

ROBOT OPERATORS TRAINING

MASTER LESSON FILE 6

Information Sheet

Overview: This course will teach personnel the skills necessary to assemble, operate, and troubleshoot the PackBot 510 with FasTac kit as well as function as an operator/spotter team, in order to investigate and assist with standoff visual identification of IEDs.

This course will be continually updated to reflect the evolving threat, friendly TTPs, and unit training requirements. Student feedback, Marine Corps Center for Lessons Learned submissions, and unclassified operational reports will be used to maintain the relevancy of this course.

Concept: This course requires 3 hours of training time (approximately 1 hour lecture). The course Enabling Learning Objectives are:

1. Given a robot and a pre-operation checklist, conduct pre-operational checks and procedures.
2. Given a robot, an operating environment consisting of different types of terrain, man-made and natural obstacles, determine the robot's best avenue of approach to a suspected IED.
3. Given a robot, a scenario, an operating environment consisting of different types of terrain, man-made and natural obstacles, operate a robot in different environments and conditions.
4. Given a robot, a scenario, an operating environment consisting of different types of terrain, man-made and natural obstacles, perform immediate/remedial actions in order to restore a robot to operable condition.
5. Given a robot, a scenario, an operating environment consisting of different types of terrain, man-made and natural obstacles, conduct robotic investigation of suspected IEDs.
6. Given a robot, a scenario, an operating environment consisting of different types of terrain, man-made and natural obstacles, recover a robot to a safe area.
7. Given a robot and a post-operation checklist, conduct post-operational checks and procedures.

Target Audience: Private to Captain, but relevant to all personnel who may be operating a PackBot 510 in an explosive hazards environment. Class size 20 students.

Logistics (Requesting Unit Responsibilities): To ensure the target audience is prepared to safely and successfully complete this block of instruction, the unit requesting training ensures the following are verified/provided:

1. RSO and OIC.
2. Safety Vehicle.
3. Corpsman present at the training site.
4. Adequate communication equipment to maintain command and control within the unit as well as positive communication with range control.
5. PPE.
6. Personal weapons and binoculars as required.
7. Note taking materials.
8. Chow/water as required.
9. Student transportation to and from training areas.
10. Reserved classrooms.
11. Confirm scheduled training with the lead CIED instructor 48 hours prior to training.

Coordinating Instructions

POCs for Scheduling Training:

I MEF:

Mr. Leo Rivera
Comm: 760-763-3634
Cell: 760-859-6888
E-mail: leonard.r.rivera1.ctr@usmc.mil
leonardrivera@a-tsolutions.com

II MEF:

Mr. Chad Roark
Comm: 910-440-7548
Cell: 910-382-7802
E-mail: chad.roark.ctr@usmc.mil
chadroark@a-tsolutions.com

Twentynine Palms:

Mr. Mike Fay
Comm: 760-586-0509
Cell: 760-310-4164
E-mail: mike.fay.ctr@usmc.mil
mikefay@a-tsolutions.com

III MEF and MARFORRES:

Mrs. Nancy Ainsworth
Comm: 910-440-7167
Cell: 910-622-6439
E-mail: nancy.ainsworth.ctr@usmc.mil
nancyainsworth@a-tsolutions.com

Mr. Alvin Thomas
Comm: 910-440-7170
Cell: 910-622-8377
E-mail: alvin.w.thomas.ctr@usmc.mil
alvinthomas@a-tsolutions.com

Mr. Dan O'Brien
Comm: 910-440-7498
Cell: 910-381-8600
E-mail: daniel.c.obrien.ctr@usmc.mil
danielobrien@a-tsolutions.com