EO M290.06 – OPERATE A HAND-HELD RADIO

1. **Performance**: Operate a Hand-Held Radio

2. **Conditions**:

   a. Given:

      (1) Hand-held radio per four cadets;

      (2) Batteries;

      (3) Assigned network frequencies;

      (4) Supervision; and

      (5) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting, day or night, during a field exercise.

3. **Standard**: In accordance with *Talkabout FRS/GMRS Recreational Two-way Radios Models T5000, T5500,T5550 User's Guide,* the cadet shall operate a hand-held radio, to include:

   a. turning the radio on and off;

   b. adjusting frequencies;

   c. using the push-to-talk button; and

   d. changing the batteries.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Identify and briefly describe the parts of the radio, to include: a. on-off/volume knob; b. light emitting diode (LED); c. push-to-talk button (PTT); d. speaker; e. antenna; f. accessory jack; g. menu scroll/channel/frequency selector; h. microphone; i. battery cover; and j. battery cover latches.	Interactive Lecture	5 min	C0-069 (pp. 11–12)
TP2	Demonstrate and have cadets turn the radio on and off.	Demonstration and Performance	5 min	C0-069 (p. 15)
TP3	Demonstrate adjusting frequencies.	Demonstration	5 min	C0-069 (p. 16)

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TP	Description	Method	Time	Refs
TP4	Demonstrate and allow cadets to practice operating the push-to-talk button, to include: a. depressing the button; b. observing a standard pause; c. speaking loudly, clearly, and briefly; and d. releasing the button.	Demonstration and Performance	5 min	C0-069 (pp. 17–18)
TP5	Demonstrate and allow cadets to practice changing batteries, to include: a. removing the battery compartment cover; b. replacing/installing batteries; c. replacing the battery compartment cover; and d. safely discarding spent batteries.	Demonstration and Performance	5 min	C0-069 (pp. 13–14) See Remarks Para 11b.

5. **Time**:

a.	Introduction / Conclusion:	5 min
b.	Interactive Lecture:	5 min
c.	Demonstration:	5 min
d.	Demonstration and Performance:	15 min
e.	Total:	30 min

6. **Substantiation**:

   a. An interactive lecture was chosen for TP1 to introduce a new subject and give direction on new procedures.

   b. Demonstration and performance was chosen for TP2, TP4, and TP5 as it allows the instructor to explain and demonstrate the skill the cadet is expected to acquire while providing an opportunity for the cadets to practice the skill under supervision.

   c. Demonstration was chosen for TP3 as it allows the instructor to explain and demonstrate the skill the cadet is expected to acquire.

7. **References**: C0-069 Motorola Inc. (2004). *Talkabout FRS/GMRS Recreational Two-way Radios Models T5000, T5500,T5550 User's Guide.* Motorola Inc.

8. **Training Aids**:

   a. Hand-held radio; and

   b. Batteries.

9. **Learning Aids**:

   a. One hand-held radio per four cadets; and

   b. Batteries.

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10. **Test Details**: N/A.

11. **Remarks**:

    a. Hand-held radio models may vary from region to region. The instructor will be responsible for consulting the owner's manual for detailed instructions on radio operation.

    b. Dispose/recycle the batteries in accordance with local regulations.

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