

O-0203
NAVIGATE PAST AN OBSTACLE

CONDITIONS

Given a compass. You are moving on foot following an azimuth and pace count. You encounter an obstacle that you must go around, while continuing to keep track of your azimuth and pace count.

OBJECTIVE

The team member "boxes" his steps around the obstacle, returns to the same azimuth, and continues to the destination point.

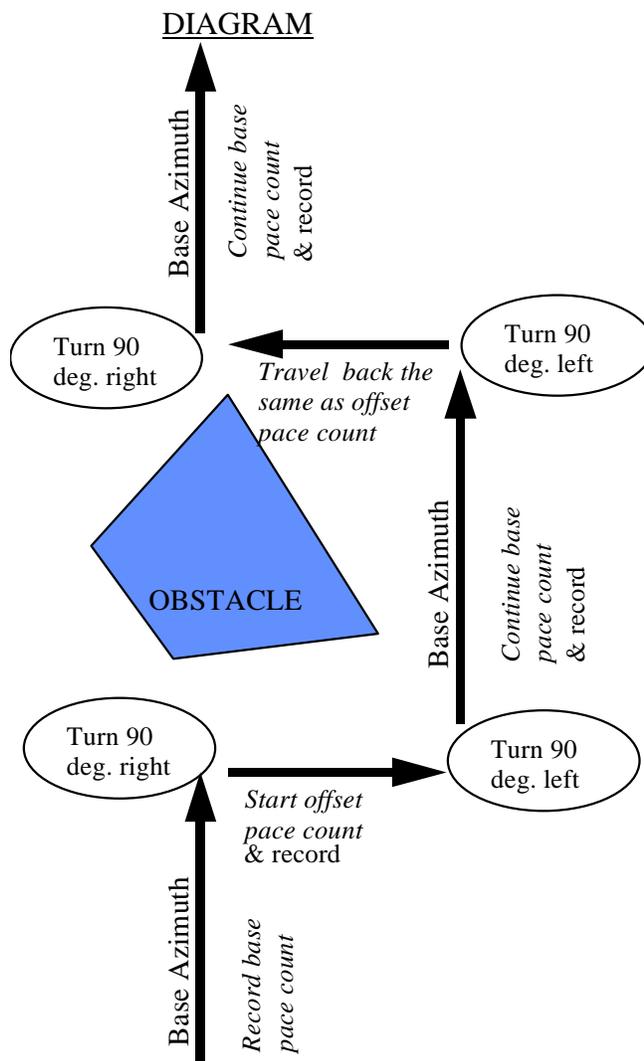
TRAINING AND EVALUATION

Training Outline

1. Spot the obstacle and halt.
2. Record pace count up to this point (hereafter called your traveling pace count)
3. Determine if it is easier to go right or left around the obstacle.
4. If you decide to go right (if you go left, switch all references to left and right):
 - a. Using the compass, turn 90 degrees to the right
 - b. Walk in that direction, starting a new pace count from zero (called the lateral pace count). Continue walking until you have moved far enough right to get around the obstacle.
 - c. Halt and record how far you've walked in this direction.
 - d. Turn left back to your original azimuth (the one you were on when you ran into the obstacle).
 - e. Look up the pace count you were at when you spotted the obstacle and halted (your traveling pace count).
 - f. Start walking along your original azimuth, adding your steps to your traveling pace count.
 - g. When you are clear of the obstacle on your left, halt and record your total traveling pace count.
 - h. Using the compass, turn left 90 degrees. Look up your lateral pace count (the number of steps you moved to the right of the obstacle).
 - i. Walk in this direction, starting a new pace count from zero. When you have walked the same distance as your recorded lateral pace count, halt. You should now be on the direct opposite side of the obstacle from where you started.
 - j. Turn right back to your original azimuth.

5. Look up your total traveling pace count.

6. Start walking along your original azimuth, adding your steps to your total traveling pace count. Continue on to your destination.



Example of Bypassing an Obstacle

Additional Information

More detailed information on this topic is available in Chapter 5 of the Ground Team Member & Leader Reference Text.

Evaluation Preparation

Setup: Set up a start and end point at least 400 meters apart in a wooded area. Clearly mark the destination point with a brightly colored coffee-can or similar marker hanging at eye level. Ensure there is point obstacle (pond, building, etc.) along the route of travel. Provide the ground team member with a compass, piece of paper, pencil, and the azimuth and distance to the destination. Ensure there is a point obstacle (pond, building, etc.) along the route of travel.

Brief Team Leader: Tell the team leader to move to the destination point. Warn him that there will be an obstacle along the way that must be navigated around.

Evaluation

<u>Performance Measures</u>	<u>Results</u>	
1. Identifies the obstacle and halts and records pace count.	P	F
2. Turns 90 degrees right (left) and moves clear of the obstacle and records pace count.	P	F
3. Turns 90 degrees to the left (right) to the original azimuth and continues the original pace count until the obstacle is cleared while recording the pace count.	P	F
4. Turns 90 degrees to left (right) and moves the same distance moved in step 2.	P	F
5. Turns 90 degrees and continues from the original pace count. (sum of 1 + 3)	P	F
6. Locates the destination point.	P	F

Student must receive a pass on all performance measures to qualify in this task. If the individual fails any measure, show what was done wrong and how to do it correctly.