



UNITED STATES MARINE CORPS

MARINE CORPS BASE

QUANTICO, VIRGINIA 22134-5001

MCBO 1551.1  
C 03/plp  
12 Jul 1988

MARINE CORPS BASE ORDER 1551.1

From: Commanding General  
To: Distribution List

Subj: Operation of Training Device Number 17E20 Training Set,  
Fire Observation Trainer

Ref: (a) MCO P5290.1  
(b) MCCDCO P5290.2

1. Purpose. To establish guidelines concerning the operation and scheduling of the Training Set, Fire Observation (TSFO) Trainer.

2. Background. The TSFO trainer is a digital computer based trainer which realistically simulates the visual and audio effects of artillery fire on terrain views projected on a classroom screen as would normally be seen and heard at an observation post. A variety of targets can also be simulated including machine guns, wheeled and tracked vehicles, and helicopters. The basic purpose of the TSFO is to give forward observers (FO's) at the observation posts pre-range training and continuation training in the observation and adjustment of artillery fire. Re-play facilities are included, so that fire missions can be reviewed. The TSFO may also be used for basic and advanced map reading exercises, position location and basic terrain recognition, and tactical exercise pre-planning.

3. Information

a. The Marine Corps Combat Development Command (MCCDC) TSFO is configured to accommodate 50 students.

b. The TSFO is installed in building 24011 at Camp Barrett.

c. Reference (a) designates the Head, Training and Audiovisual Support Center (TAVSC) as the Local Control Manager (LCM) for training devices. Additionally, references (a) and (b) provide guidance concerning the management and maintenance of such devices.

d. The TSFO is operated and maintained by Contractor Operated and Maintenance Support (COMS).

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e. The Head, TAVSC is assigned as the Contracting Officer's Technical Representative (COTR) for the TSFO contract.

f. All operational guidance for the TSFO must be contractually adhered to.

g. Normal operating hours for the TSFO are 0730 - 1600, Monday through Friday.

h. The contract requires that the COTR provide the contractor a monthly TSFO training plan on or before the 25th of each month preceding the month for which the plan applies.

i. There are provisions for the make-up of lost training and additional training which must be coordinated through the COTR. In any case, the contractor has to be notified at least 24 hours in advance by the COTR when additional training is desired.

j. An adjustment in normal operating hours in order to accomplish training also requires 24 hour advance contractor notification by the COTR.

#### 4. Action

a. Organizational commanders wanting to establish a schedule for TSFO training will provide a training plan in writing to the Director, Operations Division by the 15th of each month preceding the month for which training is requested. Make-up of lost training, requests for training for other than normal working hours, requests for additional training, and emergency training requests may be arranged telephonically at least 24 hours in advance of the training requirement by calling the Director, Operations Division, telephone 640-3422. Telephone requests will not be accepted in lieu of a monthly training plan.

b. Direct liaison with the contractor for scheduling of training is not authorized.

#### c. Director, Operations Division

##### (1) Training Officer

(a) Provide in writing to the Head, TAVSC (COTR) the established training schedule for the TSFO by the 20th of each month preceding the month for which training is requested.

(b) Notify the Head, TAVSC (COTR) at least 24 hours in advance of scheduling for make-up of lost training, requests for additional training, for training other than normal working hours, and emergency training requests.

(2) Head, TAVSC (COTR)

- (a) Provide a monthly TSFO training plan to the contractor.
- (b) Be prepared to schedule the TSFO on 24 hour notice for the terms of make-up of lost training, requests for additional training, for training other than normal working hours, and emergency training requests.
- (c) Maintain required TSFO utilization records.



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DISTRIBUTION: A