322 PC – ASSESSMENT INSTRUCTIONS

PREPARATION

PRE-ASSESSMENT INSTRUCTIONS

Review the assessment plan, assessment instructions and Assessment Checklist and become familiar with the material prior to conducting the assessment.

Prepare a navigational route of six legs IAW Pre-Lesson Instructions to instructional guide EO M322.06 (Identify Location Using a Global Positioning [GPS] Receiver, A-CR-CCP-703/PF-001, Chapter 13, Section 6).

Ensure Global Positioning System (GPS) receivers have fully-charged batteries.

Obtain all resources required for the assessment.

PRE-ASSESSMENT ASSIGNMENT

Have the cadet review the assessment activity instructions and the Assessment Checklist to become familiar with the material prior to participating in the assessment.

ASSESSMENT METHOD

Performance assessment was chosen to observe the cadet's ability to perform the required skills and make a judgement on the quality of the performance.

CONDUCT OF ASSESSMENT

PURPOSE

The purpose of this PC is to assess the cadet's ability to plot their position on a topographical map with a grid reference (GR) determined by a GPS receiver.

RESOURCES

- 322 PC Assessment Checklist,
- GPS receiver,
- Topographical map, and
- Pencil.

ASSESSMENT ACTIVITY LAYOUT

N/A.

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ASSESSMENT ACTIVITY INSTRUCTIONS



After observing the performance of each skill, make a judgement and indicate on the Assessment Checklist whether the skill was:

- **Incomplete.** The skill was not attempted or the skill was not completed even with assistance.
- **Completed With Difficulty.** The skill was completed with difficulty and/or required assistance from the assessor.
- **Completed Without Difficulty.** The task was completed without difficulty and/or required minimal assistance from the instructor.
- **Exceeded Standard.** The task was completed with no difficulty and no assistance from the assessor.

Make notes of observations for the purpose of providing post-assessment descriptive feedback.

1. Observe the cadet during the conduct of the practical activity and use the checklist to assess their performance.

2. Configure the GPS. Set the datum to be different than the topographical map being used (WGS-84 or NAD-27 or NAD-83) and set the coordinate system to UTM rather than MGRS.

3. Divide the cadets into groups of no more than six.

4. Assign each cadet in the group one of the six checkpoints.

5. Have each cadet lead the group to their designated checkpoint navigating with a topographical map;

6. At the checkpoint have the cadet identify position using a GPS receiver, to include:

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



The process the cadet should follow to confirm the correct map datum is set on the GPS receiver is as follows:

(1) Identify the map datum of the topographical map being used as the reference.

(2) With the GPS, go to the “set-up” menu, then “navigation”, then “system” or “units”.

(3) Highlight the map datum’s box.

(4) Scroll through the list of datums and find the map datum being used.

(5) Set the correct datum.

   b. locating the geographical position page on the GPS receiver and confirming:

      (1) the grid zone is the same as printed on the topographical map;

      (2) the 100 000 m square identifiers are the same;

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The process the cadet should follow to confirm the grid zone, and the 100 000 m square identifiers are the same:

(1) Read the co-ordinates off of the geographical position page and identify the grid zone designator and the 100 000 m square identifier.

(2) Reference the topographical maps marginal information and locate the grid zone designator box.

(3) Confirm the grid zone designator and 100 000 m matches the GPS displayed coordinates.

c. reading the current 10-figure GR and extracting the 6-figure GR; and



The process the cadet should follow to read the current 10-figure GR from the GPS receiver and extract the 6-figure GR is as follows:

(1) Identify the 10-figure GR.

(2) From the 10-figure GR, identify the easting portion (first five digits) and extract the first three numbers.

(3) From the 10-figure GR, identify the northings (last five digits) and extract the first three digits.

(4) The six digits extracted give the 6-figure GR.

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

7. Have the cadet confirm the plotted 6-figure GR that corresponds with the assigned checkpoint.

POST ASSESSMENT INSTRUCTIONS

RECORDING ASSESSMENT RESULTS

1. Indicate the overall performance assessment on the Assessment Checklist as:

   a. **Incomplete.** If the cadet has not achieved the standard by not completing at least one of the required skills.

   b. **Completed With Difficulty.** If all the skills on the checklist were completed but less than 60 percent (3 or less out of 6) were completed without difficulty/assistance.

   c. **Completed Without Difficulty.** If all the skills on the checklist were completed with 60 percent or more (4 or more out of 6) completed without difficulty/assistance.

   d. **Exceeded Standard.** If all the skills on the checklist were completed without major difficulty/ assistance. This includes skills checked as “completed without difficulty” and “exceeded standard”.

2. Record notes and observations in the assessor’s feedback section of the Assessment Checklist.

3. Sign and date the Assessment Checklist.

4. Ensure a copy of the Assessment Checklist is attached to the cadet’s training file.

5. The overall result will be recorded on the Silver Star Qualification Record located at Annex C.

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PROVIDING ASSESSMENT FEEDBACK

Feedback should be provided to the cadets upon conclusion of the PC assessment to inform them of their progress. This is accomplished through direct/immediate feedback immediately following the practical assessment, group debriefings at the end of the training day and one-on-one interviews as required.

Discuss the performance results of each section of the Assessment Checklist and the overall performance results with the cadet and provide them with a copy of the completed checklist.

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322 PC - ASSESSMENT CHECKLIST

Cadet's Name: _____ Corps: _____

Analytical Performance Assessment:

Plot Position on a Topographical Map With a Grid Reference Calculated by a GPS Receiver	Assessment		
	Incomplete	**Completed With Difficulty**	**Completed Without Difficulty**
The cadet confirmed the correct map datum is set on the GPS receiver.			
The cadet located the geographical position page on the GPS receiver and confirmed the grid zone is the same as printed on the topographical map.			
The cadet located the geographical position page on the GPS receiver and confirmed the 100 000 m square identifiers are the same.			
The cadet read the current 10-figure GR and extracted the 6-figure GR.			
The cadet plotted the 6-figure GR on the topographical map of the area.			
The cadet confirmed the plotted 6-figure GR that corresponds with the assigned checkpoint.			

Assessor's Feedback:

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322 EC 01 - ASSESSMENT							
Overall (check one)	**Incomplete**		**Completed With Difficulty**		**Completed Without Difficulty**	**Exceeded Standard**	
	Overall, the cadet has not attempted to complete the worksheet or did not answer one question correctly .		Overall, the cadet correctly answered one of the two questions . The task was completed with difficulty and/or required assistance from the assessor.		Overall, the cadet correctly answered two of the questions without difficulty and/ or required minimal assistance from the instructor.	Overall, the task was completed with no difficulty and no assistance from the assessor.	

P0 322 - 0VERALL ASSESSMENT							
Check One	**Incomplete**		**Completed With Difficulty**		**Completed Without Difficulty**	**Exceeded Standard**	
Overall Performance	Overall, the cadet has not achieved the standard by not completing at least one of the required skills.		Overall, the cadet achieved the standard by completing all skills but with less than 60 percent (3 or less out of 6) completed without difficulty/assistance.		Overall, the cadet achieved the standard by completing all skills with 60 percent (4 or more out of 6) completed without difficulty/assistance.	Overall, the cadet exceeded the standard by completing all skills with no difficulty and no assistance.	

Assessor's Name	Position:
Assessor's Signature:	Date:

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