APPENDIX 19 (ENGINEER) TO ANNEX G (COMMITTEE TRAINING) TO CST OPORD 03-01

References:

a. Map, Series, V8215, West Point and Vicinity, 1:50,000
b. OPORD: CST 04-01

Time Zone Used Throughout the Order: Local

Task Organization: TF ENGINEER
Engr Co(LT)

1. SITUATION.

a. Enemy. See Base Order.

b. Friendly. See Base Order.

c. Attachments and detachments. N/A

2. MISSION. TF ENGINEER safely executes eight daily rotations of Engineer training at TA-T, TA-W, and Range 12 for the CFT Regiment from 21 Jun 04 thru 8 Jul 04 in order to familiarize cadets with light engineer operations and the EN contribution to the close combined arms fight.

3. EXECUTION.

a. Intent.

Purpose. The purpose of this committee is to inspire cadets about the role of Engineers on the battlefield. Emphasize the breadth of Engineer missions and capabilities. Emphasize leader skills for the 1st and 2nd class cadets and hands-on performance oriented training for approximately 1000 3rd class cadets.

Key Tasks. Key tasks for this operation include thorough site reconnaissance, rehearsals, and training aid procurement and development. We will achieve our endstate only through detailed preparation and quality rehearsals. TF ENGINEER will train 3rd class cadets on basic individual engineer skills.

Endstate. At the end of this training, all cadets are aware of the diversity, capabilities, and professionalism of the branch. Assist in the development of tactically stronger cadets with a greater appreciation for the engineer in combined arms operations. All soldiers and equipment healthy and sound. Additionally, 3rd class cadets will have demonstrated basic proficiency at select individual, squad, and platoon engineer skills and tasks; preparing them to serve as small unit leaders.

b. Concept of Operation. This is a three phase operation. See base order. Phase I is Preparation; Phase II is Execution(29 May - 10 Aug 03); Phase IIa is Equipment Draw and Site Set-up; Phase IIb is Leader Training Program; Phase IIc is Execution; Phase III is Recovery.

Phase I. Preparation(1 Dec 03 - 26 May 04): See base order.

Phase II, Execution (27 May - 8 Aug 04): This phase commences with the arrival of the Augmenting TF to Camp Natural Bridge, and concludes with the last day of committee training. This phase is further broken down into the three following sub-phases:

Phase IIa. Equipment draw and Site Preparation. This phase begins with the drawing of necessary supplies and concludes with the validation of each training site by the TF/USMA Command Group. The purpose of this sub phase is to provide the committee with the resources, and the set-up time to ensure that it is adequately prepared to train cadets. TF ENGINEER will draw its training equipment, vehicles and other resources from USMA Cadet Supply. Once the supplies are drawn, TF ENGINEER will establish its training site and conduct training rehearsals. Once the site is set-up and the committee is prepared to start training cadets it will get validated by the USMA/TF chain of command. The endstate of Phase IIa is that TF ENGINEER has been validated on all training and is prepared to train cadets.

Phase IIb. Leader Training Program. This phase begins upon completion of the USMA/TF chain of command validation process, and concludes when all upper class cadets have executed the boat movement event as part of the Team Building Event. The objective of this phase is to safely execute 36 (10, 19 Jun 04; 3, 11 Jul 04) iterations of the boat movement event.

Phase IIc. Execution. This phase begins on 21 Jun 04 and ends on 8 Jul 04. The objective of this phase is to safely execute 8 days of company training(21, 22, 23, 25, 26 Jun 04; 6, 7, 8 Jul 04). The endstate of this phase is cadets receive well prepared and inspirational training commensurate with their respective level of development.

Phase III. Recovery. This phase begins on 9 Jul 04 and concludes once the training site has been cleared, and all equipment is properly cleaned, recovered, and turn back in to Cadet Supply. The objective of this phase is to return back to USMA a training site that is better than it was prior to the summer. The endstate is that Range Control has formally cleared the committee from its site; Committee-level AAR is complete and briefed to the CST S-3; broken infrastructure (ie., targetry, range buildings, etc..) has been identified for repair and/or maintenance.

c. Scheme of Maneuver: See TAB A (Scheme of Maneuver) to Appendix 9 (Engineer).

d. Tasks to subordinate units.

(1) Engr Co (LT).

(a) Prepare and execute the mobility site portion of the engineer committee.

(b) Prepare and execute the demolitions range portion of the engineer committee.

(c) Prepare and execute the counter-mobility/survivability site portion of the engineer committee.

(d) Provide overall command and control functions for the engineer training site and range/training area operations.

(e) Emplace display obstacles along TA-W access road. Simulated minefield complete w/ lane marking, and 11 row.

(f) Hang SAPPER tab at the entrance to TA-W.

(g) Prepare and execute the opening demonstration.

(h) Prepare and execute the boat movement event as part of the Leader Training Program.

(i) Install the Aluminum Foot Bridge from TA W to TA-T.

d. Coordinating Instructions.

(1) Site Diagram: See TAB B (Site Diagram) to Appendix 9 (Engineer).

(2) Training Timeline: See TAB C (Training Timeline) to Appendix 9 (Engineer).

(3) Uniform. The uniform for training is: BDU, Kevlar, LBE, and Flak Vest(range 12 only). Bring patrol cap(set up according to Sapper Leader Course standards).

(4) Augmentation cadre will review and validate prepared Risk Management Checklists.

(5) Ensure personnel are certified by USMA Range Control to conduct demolitions training and operate Demolition Range.

(6) Platoon and squad leaders must be thoroughly familiar with the troop leading procedures and platoon level operations orders.

(7) Support all training related requirements as prescribed by the USMA Committee OIC.

(8) Receive, temporarily store, issue, and turn in all ammunition and explosives used at the training sites.

(9) Provide a guard force for the engineer training areas during off-duty periods.

(10) Provide organizational maintenance support for the company's organic equipment.

(11) Develop site specific continuity books.

(12) Prepare and submit site AAR.

4. SERVICE AND SUPPORT.

a. Personnel Required. In order to effectively conduct training a complete light engineer company is required. Unit should deploy with all assigned personnel. Each training site requires a Platoon Leader and Platoon Sergeant. In addition, primary instructors for all classes should be E-4/SPC or above. This is up to the discretion of the Commander. There is time and space for unit maintenance operations during committee training.

b. Equipment / Training Aids Required.

(1) Equipment requirements: Unit should deploy with all MTOE equipment.

(2) Specified training aids / equipment:

Mine Awareness Training Mine Package - 2 each
Training Mines
MOPMS INERT Training Device w/ RCU
Picket Pounders - manual
MDI Inert Training Aids
Clay (for Demo training)
Volcano (for display)
Mine Detectors
Mine Probes
SEE - 2 each
Grappling Hook (manual and launched)
MICLIC (for display)
APOBS (for display)
Deuce (if available)
Outboard Motors (as needed)

(3) USMA TMP support to TF ENGINEER - TBD.

(4) Communication Equipment - bring TA-312/TA-43/CE-11, ICOM, and SINCGARs(single channel, nonsecure).

c. Supply.

(1) Class IV. Available at TA-W.

(2) Class V. Class V allocation - TBP. Class V will be stored in a MILVAN on Range 12 and must be guarded.

(3) TF ENGINEER will draw all equipment and supplies from the USMA DOL. List TBP.

5. COMMAND AND SIGNAL.

a. Command. Engineer Committee Chief is CPT Carlson.
DSN 688-4503
Email: Kevin.Carlson@usma.edu

b. Signal. Communication between sites will be via land line, ICOM, and SINCGARs.

ACKNOWLEDGE

STANLEY
COL

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CARLSON
ENGINEER COMMITTEE OIC

TABS.
A. Scheme of Maneuver
B. Site Diagram
C. Training Timeline