

SAR TECH II Practical Exam Tips

Tracking

- Equipment needed – tracking pole; tape measure; tracking form; pencil
- Never touch the track
- Tie the handle strap of your tracking pole with a rubber band so they do not interfere
- Set your tracking pole up with two measurements length of track and length of stride (may use rubber bands, o rings or pole devices; setup heel to toe of track at the handle end of you pole then stride)
- Be verbal at all times explain what you are doing so the evaluator can hear
- If the first track is not the one you want to draw state that
- Mark all tracks either left or right
- Circle the track you are going to draw be sure to mark it left or right also
- Blank sheet of paper and make sure to record all the information (Sole Type; Stride length; Full length of track; Heal Length; Ball Width; Heal Width; Instep Width)
- Pivot the pole from heal mark not end of pole

Land Navigation

Orienting the Map to True, Grid, or Magnetic North

- Place compass with orienting line over the specified North Arrow
- Turn the compass and map until the arrow point north

Orienting Your Position with the Map

- Hold the map with North being up
- Use your compass to find north; face north
- Look for features on the map to find your approximate location
- Map to compass subtract declination
- Compass to map add declination

Map Azimuths

- Draw line between points on the map
- Point base arrow in the direction you want to go
- Use yard stick to pivot on point
- Move the yard stick until the red lines on dial line up with red line on map
- Read degree by placement pin
- Back azimuths add 180 if less than 180: subtract 180 if greater than 180

Paces to Meters

- Measure out 100 meters in three places – flat, uphill/downhill, side hill terrain
- Count you paces for each of the above (remember a pace is the distance of 2 steps)
- Use conversion – **100 meters/paces = your flat# for each of the above**
- As you navigate the course count your paces to each point
- Use conversion – **your paces X your flat# (for whichever type of terrain) = meters walked to point**