



Please contact the Learning Center Coordinator and let us know you are interested in the Scout Ranger Program at Flight 93 National Memorial. We will answer questions and provide further information to help you work toward the patch or certificate.

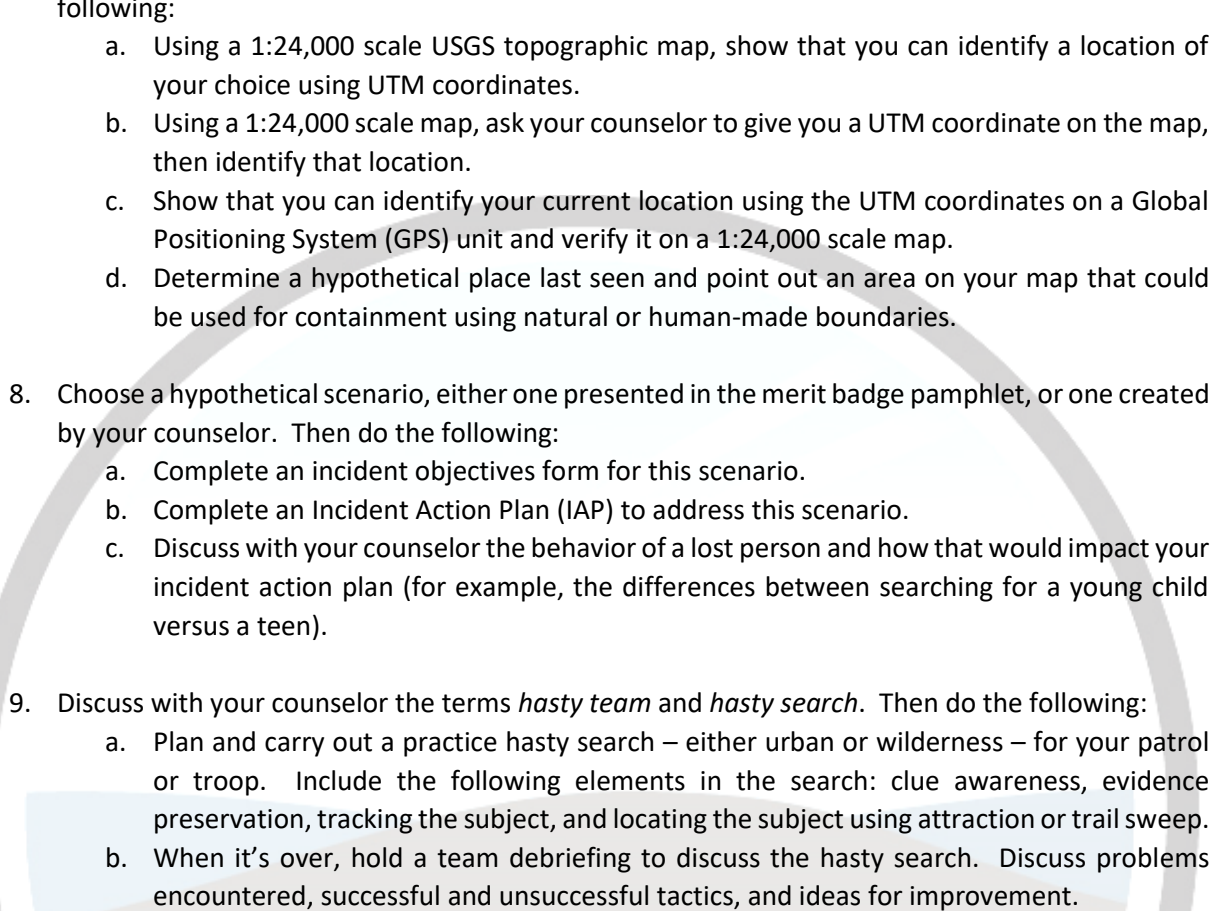
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## Search and Rescue



### Requirements:

1. Do the following:
  - a. Explain to your counselor the hazards you are most likely to encounter while participating in search and rescue (SAR) activities, and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
  - b. Discuss first aid and prevention for the types of injuries or illnesses that could occur while participating in SAR activities, including: snakebites, dehydration, shock, environmental emergencies such as hypothermia or heatstroke, blisters, and ankle and knee sprains.
2. Demonstrate knowledge to stay found and prevent yourself from becoming the subject of a SAR mission.
  - a. How does the buddy system help in staying found and safe?
  - b. How can knowledge of the area and its seasonal weather changes affect your plans?
  - c. Explain how the Ten Essentials are like a “ready pack.”
3. Discuss the following with your counselor:
  - a. The difference between *search* and *rescue*
  - b. The difference between *PLS* (*place last seen*) and *LKP* (*last known point*)
  - c. The meaning of these terms:
    - 2) IAP (Incident Action Plan)
    - 3) ICS (Incident Command System)
    - 4) Evaluating search urgency
4. Find out who in your area has authority for search and rescue and what their responsibilities are. Discuss this with your counselor and explain the official duties of a search and rescue team.

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7. Discuss the Universal Transverse Mercator (UTM) system, latitude, and longitude. Then do the following:
    - a. Using a 1:24,000 scale USGS topographic map, show that you can identify a location of your choice using UTM coordinates.
    - b. Using a 1:24,000 scale map, ask your counselor to give you a UTM coordinate on the map, then identify that location.
    - c. Show that you can identify your current location using the UTM coordinates on a Global Positioning System (GPS) unit and verify it on a 1:24,000 scale map.
    - d. Determine a hypothetical place last seen and point out an area on your map that could be used for containment using natural or human-made boundaries.
  
  8. Choose a hypothetical scenario, either one presented in the merit badge pamphlet, or one created by your counselor. Then do the following:
    - a. Complete an incident objectives form for this scenario.
    - b. Complete an Incident Action Plan (IAP) to address this scenario.
    - c. Discuss with your counselor the behavior of a lost person and how that would impact your incident action plan (for example, the differences between searching for a young child versus a teen).
  
  9. Discuss with your counselor the terms *hasty team* and *hasty search*. Then do the following:
    - a. Plan and carry out a practice hasty search – either urban or wilderness – for your patrol or troop. Include the following elements in the search: clue awareness, evidence preservation, tracking the subject, and locating the subject using attraction or trail sweep.
    - b. When it's over, hold a team debriefing to discuss the hasty search. Discuss problems encountered, successful and unsuccessful tactics, and ideas for improvement.