

Skagit County Search and Rescue Recruit Academy

2009 Phase I Training Calendar

Class A SAR Technician training is required for all Skagit County SAR personnel.

PHASE I (Class A SAR Certification)	DATE	TIME	TRAINING TOPIC(S)	Notes	Instructor(s)
	9/09/09	1800-2100	New Recruit Orientation & Processing		O.S.C.'s
	Assignment Due:		Applications Due		
	9/16/09	1800-2100	New Recruit Orientation & Processing		O.S.C.'s
	Assignment Due:		Applications Due		
	9/23/09	1800-2100	County Drivers Training / Vehicle Ops & equipment		County
	Assignment Due:		Copies of current license and vehicle insurance		
	9/30/09	1800-2100	Fundamentals of SAR I / Water Operations / Safety		SCSO, Swiftwater
	Assignment Due:		Read Ch. 1, 2 & 8		
	10/07/09	1800-2100	Fundamentals of SAR II / Personal Equipment		Grieves
	Assignment Due:		Read Ch. 3, 7 & 9, NIMS Courses Due		
	10/14/09	1800-2100	Hazards in the Field / Helicopter Ops / Survival		SCSO, SRT
	Assignment Due:		Read Ch. 5 & Helicopter Operations Handout		
	10/21/09	1800-2100	Flood Fight / Team Equipment / Communications	@ Dike Dist 12, 1317 S. Anacortes St.	
	Assignment Due:		Read Communications Handout		
	10/28/09	1800-2100	Search Techniques / Evidence Preservation		SCSO, SRT
	Assignment Due:		Read Ch. 11 & 14		
	11/04/09	1800-2100	CPR & Bloodborne Pathogens		Hinckle, Jones
	Assignment Due:		Read Ch 5		
	11/07/09	0800-1600	First Aid		Hinckle, Romman
	Assignment Due:				
	11/11/09	1800-2100	Intro to Map and Compass		Grieves x2
	Assignment Due:		Read Ch. 10		
	11/18/09	1800-2100	Intro to SAR Operations / Map Coordinate Systems/GPS		Maychrazak, Grieves
	Assignment Due:		Read Ch. 15		
	11/21/09	0800-1600	Skills Course Alpha		Jones, Silcock

---Classroom trainings will be held at the Skagit County Sheriff Search & Rescue Detachment---
Located at 11525 Knudson Rd., Burlington, WA 98284, unless otherwise noted.

New Recruit Processing- Introduction to SAR, its policies, procedures, and basic chain of command. Application process, background check, and NIMS

County Driver's Training- Required class for all persons who will be operating county vehicles. Drivers must be over the age of 18, have a current Drivers License, pass a Sheriff's Office Drivers record check and must pass a classroom and practical driving course. All personnel are required to be in attendance on this date regardless of age or drivers status.

Vehicle Operations & Equipment- Basic overview and functions of unit vehicles and their equipment to include introduction to winches, maintenance, 4x4 use, emergency operations and response.

Fundamentals of Search and Rescue (FunSAR) I- A basic introduction to Search and Rescue, units, structure and an overview of land based search and rescue including local, state and federal assets and the Incident Command System.

Water Operations & Safety- Basic safety for waterborne operations including; boat safety, watercraft familiarization, swiftwater awareness, throw-bagging, flood operations and safety in SAR operations.

Fundamentals of Search and Rescue (FunSAR) II – A more in depth look in to search theory, mission formation and search operations. Legal and ethical issues pertaining to SAR and a closer look at Skagit County Search and Rescue.

Personal Equipment - Introduction to the personal equipment needed by all SAR personnel. Topics covered include shelter, packs, clothing, the 10 Essentials, and basic survival gear.

Hazards in the Field/Helicopter Operations (Classroom)- Recognizing common dangers to SAR personnel. Recognition and detection of incendiary devices, IED's, traps, Hazardous Materials (HAZ-MAT), Meth Labs, Grow Ops etc. Recognition of different aircraft common to SAR operation their capabilities, limitations and specifications. Further classroom instruction will include selecting and establishing a landing zone (LZ) and construction requirements for specific airframes.

Flood Fight, Team Equipment Familiarization and Communications- Flood fighting strategies and tactics, Sandbagging and flood awareness. Familiarization with team litters, medical kits, vehicles, and other specialized equipment deployed on missions. Additional instruction topics will include basic communication procedures and equipment operations, if time permits.

CPR and Bloodborne Pathogens – Training and certification in ASHI/AHA CPR/AED and Bloodborne Pathogens for Basic Life Support providers.

First Aid- Training and certification in ASHI First Aid. Bleeding control, wound management, splinting, medical issues, etc., with emphasis on common austere environment trauma and treatment.

Search Techniques and Evidence Preservation- Introduction to Search Techniques, types, common errors and omissions and calculation of Probability of Detection (POD) and area saturation needed for different environments, i.e. wilderness and urban. Recognition of and procedures for crime scenes. Rules of evidence and its handling.

Map and Compass- Utilizing a compass and basic map tools to plot bearings and points, basic map reading and orienting yourself to your map and your terrain.

Map Coordinate Systems/GPS- Use of the UTM/NGS system, Lat/Long awareness, Township and Range awareness. Basic GPS operation

Skills Course Alpha- Recruits will be tested on all skills taught in Phase I. This course will take place at a local training ground. Appropriate attire and equipment to include food is required.

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2009 Phase II Training Calendar

Class B and C SAR Technician training is required for all Skagit SAR personnel working in a Field Support Role. After completion of Phase II recruits are able to respond to in-county missions)

PHASE II (Class B and C SAR Certification)	DATE	TIME	TRAINING TOPIC(S)	Notes	Instructor(s)
	11/25/09	1800-2100	Land Navigation Exercise		
	Assignment Due:		Read Ch. 12		
	12/02/09	1800-2100	Clue Detection/Tracking		SCSO
	Assignment Due:		Read Ch. 13		
	12/09/09	1800-2100	Survival		
	Assignment Due:		Read Ch. 6		
	12/12-13/09	0600-1700	Skills Course Bravo	Location TBD	

Land Navigation Exercise – Recruits will receive practical application instruction and testing of recently acquired orienteering and backcountry travel skills. Topics to be reviewed include map reading, compass use and orienteering while working in a reduced light environment. This class will be proctored outdoors, please dress accordingly.

Clue Detection/Track Aware- Recruits will learn how to recognize, assess and handle clues found in the field as well as tracking humans by recognizing the impact that a person has on their surroundings.

Survival- Basics of survival theory, shelter building, treating a patient while in survival mode.

Skills Course Bravo- Topics will include litter handling, patient evacuation, search techniques, survival shelter building, and navigation as a culmination of skills acquired through Phase I and II.

Skagit County Search and Rescue Recruit Academy

2009 Phase III Training Calendar

SAR Technician Training is required for all Skagit SAR field operators. After Phase III, SAR Tech's will be able to participate in out-of-county missions

PHASE III (SAR Technician)	DATE	TIME	TRAINING TOPIC(S)	Notes	Instructor(s)
	12/16/09	1800-2100	Intro to Wilderness First Aid		
	Assignment Due:		Read Wilderness 1 st Aid text Ch. 1-5		
	12/23/09		NO CLASSES		
	Assignment Due:				
	12/30/09	1800-2100	Field Exercise		
	Assignment Due:				
	01/06/10	1800-2100	Ropes I		SRT
	Assignment Due:		Read Ch. 16		
	01/8-10/10	0600-1700	SAR BOOT CAMP	Location TBD	SRT
	01/13/10	1800-2100	Advanced Mapping		
	Assignment Due:		Review Ch. 10		
	01/20/10	1800-2100	Ropes II		SRT
	Assignment Due:		Read Tech Rescue Handout		
	01/27/10	1800-2100	Digital Mapping & Documentation		
	Assignment Due:		Review Ch. 10		
	02/03/10	1800-2100	Mapping/Navigation Recap		
	Assignment Due:		Review Ch. 10		
	02/10/10	0800-1600	Thermal Imaging		
	Assignment Due:		Read Thermal Imaging Handout		
02/13-14/10	0600-1700	Skills Course Charlie	Location TBD		
02/17/10	1800-2100	Helo Ops II		NAS Whidbey	
Assignment Due:		Review Helicopter Operations Handout			
02/24/10	0800-1600	Make Up Day			
Assignment Due:					
03/10/10		Final Exam			
Assignment Due:					
03/12-14/10	1700-1700	Skills Course Delta	Location TBD		
03/24/10	1800-2100	Graduation Ceremony	Location TBD		
Assignment Due:					

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Intro to Wilderness First Aid- This class will help establish the basics needed for SAR Boot Camp. Topics covered will include human anatomy, respiratory and circulatory systems, vital systems and shock. **Students MUST HAVE READ Chapter 1-5 in ASHI Wilderness Text.**

Advanced mapping- An In-depth look and instruction of mapping using UTM, Township/Range, and Lat/Long for precise position acquisition and navigation.

Thermal Imaging – Recruits will receive training on the Bullard Thermal Imaging Camera as well as lecture on Infra-red detection theory.

SAR Boot Camp- A 3 day field exercise where recruits are trained and tested in Wilderness First Aid, rescue and evacuation.

Ropes I- An introductory look at basic rope equipment, hardware, software and systems. Lecture will include safety, knots, basic ropecraft, and anchoring systems.

Ropes II- A practical lesson and demonstration of low angle rescue equipment, patient packaging for low angle and rigging the litter.

Field Exercise – Practical evaluation of skills.

Mapping/Navigation Recap- An advanced course in navigation building upon earlier courses. Recruits will solve more complex mapping problems, participate in night navigation and wilderness travel evolutions.

Skills Course Charlie- An overnight Land Navigation course including mapping and spur-run evolutions. Recruits will be expected to effectively and efficiently employ their compass, mapping, navigation, survival, and team skills to navigate this course as well as demonstrate problem solving throughout the duration of the event.

Digital Mapping and Documentation- Technical instruction in the use of SAR's digital mapping system. Recruits will learn how to find and print maps and properly format them as well as to complete standard mission documentation forms. Topics include documentation of all aspects of the mission from initiation to patient care to conclusion and follow-up.

Helo Ops II- A course covering additional rotor wing aircraft safety and operations including hoisting, lowering, LZ creation, etc.

Final Exam- This exam includes all subject matter presented throughout training. Bring writing utensils, compass, map tools, notebook. Calculators will be allowed.

Skills Course Delta- This is the culmination event of the Training Academy. Recruits will be subjected to a 3 day, 2 night field exercise that will test all of the presented material and skill sets. Delta is a mock Search and Rescue mission with live patients and aircraft.

Graduation Ceremonies- Following the successful completion of all required training and practical skills demonstrations as well as meeting all other requirements satisfactorily submission of all required completed task sheets, Recruits are eligible for graduation from their SAR training Academy. This ceremony culminates the hard work, sacrifice and effort that the Recruits have put forth. Families and friends are invited to help us celebrate and congratulate the newest class of Search and Rescue members.