

INITIAL ENTRY TRAINING MILES POCKET REFERENCE CARD

INSPECT AND MOUNT THE SMALL ARMS TRANSMITTER

1. Examine TRANSMITTER LENS. Ensure it is clean and not cracked.
2. Examine MICROPHONE. It must be clear of dirt and other debris. Ensure MICROPHONE BLACK PROTECTIVE PAD is present.
3. Open BATTERY COMPARTMENT COVER, ensure battery is inserted with battery contacts facing into the compartment. Close BATTERY COMPARTMENT COVER and tighten THUMBSCREW.
4. While watching the FIRING INDICATOR LIGHT, turn YELLOW WEAPONS KEY to the ON position. Ensure the FIRING INDICATOR LIGHT flashes 1 to 4 times. (If light does not flash or flashes continuously, replace the battery.) Turn the YELLOW WEAPONS KEY to the OFF position.
5. Hold the transmitter upside down with your left hand with both clamps fully open and the FRONT SIGHT GUIDES pointing toward you. Hold rifle upside down with the MAGAZINE WELL positioned under your right armpit. Position your right hand near the FRONT SIGHT POST so that you can steady the rifle and hold the transmitter in place during mounting. Slide TRANSMITTER FRONT SIGHT POST GUIDES over the RIFLE FRONT SIGHT POST. Use thumb to close DIAMOND SHAPED CLAMP over the barrel.
6. If using the M16A1 rifle, slide SPACER directly over the barrel. Close the SPRING CLAMP and lock in place by pressing on center of clamp. If using M16A2 rifle, SPACER must be positioned OFF the barrel, next to and parallel with the DIAMOND CLAMP HINGE. Close SPRING CLAMP and lock in place by pressing on the center of the clamp.
7. Position BLANK FIRE ADAPTOR so that a flat side is facing the TRANSMITTER LENS and the smaller OPEN SIDE faces the TRANSMITTER MICROPHONE.

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INSPECTION AND MOUNTING OF HELMET HARNESS

1. Pick up HELMET HARNESS. Ensure that there are five black plastic DETECTOR CAPS present on the harness. Unfasten the velcro TAPE FASTENER FLAP. Hold the HELMET HARNESS by the ELECTRONICS BOX in your left hand.
2. Pick up helmet and place the HELMET HARNESS ELECTRONICS BOX at the rear of the helmet and hold in place with your right hand. Use left hand to pull the INDUCTIVE LOOP over the helmet rim all the way around.
3. Fasten the velcro TAPE FASTENER FLAP tightly so that the harness is snug to the helmet.
4. Pull the LEFT CHIN STRAP between the INDUCTIVE LOOP and the helmet rim. This ensures that the HELMET HARNESS cannot be lost as long as the chin strap is fastened.

INSPECTION AND MOUNTING THE TORSO HARNESS

1. Pick up the TORSO HARNESS. Ensure there are eight black plastic DETECTOR CAPS present. Check the HORN ALARM and KEY RECEPTACLE to ensure they are clean and free of dirt.
2. Pull the TORSO HARNESS over your head and position the HORN ALARM underneath your left ear and place ELECTRONICS BOX over the thick webbing pad of your LOAD CARRYING EQUIPMENT SUSPENDERS. Secure the TORSO HARNESS FRONT STRAPS to your pistol belt either by clipping to the pistol belt or by passing underneath the pistol belt and clipping to the TORSO HARNESS ADJUSTING CLIPS. The front straps must be tight enough to prevent the ELECTRONICS BOX from slipping down on your back.
3. Have your partner fasten the TORSO HARNESS BACK STRAPS to your pistol belt, either by clipping to the pistol belt or by passing underneath the pistol belt and clipping to the TORSO HARNESS ADJUSTING CLIPS.

NOTE: If soldiers install their own batteries, inspect the battery boxes for cracked or missing white plastic BATTERY CONTACT POINT GUIDE, torn or missing RUBBER WATERPROOF SEAL, and ensure that the THUMBSCREW has a LOCK WASHER. Install batteries flat end first after matching the large battery contact to the large receptacle of the BATTERY CONTACT POINT GUIDE. Soldiers need their YELLOW WEAPONS KEY to turn off the HORN ALARM when the battery is installed.

#### ALIGNMENT WITH THE SMALL ARMS ALIGNMENT FIXTURE

1. Press down on the two red PRESSURE RELEASE VALVES, open the SAAF and lock the SUPPORT BRACES in the open position.
2. Place three BA-200 batteries face down into the BATTERY COMPARTMENTS. Ensure the BATTERY COMPARTMENT LOCKING CLIPS are in the LOCKED (horizontal) position.
3. Press BATTERY CHECK, verify the VOLTMETER needle is in the green band. Set M16/M60 SWITCH to the M16 position.  
NOTE: If using the SAAF P/N 9353020, distinguished by lack of M16/M60 SWITCH, set WEAPON SIGHT SELECTION SWITCHES, both ELEVATION and AZIMUTH, to 2. If using M16A2 weapons, set ELEVATION SWITCH to 3 and AZIMUTH SWITCH to 1.
4. Turn POWER ON. Verify the number 18 appears in all four DIGITAL DISPLAY WINDOWS. Extend the 25 METER LINE to measure firing point distance. Place sandbag or other object to serve as firing point marker and as prone firing position support. Also mark a COARSE ALIGNMENT FIRING POSITION 5 meters from the SAAF.
5. Use prone supported firing position to fire at CANADIAN BULL. The DIGITAL DISPLAY WINDOWS display the adjustment needed to align the transmitter to the weapon sight. (The SAAF will reset itself each time it is hit by a laser.)
6. After the soldier has made the adjustments to his transmitter, confirm alignment by firing at a soldier placed 100 meters away. A "kill" confirms alignment. (The target soldier will require a GREEN CONTROLLERS KEY to reset himself after each "kill".)
7. Only one shot is required to align the transmitter. Do not continue alignment to achieve a zero adjustment. If the soldier fails twice to get a SAAF adjustment display, use the COARSE ALIGNMENT PROCEDURE.
8. COARSE ALIGNMENT PROCEDURE. Fire from the 5 meter firing position at the CANADIAN BULL. The SAAF adjustment displayed must be multiplied by 5. EXAMPLE: SAAF adjustment display is 4 left, use 20 "clicks" left adjustment on the transmitter. After conducting COARSE ALIGNMENT, the soldier repeats alignment at 25 meter range.

#### CONTROLLER EQUIPMENT OPERABILITY CHECKS

NOTE: A CONTROLLER OPERABILITY CHECK IS REQUIRED BEFORE CONDUCTING ANY TRAINING EXERCISE OR LANE REPETITION.

CAUTION: DO NOT FIRE CONTROLLER GUN DIRECTLY AT THE SOLDIERS FACE WHILE CONDUCTING CONTROLLER CHECK.

1. Using the CONTROLLER GUN, NEAR MISS (trigger only) each detector on the TORSO and HELMET HARNESSSES. Each NEAR MISS on a detector should cause the HORN ALARM to sound once. One detector may be non-functional on the front and on the back of the TORSO HARNESS, and one detector may be non-functional on the HELMET HARNESS.
2. While checking the operability of the harnesses, also:
  - a. Ensure the INDUCTIVE LOOP is beneath the helmet rim.
  - b. Ensure that the left chin strap is routed between the INDUCTIVE LOOP and the helmet rim to prevent loss.
  - c. Check that the TORSO HARNESS ELECTRONICS BOX is located high between the shoulder blades and that the HELMET HARNESS ELECTRONICS BOX is located at the rear of the helmet.
  - d. Check that the TRANSMITTER YELLOW WEAPONS KEY is set to the ON position.

#### USE OF TRAINING METHODOLOGY

1. All participants in training must be told the TASK, CONDITION and STANDARD before training begins.
2. Do NOT critique soldiers during training.
3. If soldier conduct is unsatisfactory, assess casualty by use of the CONTROLLER GUN and conduct an AFTER ACTION REVIEW.

#### AFTER ACTION REVIEW PROCEDURE

1. Reset the soldier's MWLD using the GREEN CONTROLLER KEY.
2. Ask the soldier why he became a casualty.
3. Use leading questions if necessary to make soldier identify his own mistake and the necessary corrective action.
4. Restate appropriate TASK or STANDARD to reinforce the learning point.
5. Resume or restart the training exercise.