmenting, OF-412, 100mm, USSR**


**Figure 4-53. DVC-T 09-062/2 projectile fragmenting, OF-415, 100mm, USSR**

**Figure 4-54. DVC-T 09-062/3 projectile heat, BK-881, 82mm, USSR**


**Figure 4-55. DVC-T 09-062/4 projectile PSV, 85mm, AP, Czech**


**Figure 4-56. DVC-T 09-062/5 projectile PSV, 100mm, AP, Czech**

**Figure 4-57. DVC-T 09-063/1 projectile, BK-883, heat, 107mm, USSR**

**Figure 4-58. DVC-T 09-063/2 projectile, OF-18, fragmenting, 115mm, USSR**

**Figure 4-59. DVC-T 09-063/3 projectile, C-463, 122mm, illumanted, USSR**

**Figure 5-60. DVC-T 09-063/4 projectile, OF-482, 130mm, HE, fragmenting, USSR**

**Figure 5-61. DVC-T 09-063/5 projectile, DTS-1, 130mm, target marker, USSR**


**Figure 5-62. DVC-T 09-063/6 projectile, CP-46, 130mm, illumanted, USSR**

**Figure 4-63. DVC-T 09-063/7 projectile, BR482B, 130mm, AP, USSR**

**Figure 4-64. DVC-T 09-063/8 projectile, OF, 152mm, Czech**

**Figure 4-65. DVC-T 09-063/9 projectile, G543, 152mm, USSR**

**Figure 4-66. DVC-T 09-063/10 projectile, M31/37, 122mm, Yugoslavia**

**Figure 4-67. DVC-T 09-064 mortar, F-864, 240mm, USSR**

**Figure 4-68. DVC-T 09-065 projectile, 75mm, PRC**

**Figure 4-69. DVC-T 09-066/1 bomb fuze, AV-1 modified, USSR**

**Figure 4-70. DVC-T 09-066/2bomb fuze, AV-1 D/V, USSR**

**Figure 4-71. DVC-T 09-067/1 bomb fuze, VDV unarmed, USSR**

**Figure 4-72. DVC-T 09-067/2 bomb fuze, VDV armed, USSR**

**Figure 4-73. DVC-T 09-068 projectile fuze, GVMZ-7, USSR**

**Figure 4-74. DVC-T 09-070 bomb, AO 50-100, USSR**

**Figure 4-75. DVC-T 09-071 bomblet, AO1, with fuze AM-A**

**Figure 4-75. DVC-T 09-072 fuze, bomb, AM-A**

**Figure 4-76. DVC-T 09-073 fuze, projectile, type 1**

**Figure 4-77. DVC-T 09-074 fuze, bomb, ADVM (armed)**

**Figure 4-78. DVC-T 09-075 fuze, bomb, ADVM (unarmed)**

**Figure 4-79. DVC-T 09-076 mine, antipersonnel, Belgium**

**Figure 4-80. DVC-T 09-077 fuze, projectile, type 53, model 2, PRC**

**Figure 4-81. DVC-T 09-078 fuze, projectile, type 1, PRC**

**Figure 4-82. DVC-T 09-079 fuze, projectile, type 100-3, PRC**

**Figure 4-83. DVC-T 09-080 fuze, projectile, type 9, PRC**

**Figure 4-84. DVC-T 09-081 mortar, 60mm, HE, type unknown, PRC**

**Figure 4-85. DVC-T 09-082 60mm, HE, fragmenting, type 31, PRC**

**Figure 4-86. DVC-T 09-083 mine, model PMD with fuze MUV**

**Figure 4-87. DVC-T 09-084 landmine, AP NO. 7 MK1, Great Britain**

**Figure 4-88. DVC-T 09-084/1 mine, bar, L90, Great Britain**

**Figure 4-89. DVC-T 09-84/3 landmine, M19, U.S.**

**Figure 4-90. DVC-T 09-084/4 landmine, RAAM, U.S.**

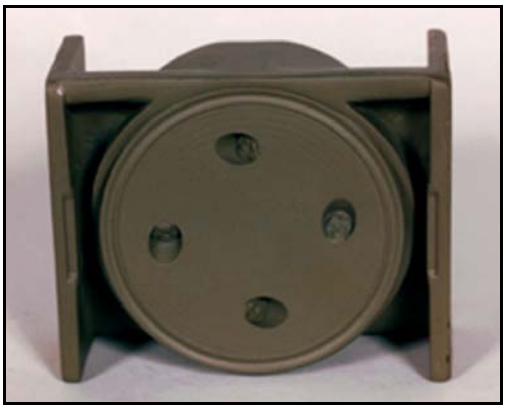

**Figure 4-91. DVC-T 09-084/5 landmine, GATOR, U.S.**

**Figure 4-92. DVC-T 09-085 grenade, heat**

**Figure 4-93. DVC-T 09-086 landmine AP, POMZ-2M**

**Figure 4-94. DVC-T 09-087 fuze, bomb, ATM-EB**

**Figure 4-95. DVC-T 09-088 fuze, bomb, AVU-E**

**Figure 4-96. DVC-T 09-089 projectile with fuze, 81mm, illumanted, Israel**

**Figure 4-97. DVC-T 09-090 grenade, with concussion, AZ-58K-100**

**Figure 4-98. DVC-T 09-091 fuze, projectile, type M-5, PRC**

**Figure 4-99. DVC-T 09-092 landmine, AP, France**

**Figure 4-100. DVC-T 09-093 projectile, 52mm, illumanted, Israel**

**Figure 4-101. DVC-T 09-094 fuze, projectile, model 28/21 B35, France**

**Figure 4-102. DVC-T 09-095 UZE PTAB 2.5 meter (modified)**

**Figure 4-103. DVC-T 09-096 rocket, 132mm, model S3K**

**Figure 4-104. DVC-T 09-097 grenade, hand/HEAT, Hosam type 1, Egypt**

**Figure 4-105. DVC-T 09-098 landmine, AP, HE, model 59, "inkstand" France**

**Figure 4-106. DVC-T 09-099 mortar, 82mm, illumanted, 832C**

**Figure 4-107. DVC-T 09-100 mortar, 60mm, PRC**

**Figure 4-108. DVC-T 09-101 grenade, heat/hand, HOSAM, type 3, Egypt**

**Figure 4-109. DVC-T 09-103 projectile, smoke, Israel**

**Figure 4-110. DVC-T 09-104 landmine, PMA-3, Yugoslavia**

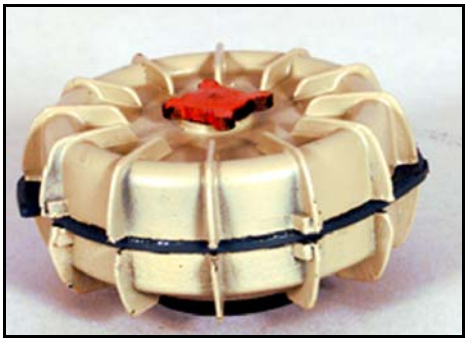

**Figure 4-111. DVC-T 09-105 landmine, VSAR 50, Italy**

**Figure 4-112. DVC-T 09-105/1 mine, TC-6, Italy**

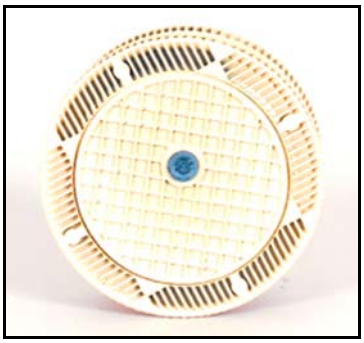

**Figure 4-113. DVC-T 09-105/2 mine, TC 2.4, Italy**

**Figure 4-114. DVC-T 09-105/3 mine, HCT-2, Italy**

**Figure 4-115. DVC-T 09-105/4 mine, VC 2.2, Italy**

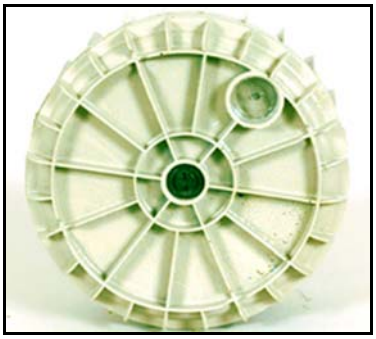

**Figure 4-116. DVC-T 09-105/5 mine, HCT, Italy**

**Figure 4-117. DVC-T 09-105/6 mine, Valnara, Italy**

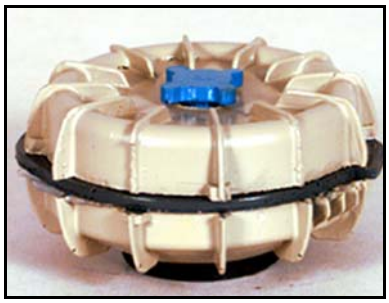

**Figure 4-118. DVC-T 09-105/7 mine, APVS-SO (smooth top), Italy**

**Figure 4-119. DVC-T 09-105/8 mine, AP, VS-MK 2, Italy**

**Figure 4-120. DVC-T 09-105/9 mine, AP, VS1.6, Italy**

**Figure 4-121. DVC-T 09-105/10 mine, adam**

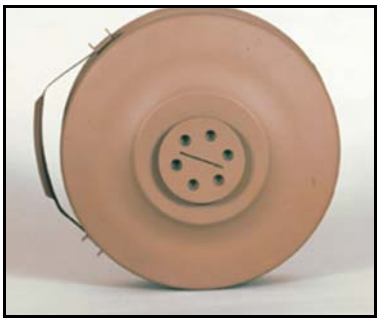

**Figure 4-122. DVC-T 09-105/11 mine, mark 7**

**Figure 4-123. DVC-T 09-105/12 mine, FMK-3**

**Figure 4-124. DVC-T 09-105/13 mine, C3-B**

**Figure 4-125. DVC-T 09-105/14 mine**


**Figure 4-126. DVC-T 09-106 rocket, warhead, 57mm, HE, model 55M**


**Figure 4-127. DVC-T 09-107 rocket, warhead, 57mm, heat, model S5K**

**Figure 4-128. DVC-T 09-108 landmine, TM 46 (modified)**

**Figure 4-129. DVC-T 09-109 grenade, hand, Italy**


**Figure 4-130. DVC-T 09-110 grenade, rifle, 57mm, silent mortar**

**Figure 4-131. DVC-T 09-111 rocket, 57mm, (LR), USSR**

**Figure 4-132. DVC-T 09-112 rocket, 57mm, (SR), USSR**

**Figure 4-133. DVC-T 09-113 projectile, 115mm, model BK-4M**

**Figure 4-134. DVC-T 09-114 projectile, 76mm, heat, model BK-354M**

**Figure 4-135. DVC-T 09-115 grenade, rocket, 73mm, HE, fragmenting, model OG-9**

**Figure 4-136. DVC-T 09-116 projectile, 90mm, CAN-90, Belgium**

**Figure 4-137. DVC-T 09-117 fuze, 36mm, GO-2, USSR**

**Figure 4-138. DVC-T 09-118 fuze, UTM-1 Yugoslavia**

**Figure 4-139. DVC-T 09-119 fuze, PSM, 4MK-1**

**Figure 4-140. DVC-T 09-120 rocket fuze, UTI M-63**

**Figure 4-141. DVC-T 09-121 60mm mortar, M270, U.S.**

**Figure 4-142. DVC-T 09-123 fuze MTX, M565, U.S.**

**Figure 4-143. DVC-T 09-124 rocket fuze, PROT M429, U.S.**

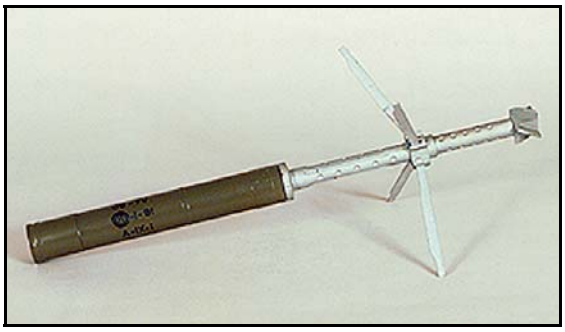

**Figure 4-144. DVC-T 09-126/1 grenade, 0G-7, USSR**

**Figure 4-145. DVC-T 09-127/1 rocket, RPG 18, USSR**

**Figure 4-146. DVC-T 09-127/2 rocket, RPT 22, USSR**

**Figure 4-147. DVC-T 09-127/3 submunition, BLU-97/B**

**Figure 4-148. DVC-09-127/4 submunition MK 118**

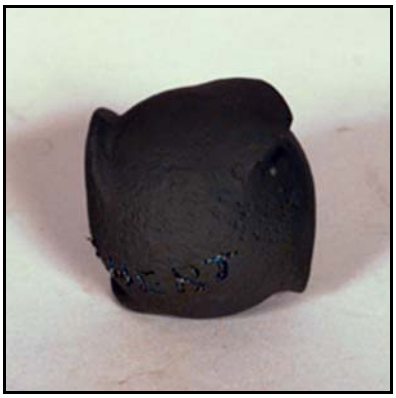

**Figure 4-149. DVC-T 09-127/5 submunition, M74**

**Figure 4-150. DVC-T-09-127/6 submunition, M118**

**Figure 4-151. DVC-7 09-127/7 bomb with fuze, MK82**

**Figure 4-153. DVC-T 09-128 mine recognition kit, Bosnia**

**Figure 4-154. DVC-T 09-129 mine kit, Iraq**

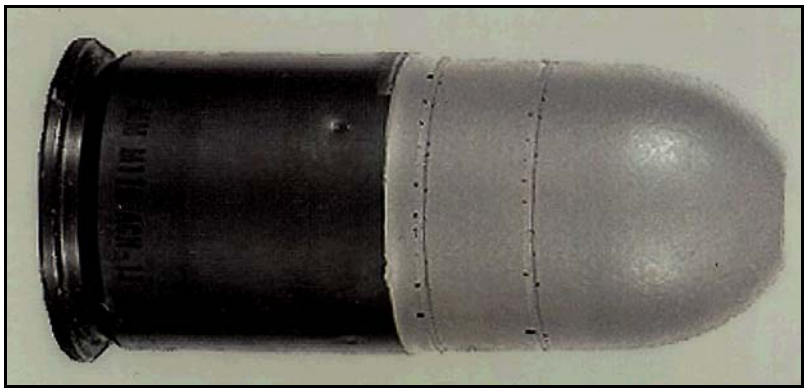

**Figure 4-155. DVC-T 09-130 M203 round**

Note: DVC-T 09-130 is an inert 40mm round with either a brass or plastic case, with a blue or black plastic projectile. This device is used to familiarize Soldiers with the procedures to load and unload the M-203 grenade launcher used with the M16A2 rifle.

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## Chapter 5
## Quartermaster-10 Series

### 5-1. Quartermaster devices
The devices in chapter 5 are generally used by the Quartermaster Branch.

### 5-2. DVC-T 10-020 graves registration kit (GRREG)
The Graves Registration (GRREG) kit is a hands-on exportable device used to train and evaluate personnel in graves registration operations and procedures. It supports teaching critical tasks in military occupational specialty 92M, graves registration specialist; skill qualification test; Soldiers' manuals; and applicable ARTEPS. See table 5-1 for the components of the kit. See figure5-1. The kit contains the following items: a wooden box containing a human skeleton, a layout chart, a fingerprint kit, a set of teeth for training individuals to prepare dental charts, a graphic aid that shows materials used for filling teeth, a complete set of manuals, and a self-paced text on search and recovery operations.


**Figure 5-1. DVC-T 10-020 graves registration kit**

**Table 5-1**
**Graves registration kit**

| Item | Quantity |
|---|---|
| 1. Carrying case | 1 each |
| 2. Fingerprint kit | |
| a. Case | 1 each |
| b. Shovel card holder | 1 each |
| c. Porelon inker | 1 each |
| 3. Skeleton carrying case | 1 each |
| 4. Male skeleton, unassembled | 1 each |
| 5. Dental models | 2 sets |
| 6. Dental material board | 1 each |
| 7. Skeleton chart | 1 each |
| 8 Bone measuring device | |

## Chapter 6
## Signal-11 Series

### 6-1. Signal device
The device in chapter 6 is generally used by the Signal Branch.

### 6-2. DVC-T 11-061 Single Channel Ground and Airborne Radio System (SINCGARS) radio
A 5:1 mockup of the SINCGARS radio. The device is fabricated with the knobs and buttons of the RT 1523D SINCGARS radio and is attached to a dolly for maneuverability around and between classrooms. This device is used in the 25C course to enable the instructor to demonstrate the switch positions of the radio while the students are at their workstations with the actual radio.


**Figure 6-1. DVC-T 11-061 SINCGARS mockup**

## Chapter 7
## Armor-17 Series

### 7-1. Armor devices
The devices in chapter 7 are generally used by the Armor Branch.

**7-2. DVC-T 17-102 armor vehicle models**

A set of three-dimensional models of solid hard plastic are 1/35th scale models of American and foreign nation armored vehicles They may be used for classroom or outdoor instruction in the recognition of armored vehicles. The set consists of the following 25 vehicles: M60A1, M113, M113A1, M551, M577, AMX-13, AMX-30, Leopard 1, Leopard 2, Centurion, Chieftain, T-10, T-34, T-54, T-55, T-62, T-62A, T-64, T-72, T-76, PT-76, BMP, BRDM, M1, and M2 Bradley. See figure 7-1.


**Figure 7-1. DVC-T 17-102 armor vehicle models**

**7-3. DVC-T 17-105, DVC-T 17-106, DVC-T 17-107, DVC-T 17-108, DVC-T 17-111, and DVC-T 17-112 replica service rounds**

Rounds are used by instructors to provide Soldiers training in ammunition identification, experience in handling, and chambering of the service rounds in a manner to stress safety and avoid damage to service projectiles. See figures 7-2 through 7-7.

**Figure 7-2. DVC-T 17-105 105mm M920 armor-piercing fin-stabilized discarding sabot (APFSDS)**

**Figure 7-3. DVC-T 17-106 105mm, M921 HEAT**

**Figure 7-4. DVC-T 17-107 120mm, APFSDS**

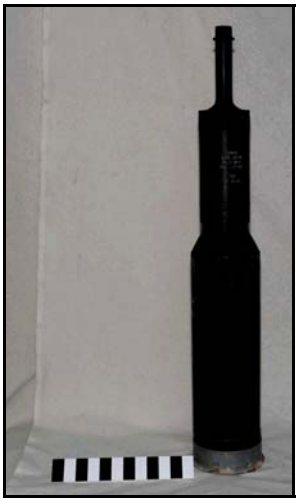

**Figure 7-5. DVC-T 17-108 120mm, HEAT**

**Figure 7-6. DVC-T 17-111 120mm, M830**

**Figure 7-7. DVC-T 17-112 120mm, M829A/A2 SABOT**

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## Chapter 8
## Weapons-23 Series

### 8-1. Weapons devices
The devices in chapter 8 are used by the weapons field in addition to supporting warrior tasks and battle drills.

### 8-2. DVC-T 23-030B rifle brass deflector
A palm size plastic device designed to deflect expended M16 brass downward from the marksman. The device snaps securely into the hole in the top of the carrying handle by means of a bullet catch. It is a low cost, durable, lightweight device which can be rapidly inserted and removed from the weapon. The M16 rifle brass deflector protects the left-handed marksman from being struck by heated expended brass. Specify M16A1 or M16A2 when ordering. See figure 8-1.

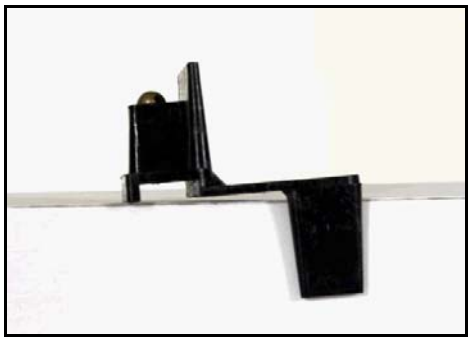

**Figure 8-1. DVC-T 23-030B M16 rifle brass deflector**

### 8-3. DVC–T 23-033 antitank practice mine

A full-scale plastic replica of the M21 antitank mine with plastic fuze and wrench. The device is used for classroom and outdoor instruction on the mine characteristics and nomenclature; the arming, handling, and functioning of the mine; and can also be used for minefield emplacement training. A box of M21 mines consists of: four practice mines AT M21, four practice fuzes, M607, four practice boosters AT MI 20, two arming wrenches M26, and four extension rods. See figure 8-2.

**Figure 8-2. DVC-T 23-033 M21 antitank practice mine**

**Table 8-1**
**M21 antitank practice mine training requirements supported**

| ARTEP Task No | SM Task No. |
|---|---|
| 6-36 | 051-192-1008 |
| 6-37 | 051-192-1018 |
| 6-42 | 051-192-1021 |
| 6-50 | 051-192-1022 |
| 7-4 | 051-192-1023 |
| 7-5 | 051-192-1024 |
| 7-10 | |
| 7-15 | |

**8-4. DVC-T 23-034 M16A1 antipersonnel practice mine**

A full-scale plastic replica of the M16A1 antipersonnel mine with plastic fuze and wrench. This device is used for classroom and outdoor instruction on the mine characteristics and nomenclature; the arming, handling, and functioning of the mine; and can also be used for minefield emplacement training. A box of MlA1 mines consists of: four practice mines AP M16A1, four practice fuze mine comb, M605, one spool assembly, and one fuzing mine wrench M25. See figure 8-3.

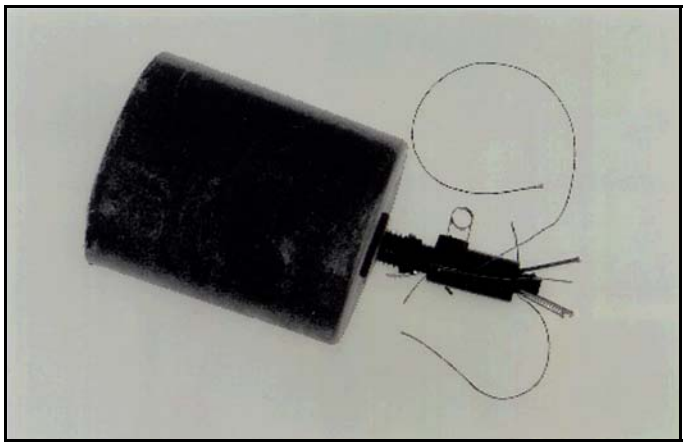

**Figure 8-3. DVC-T 23-034 M16A1 antipersonnel practice mine**

**Table 8-2**
**M16A1 antipersonnel practice mine training requirements supported**

| ARTEP Task No. | Soldier Manual Task No. |
|---|---|
| 6-36 | 051-192-1002 |
| 6-37 | 051-192-1012 |
| 6-42 | 051-192-1021 |
| 6-50 | 051-192-1022 |
| 7-4 | 051-192-1023 |
| 7-5 | 051-192-1024 |
| 7-10 | |
| 7-15 | |

**8-5. DVC-T 23-036 rim fire adaptor brass deflector**

The rim fire brass deflector is used in conjunction with the .22 caliber conversion unit for the M16 rifle. It deflects the expended brass away from the shooter and the coach. It is used mostly by the Army National Guard and Army Reserve units. See figure 8-4.

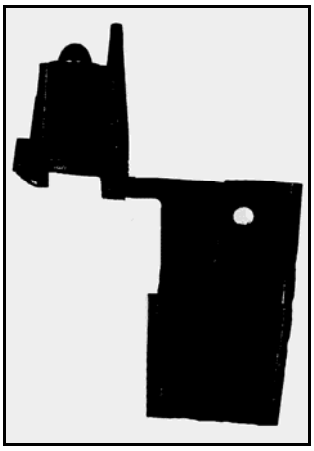

**Figure 8-4. DVC-T 23-036 rim fire adaptor brass deflector**

**8-6. DVC-T 23-038 M14 antipersonnel mine (dummy)**
A full-scale plastic replica of the M14 antipersonnel mine that allows for arming procedures. This device is used for classroom and outdoor instruction on the nomenclature and characteristics of the mine; the arming, handling, and functioning of the mine; and can also be used for minefield emplacement training. See figure 8-5.

**Figure 8-5. DVC-T 23-038 M14 antipersonnel mine (dummy)**

**8-7. DVC-T 23-041 and DVC-T 23-042 replicas of antitank mines**
Full-scale plastic replicas of antitank mines. This device is used for classroom and outdoor instruction on the mine characteristics and nomenclature; the arming, handling, and functioning of the mine, and can also be used for minefield emplacement training. See figures 8-6 and 8-7.

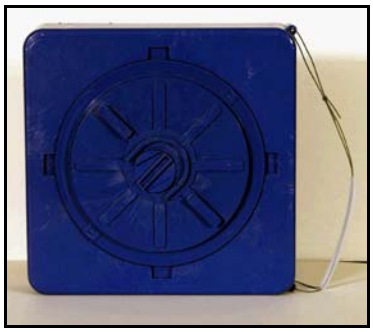

**Figure 8-6. DVC-T 23-041 M19 AT inert mine**

**Figure 8-7. DVC-T 23-042 M15 AT inert mine**

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## Chapter 9
## Opposing Force-30 Series

### 9-1. Opposing force (OPFOR) devices
The devices in chapter 9 is used by the opposing force field.

### 9-2. DVC-T 30-004 suitcase sagger
A full-scale, three-dimensional plastic facsimile of the man portable sagger antitank guided missile with fire control mechanism. The missile is collapsible and carried in the suitcase which serves as a platform for the launch rail. This device is used for classroom and field recognition training to emphasize the lethality, characteristics, and employment of primary foreign nation antitank weapons systems on the modern battlefield. It is also used during tactical training to simulate the employment of anti-armor systems by the opposing force and to enhance intelligence play. See figure 9-1.

**Figure 9-1. DVC-T 30-004 suitcase sagger**

### 9-3. DVC-T 30-005 RPG-7 antitank grenade launcher with round
A full-scale, three-dimensional replica of the RPG-7 antitank grenade launcher. Designed to enhance the realism of opposing force simulation during tactical training and can also be used for classroom or field instruction on foreign nation weapons. It duplicates the size and physical appearance of the actual RPG-7, facilitating instruction on its components and characteristics. A removable model of the 85mm round with collapsible fins is mounted in the launcher assembly.

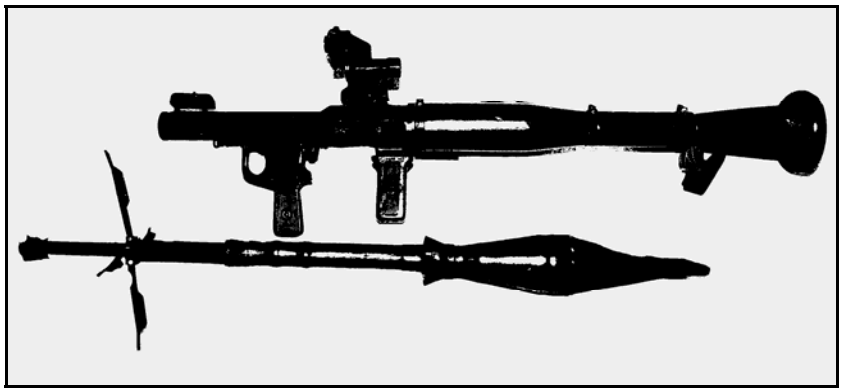

**Figure 9-2. DVC-T 30-005 RPG-7 antitank grenade launcher with round**

**9-4. DVC-T 30-006 through DVC-T 30-011 OPFOR small arms**

Full-scale, three-dimensional static plastic replicas of foreign nation small arms. These devices can be used for classroom or field recognition instruction, or can be carried during tactical exercises to add realism to the portrayal of opposing force troops. See figures 9-3 through 9-8.

**Figure 9-3. DVC-T 30-006 OPFOR small arms AK-47 assault rifle**

**Figure 9-4. DVC-T 30-007 OPFOR small arms PRK squad machine gun**

**Figure 9-5. DVC-T 30-008 OPFOR small arms PM-50 pistol (with holster)**

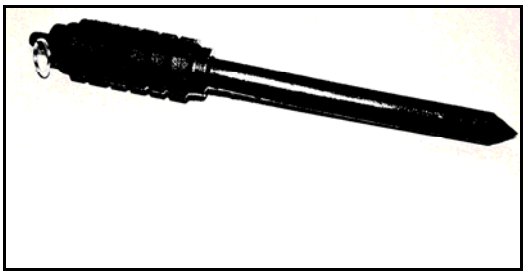

**Figure 9-6. DVC-T 30-009 OPFOR grenades/mines, POMZ-2, AP grenade**

**Figure 9-7. DVC-T 30-010 OPFOR grenades/mines, RG-42, AP grenade**

**Figure 9-8. DVC-T 30-011 OPFOR grenades/mines, RGD-5, AP grendade**

**9-5. DVC-T 30-012 opposing force grenades/mines, RKG-3, antitank grenade**
Full-scale, three-dimensional plastic facsimiles of foreign nation antipersonnel and AT grenades and mines. These devices can be used for classroom or field recognition instruction or carried during tactical exercises to add realism to the portrayal of opposing force troops. See figure 9-9.

**Figure 9-9. DVC-T 30-012 OPFOR grenades/mines, RKG-3, antitank grenade**

**9-6. DVC-T 30-014 SA-7 guided antiaircraft missile system (GRAIL)**
A full-scale, three-dimensional plastic and metal replica of the SA-7 guided antiaircraft missile system (GRAIL), consisting of the launcher and removable missile. The GRAIL is used during classroom and field instruction to emphasize the lethality of foreign nation antiaircraft capabilities. It is also used by the opposing forces during tactical exercises to enhance realism and introduce an antiaircraft dimension to field intelligence play. See figure 9-10.

**Figure 9-10. DVC-T 30-014SA-7 (GRAIL)**

**9-7. DVC-T 30-018 snaiperskaia vintovka dragunova (SVD) sniper rifle**
A full-scale, three-dimensional plastic replica of the SVD sniper rifle. This device is used for classroom and field recognition training to emphasize the lethality characteristics employment of foreign nation small arms. See figure 9-11.

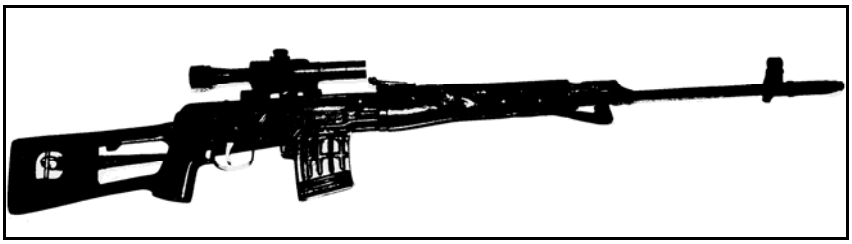

**Figure 9-11. SVD sniper rifle**

**9-8. DVC-T 30-024 Uzi machine gun**
A full-scale, three-dimensional plastic replica of the Uzi machine gun. This device is used for classroom and field recognition training to emphasize the lethality characteristics employment of foreign nation small arms. See figure 9-12.

**Figure 9-12. DVC-T 30-024 Uzi machine gun**

**9-9. DVC–T 09-025 pistol with silencer**
A full-scale, three-dimensional static plastic replica of a foreign nation's small arms. This device can be used for classroom or field recognition instruction, or can be carried during tactical exercises to add realism to the portrayal of opposing force troops. See figure 9-13.

**Figure 9-13. DVC-T 30-025 pistol with silencer**

**9-10. DVC-T 30-026 MAC-II with silencer**
A full-scale, three-dimensional static plastic replica. This device can be used for classroom or field recognition instruction, or can be carried during tactical exercises to add realism to the portrayal of opposing force troops. See figure 9-14.

**Figure 9-14. DVC-T 30-026 MAC-II with silencer**

**9-11. DVC-T 30-029 briefcase bomb**

A briefcase that has inert pipe bombs with nails and nuts for shrapnel. The case has a dummy cell phone for a trigger and an alarm that will alert the students when the case is opened. The device can be used in the classroom or outside to teach students about how IED's might be placed into target areas. See figure 9-15.

**Figure 9-15. DVC-T 30-029 briefcase bomb**

**9-12. DVC-T 30-030 OPFOR vest with pipe bombs**

**A** full-scale replica of a vest with inert pipe bombs, nails and nuts for shrapnel, and an alarm. This device will alert the students when the trigger device is pressed. The device can be used in the classroom or outside to teach students how suicide bombers might place them into a targeted area. See figure 9-16.

**Figure 9-16. DVC-T 30-031A OPFOR dress with pipe bombs (Southwest Asia)**

**9-13. DVC-T 30-031B, DVC-T 30-032, DVC-T 30-033, DVC-T 30-034A, and DVC-T 30-034B OPFOR men's complete outfit**

The off white long sleeve shirts and drawstring pants are constructed from polyester cotton and available in sizes medium and large. The black and white scarf is of cotton and the headband of a nylon rope materiel. Soldiers use Southwest Asia clothing to add realism during force on force exercises and should be used in all ARTEPS that use an opposing force. See figure 9-17.

**Figure 9-17. DVC-T 30-031B men's disha dasha (off-white, long sleeve tunic), DVC-T 30-032 OPFOR Southwest Asia dress men's egal (headband), DVC-T 30-033 OPFOR Southwest Asia dress men's shimagh (headscarf), DVC-T 30-034A OPFOR Southwest Asia dress men's pants**

**Table 9-1**
**Men's Southwest Asia clothing description**

| Device | Description | Color | Size |
|---|---|---|---|
| DVC-T 30-031B | Tunic (Disha-Dasha) | white | Large |
| DVC-T 30-032 | Headband (Egal) | black | N/A |
| DVC-T 30-033 | Headscarf (Shimagh) | various | N/A |
| DVC-T 30-034A | pants | white | Medium |
| DVC-T 30-034B | pants | white | Large |

## Appendix A
## References

### Section I
### Required Publications
ARs, DA pamphlets, and DA forms are available at http://www.usapa.army.mil/. TRADOC publications and forms are available at http://www.tradoc.army.mil/publications.htm.

This section contains no entries.

### Section II
### Related Publications
A related publication is a source of additional information. The user does not have to read a related reference to understand this publication.

AR 5-9
Intraservice Support Installation Area Coordination

AR 350-38
Training Device Policies and Management

DA Pam 350-9
Index and Description of Army Training Devices

### Section III
### Prescribed Forms

This section contains no entries.

### Section IV
### Referenced Forms

This section contains no entries.

## Glossary

### Section I
### Abbreviations

| | |
|---|---|
| AP | anti-personnel |
| APFSDS | armor-piercing fin-stabilized discarding sabot |
| ARTEP | Army training and evaluation program |
| AT | antitank |
| ATSC | Army Training Support Center |
| AMC | U.S. Army Materiel Command |
| CLU | command and launch unit |
| DA | Department of the Army |
| DES | demolition effects simulator |
| DVC | device |
| EOD | explosive ordnance disposal |
| FHT | field handling trainer |
| GRAIL | guided antiaircraft missile system |
| GRREG | graves registration |
| HE | high explosive |
| HEAT | high explosive antitank |
| IED | improvised explosive device |
| MACS | multi-purpose arcade combat simulator |
| MSR | missile simulator round |
| OPFOR | opposing forces |
| PRC | Peoples Republic of China |
| PROJ | projectile |
| PTM | placed training mine |
| SINCGARS | Single Channel Ground and Airborne Radio System |
| SVD | snaiperskaia vintovka dragunova |
| TRADOC | United States Army Training and Doctrine Command |
| TSC | training support centers |
| TS-MATS | Training Support-Materiel Armywide Tracking System (TS-MATS) |
| USSR | Union of Soviet Socialist Republic |
| UXO | unexploded ordnance |

### Section II
### Terms

This section contains no entries.

### Section III
### Special Abbreviations and Terms

This section contains no entries.