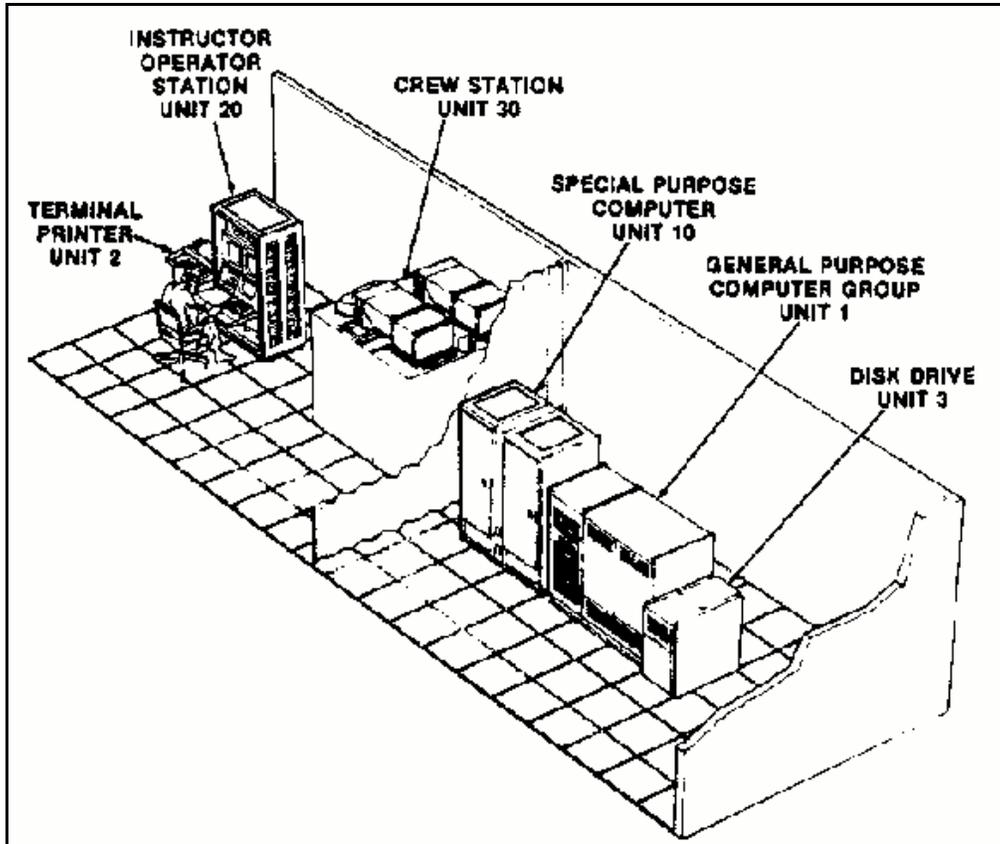


DVC 07-175  
NSN 6920-01-158-0539 (60Hz)  
NSN 6920-01-158-2641 (50Hz)  
**BRADLEY FIGHTING VEHICLE UNIT CONDUCT OF FIRE  
TRAINER  
(M2/M3 U-COFT)**

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**Functional Description:**

DVC 17-282 (formerly DVC 17-73) is a computer-controlled simulator. Two computers, one a general purpose (GPC) and the other, a special purpose (SPC), make up the trainer's visual simulation system. The output of the visual subsystem is a high resolution full color video/imagery that is viewed through sights and periscopes located in a replicated M2/M3 crew station. The color video provides simulation of tactical battle scenes consisting of a variety of terrain and man-made cultural features and a number of potential target types. An instructor operator station is located next to the crew station. Training is controlled and monitored from this console in consonance with computer-aided instruction techniques. Simulated adverse weather conditions, degraded fire control systems, and a combination of other factors normally encountered by an M2/M3 crew are integrated into the training program

**Purpose of Trainer:**

Provides realistic training for the development of basic and advanced gunnery skills for the M2/M3 track commander and gunner.

**DVC 17-282 Changed to 07-175 28 JUL 2010 (zz)**

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**Physical Information:**

Special Purpose Computer (SPC): 61" x 30" x 75"; 3500 lb  
Instructor Operator Station. (IOS): 41" x 51" x 72"; 1041 lb  
MI Crew Station: 65" x 90" x 83"; 2700 lb  
General Purpose Computer (GPC): 47" x 30" x 64"; 1200 lb  
GPC EXP Cabinet: 26" x 30" x 64"; 600 lb  
Disk Unit: 21" x 36" x 42"; 370 lb  
Printer: 28" x 34" x 33"; 150 lb

**Equipment Required, Not Supplied:**

None

**Special Installation Requirements:**

The trainer must be installed in an enclosed, a conditioned building having an available vacant floor space of approximately 11 by 36 feet. Lighting and air conditioning control are pre-established building requirements.

**Power Requirements:**

SPC: 120/208vac, 50A, 3-phase, 11kva  
IOS: 120/208vac, 20A, 3-phase, 4kva  
GPC: 120/208vac, 30A, 3-phase, 4kva  
GPCEXP: 120vac, 30A, 1-phase, N/A  
Disk Unit: 120vac, 11A, 1-phase, .77kva  
Printer: 120vac, 5A, 1-phase, .34kva  
Miscellaneous: .03kva

**Training Category/Level Utilized:**

Armor/Level 1

**Training Requirements Supported:**

MOSC 19K

**Applicable Publications:**

TM 9-6920-741-10  
TM 9-6920-741-23  
TM 9-6920-741-23-100  
TM 9-6920-741-40  
TM 9-6920-741-40-100  
HB 17-12-M1

**Reference Publications:**

Information not available

**Source and Method of Obtaining:**

Not generally available for issue

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**Logistic Responsible Command, Service, or Agency:**

PEO STRI