EO M322.06 – IDENTIFY LOCATION USING A GLOBAL POSITIONING SYSTEM (GPS) RECEIVER

1. **Performance.** Identify Location Using a Global Positioning System (GPS) Receiver.

2. **Conditions**

   a. Given:

      (1) GPS receiver,

      (2) Topographical map of the area,

      (3) Compass,

      (4) Supervision, and

      (5) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting, during daylight hours.

3. **Standard.** While navigating a leg of a predetermined route, the cadet shall identify location using a GPS receiver by:

   a. confirming that the correct map datum is set on the GPS receiver;

   b. locating the geographical position page;

   c. reading the grid reference (GR); and

   d. plotting the GR on the topographical map.

4. **Teaching Points.** Divide the cadets into groups of no more than six. Have the cadets navigate along a predetermined route using a topographical map. While the cadet is navigating, direct the cadet to:

   a. confirm that the correct map datum is set on the GPS receiver;

   b. locate the geographical position page on the GPS receiver;

   c. read the current GR; and

   d. plot the 6-figure GR on the topographical map of the area.

5. **Time**

a.	Introduction/Conclusion:	10 min
b.	Practical Activity:	110 min
c.	Total:	120 min

6. **Substantiation.** A practical activity was chosen for this lesson as it is an interactive way to allow the cadets to identify location using a GPS receiver.

7. **References**

   a. A2-036 A-CR-CCP-121/PT-001 Director Cadets 3. (2003). *Royal Canadian Army Cadet Reference Book*. Ottawa, ON: Department of National Defence.

   b. C2-143 (ISBN 1-58923-145-7) Featherstone, S. (2004). *Outdoor Guide to Using Your GPS*. Chanhassen, MN: Creative Publishing International, Inc.

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8. **Training Aids**

    a. GPS receiver,

    b. Topographical map of the area, and

    c. Compass.

9. **Learning Aids**

    a. GPS receiver,

    b. Topographical map of the area,

    c. Compass,

    d. Pen/pencil,

    e. First aid kit, and

    f. Communication equipment.

10. **Test Details.** This EO is assessed IAW Chapter 3, Annex B, Appendix 6 (322 PC).

11. **Remarks**

    a. This EO should be conducted during the allocated Bivouac FTX.

    b. The route will consist of Class 1 or 2 terrain and will not exceed 4 km (2.5 miles).

    c. 322 PC (Chapter 3, Annex B, Appendix 6) shall be conducted during the time allocated for this EO.

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