

FUNSAR / SARTECH II

Please read this complete document

The Fundamentals of Search and Rescue (FUNSAR) course provides knowledge concerning the general responsibilities, skills, abilities, and the equipment needed by persons who are assigned to field operations during a SAR mission.

The FUNSAR course also provides the student with practical exercises in addition to a practice search mission where the students are required to have the proper equipment and stay out in the field during daylight and night time operations. The course content includes topics in three major areas: survival, support, search and rescue. This course is based around the rural and wilderness environments but the material is recommended as a basis for all SAR environments.

FUNSAR provides a common point in training for the new person to SAR and allows them to accumulate the required clothing and equipment needed for SAR operations in their community. The course also provides practical experience during simulated SAR operations and in many cases is an excellent refresher course for the more experienced SAR worker. This common starting point provides continuity during SAR operations and future training of all team members.

FUNSAR is the NASAR course designed to prepare the student for SARTECH II certification. ***Randall's Adventure & Training only offers the FUNSAR course in conjunction with SARTECH II evaluations. The full FUNSAR / SARTECH II course is completed over a 5-day period.***

Lesson Assessment

- Review of SAR Management System
- Fitness, Basic Survival and Survival Body Management
- Clothing and Personal Protection Systems for SAR
- Emergency Survival Skills
- Improvising Environmental Hazards and Survival First Aid SAR Ready Pack
- Nomenclature of Personal Outdoor Equipment
- SAR Travel Skills
- Land Navigation and Orienteering
- SAR Resources
- Capabilities
- Search Philosophy
- Estimating POD
- Search Tactics and Searcher Skills
- Handling Evidence
- Review of Clue Consciousness
- SAR Crew Responsibilities
- Tracking Skills
- Rope and Rescue Equipment
- Legal Aspects for Searchers

During the SARTECH II evaluation portion of the course, each SARTECH II candidate will be required to demonstrate the following skills to pass the SARTECH II evaluations:

1. Build an improvised survival shelter from pack contents or natural materials

2. Build a self-sustaining fire from pack contents and natural materials
3. Orient a map using only terrain features
4. Orient a map using a compass
5. Locate yourself on a map and identify the grid coordinates of your location
6. Navigate a 2-kilometer course with at least 4 points (solo) using a map and compass
7. Navigate a 2-kilometer, multi-point course at night with a team (no more than 3 on a team)
8. Be able to do the following on a GPS: Set datum, set grid, set units, turn tracking on, clear tracks
9. Receive a detailed briefing and relay that briefing accurately to a team member
10. Effectively and accurately communicate grid locations in various formats
11. Perform a hasty search and find 50% of the clues
12. Perform a loose area search and find 50% of the clues
13. Perform a through grid search and find 80% of the clues
14. Find the correct shoeprint/track amongst a group of different tracks
15. Mark each correct track and identify total number of correct tracks
16. Use tracking stick to find each track
17. Draw a rough sketch of the track including length, width, and heel size

SARTECH II Certification Information

The SARTECH II examination consists of a written exam and a practical (field) exam (practical exam is delivered during the 5-day FUNSAR / SARTECH II course). Should the candidate not successfully complete all of the practical exam stations, only the stations that are failed need be repeated if this is done within one year of the original testing date. The re-testing may be completed at any subsequent SARTECH II evaluation. If the retesting is done within the one year of the original testing date, no additional payment to NASAR is required. However, a host organization may charge a reasonable fee to cover the costs of hosting the repeat examination. If an additional retest is needed, the NASAR fee is collected (one NASAR fee covers the original exam and retest, if needed). The written exam is completed online through NASAR. It is no longer administered onsite by the training host.

The written exam includes questions from the following topics:

- NIMS Incident Command System
- Basic Survival
- SAR Clothing
- Improvising
- Environmental Hazards and First Aid
- SAR Ready Pack
- Personal Equipment
- Travel Skills
- Land Navigation & Orienteering
- SAR Resources
- Search Philosophy
- Search Tactics
- Handling Evidence
- Clue Consciousness
- Search Operations
- Tracking
- Ropes & Rescue Equipment
- Legal Aspects for the Searcher

Prerequisites For FUNSAR / SARTECH II Evaluations

- NASAR course fees and **Position Task Books (PTB)** paid for and downloaded from www.sar.academy. If a candidate shows up without Task Books then they will not be allowed to begin the course. We suggest purchasing the NASAR FUNSAR / SARTECH II Bundle from www.sar.academy since this includes your task books as well as the Crime Scene Preservation and GPS Endorsement courses that will be required to complete all tasks in the task books.
- NASAR online liability waivers signed.
- Note: no one will be allowed to challenge the SARTECH II field evaluations without completing a FUNSAR course.

Required Materials (FUNSAR / SARTECH II)

- **Position Task Books** from NASAR (FUNSAR and SARTECH II PTBs).
- Fundamentals of Search and Rescue (FUNSAR) Text Book ordered directly from NASAR.org: https://netforum.avectra.com/eweb/shopping/shopping.aspx?pager=3&logoff=yes&site=nasar&prd_key=bd64a2f2-7d38-410d-ac2f-0bd2dbac2557 It is suggested that the student study the FUNSAR textbook prior to taking the FUNSAR course.
- SAR Pack
- Clothing for the environment.
- Food and water for the duration of the course.
- Camping is available on site at no charge. Porta-toilets and fresh water are supplied. For those wishing to stay in a hotel, hotels are available 15-minutes away from the training location.

Notes:

Randall's Adventure & Training only provides the FUNSAR course instruction, training location, SARTECH II Field Evaluations, and sign offs on the candidate's PTB as skills are successfully completed. All other Position Task Book requirements for certification are the responsibility of the candidate and solely between NASAR and the candidate.

The FUNSAR course and SARTECH II evaluations are completed over a 5-day period. Candidates should be prepared for long days (12+ hours each day) with an overnight in the field on one of the training days.

The NASAR SARTECH II Position Task Book (PTB) requires the following to receive SARTECH II certification:

- FUNSAR certificate of completion
- IS-100 certificate of completion (free FEMA online course)
- Current CPR certificate
- WFA, WFR, WEMT or state licensed pre-hospital provider certificate
- DOI A100 Basic Aviation Safety certificate of completion (Note: equivalent certificates include the Mountain Rescue Association Helicopters in SAR – Basic Level. NASAR is working on their own course for 2022)