




Iowa Snowmobiler

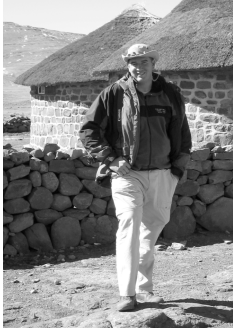

Supporting
Search & Rescue



John S. Halbrook


- Paramedic
- Fire Fighter
- Search & Rescue coordinator
- Avid outdoors man

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The Need

- Volunteers to support their community
- Responders who will be safe during that support
- Responders who can integrate into the Incident Command system
- Responders who will be properly utilized to optimize search potential
- Responders to rescue and recover the lost



The SAR Responder

- Dedicated
- Trained
- Safe
- Responsive


What a responder needs

Equipment



Appropriate Clothing

- Dress for the weather
- Dress for safety



Taken from www.RRAMSAR.org



Personal Protective Equipment



- Generic outdoors equipment that EVERY responder should have available
- We call it 24 hour gear
- Anyone in bad weather should have this stuff



Logistical support

- Snowmobile should be in good working condition
- Provide your own transportation in and out of the search area
- Provide your own maintenance and mechanical support
- Provide your own fuel for the first two operational periods



Snow Mobile Specific Safety

- Eye Protection (goggles)
- Full Face helmet
- Snow Shovel
- Avalanche Beacon (Iowa???)
- Sleeping bag
- Come-A-Long
- Stokes Basket
- Others.....



Training



Basic Operator Training

- All crews should have a basic safe understanding of snowmobiles

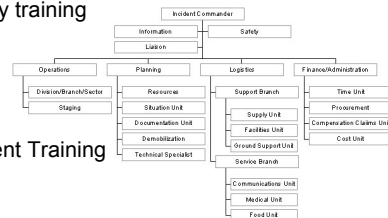


- We make Fire, Law Enforcement and EMS personnel take driver's training even though they know how to drive a car.



The Incident Command System

- Introductory training
 - ICS 100
 - ICS 200
 - IS-700
 - IS-800



- Management Training
 - ICS 300
 - ICS 400
 - ETC



National Association of Search and Rescue (NASAR)

Courses to certify Searchers

- SAR TECH III
- SAR TECH II

Training for Managers

- Managing the Lost Person Incident



WWW.NASAR.ORG



The Civil Air Patrol

- Ground Team Training
- Air Crew Assets
- Mission Management
- Host AFRCC SMC
- Inland SAR planners course



Mountain Rescue Association



- Accidents in Mountain Rescue Operations
- Avalanche Rescue Operations
- Triage and Dispatch for SAR Managers and Telecommunications
- Field Team Leadership
- Helicopters in Mountain Search and Rescue, Basic Level
- Helicopters in Mountain Search and Rescue, Intermediate Level
- High Performance Operations
- Public Information Officers in SAR Operations
- Risks in Mountain Rescue Operations
- SAR for Outdoor Leaders
- Situational Awareness in Search and Rescue Operations



Use of Snowmobiles



Use of Snowmobiles

- You must GO SLOW
- You are not looking for the subject, you are looking for clues that the subject was there
- Travel Slowly
- Get off of your sled and look around



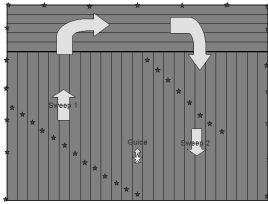
Use of Snowmobiles

- Traditionally ride in lines, and on trails
- We need you to spread out
- Cover unsearched, and untraveled ground
- Travel slowly
- Work as a team





Use of Snowmobiles



- Broad sweeping searches of open fields are the only effective way to search the area
- Travel slowly through the search area
- Work in groups to thoroughly search an assigned area



Mission Management



In briefing

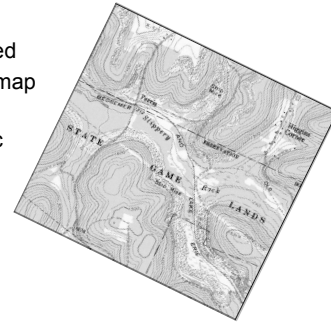


- Incident command forms
- Interviews
- Plans
- Preparing resources
- Writing assignments
- Requesting resources



Assignment

- Should be written
- Should be recorded
- Should include a map description
- Should be specific



Conducting the search



- As briefed
- 30 minute check in
- Return to the command post



New Hampton IA



The Snowbalance



Debriefing

- Must return to the command post
- Document what you did
- Document where you went
- Document what you saw
- Document what you didn't see





Why so much Documentation?



- Paul Shuman Moore
- We didn't find him
 - We searched for days
 - We used lots of resources
 - He was found 3 months later
 - Was he there at the time of the search?
 - Who searched that area?



Case Studies in SAR



Hamilton County IA



- Missing motorcycle
- Missing for days
- How would you use a snowmobile team here?



Humboldt Iowa

- Missing Alzheimer patient
- Large search area
- Limited resources
- Night
- COLD!!!
- How would you use a snowmobile team here?



Other Resources



RRAMSAR

<http://www.rramsar.org>

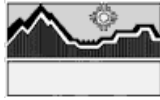
- Web site for Mobile SAR
- Podcast for SAR
- Training program for Snowmobile based SAR





New Mexico Emergency Services Council

- <http://www.nmesc.org>
- Training Resources
- SOG's for Snowmobiles
- Policies and Procedures
- Certification guidelines



Iowa SAR Teams



Iowa CAP

- www.iawg.cap.gov
- Search Aircraft
- Ground Teams
- Communications Support
- Mission Management



STAR 1

- www.star1.org
- NASAR Training
- K-9 resources
- Search Management



IA USAR TF-1



- Technical Search and Rescue
- Building Collapse
- K-9
- Mission Management



More SAR teams

- Iowa SAR
- K-9 Resources
- NASAR Certifications
- <http://www.isark9.org>
- Central Iowa Underwater Search and Rescue
- <http://www.ciusr.org>





More SAR teams

- All county Canine
- <http://www.allcountyk9.com>
- Floyd County A.L.E.R.T
- <http://fcsar.org>



SAR Database

- Team name
- Point of Contact
- Counties based out of
- Counties willing to travel to

