

OPERATIONAL AVALANCHE RESCUE – PREWORK

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Review your resorts Avalanche Rescue Plan and answer these questions.

- Does it follow along with the Incident Command System? How does it differ?
- What is the title given to the person in charge of the rescue operation?
- What is the title given to the person in charge at the rescue site?
- Has your resort had an incident where the plan was put into action? Were there any changes made to the plan after the incident?

Review the USFS Short and Long Avalanche Incident Report Forms

https://avalanche.state.co.us/caic/media/docs/acc_460_2956.pdf

http://media.nwac.us.s3.amazonaws.com/media/filer_public/f4/84/f484b67a-36f0-49e5-9ea0-fb4e09c5be29/granite_peak_avalanche_accident_04_10_2010_short_form.pdf

RECOMMENDED READING:

• AVALANCHE RESCUE FUNDAMENTALS (Second Edition). In 2011 the NSP published the second edition of “Avalanche Rescue Fundamentals” written by Dale Atkins and Lin Ballard. This notebook is “required” reading for any serious student of Avalanche Rescue. If you are an NSP member please go to <http://www.nsp.org> and log into the NSP store to purchase a copy for your library. Copies will also be available for purchase at the registration desk at the school.

ADDITIONAL READING & REFERENCES:

• INTRODUCTION TO THE INCIDENT COMMAND SYSTEM (ICS 100), FEMA ONLINE COURSE Professional Avalanche Rescuers must have a good understanding of ICS in order to participate in multi-agency rescues. The Department of Homeland Security has mandated that emergency responders successfully complete basic ICS training. This training is comprised of a series of independent home study programs available on FEMA’s website.

<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c>

• AVALANCHE RESCUE: THE UNITED STATES EXPERIENCE, 1999/00 TO 2008/09, Proceedings of the 2010 International Snow Science Workshop, Squaw Valley, California, USA. Dale Atkins. <http://arc.lib.montana.edu/snow-science/item.php?id=388>

• PARTNER RESCUE SKILLS: AN ORGANIZATIONAL AND INDIVIDUAL ASSESSMENT OVER THE 2010-11 AND 2011-12 WINTER SEASONS AT BIG SKY RESORT, Proceedings of the 2012 International Snow Science Workshop, Anchorage, Alaska, USA. Jonathan Binger* and, Chelan Babineau-Z <http://arc.lib.montana.edu/snow-science/objects/issw-2012-783-785.pdf>

• RECOMMENDATION ON HOW AVOID INTERFERENCE ISSUES IN COMPANION AND ORGANIZED AVALANCHE RESCUE, Proceedings of the 2013 International Snow Science Workshop, Grenoble, France. Manuel Genswein, Dale Atkins, et. al. http://arc.lib.montana.edu/snow-science/objects/ISSW13_paper_P1-34.pdf

• BURIED ALIVE: EXAMINING ASSUMPTIONS CONCERNING PROLONGED BURIALS AND AVALANCHE RESCUE, Proceedings of the 2014 International Snow Science Workshop, Banff, Alberta, Canada. Scott Savage, Dale Atkins, Terry O’Connor MD http://arc.lib.montana.edu/snow-science/objects/ISSW14_paper_O15.01.pdf

- THE ABCs (and D) OF DIGGING: Avalanche Shoveling Distilled to the Basics, The Avalanche Review, Vol. 29, No. 2, December 2010. Bruce Edgerly.
<http://arc.lib.montana.edu/snow-science/item/448>
- THE V-SHAPED SNOW CONVEYOR BELT, Proceedings of the 2008 International Snow Science Workshop, Whistler, British Columbia, Canada. Manuel Genswein
http://arc.lib.montana.edu/snow-science/objects/P_8248.pdf
- TERRESTRIAL AND HELICOPTER BASED RECCO SEARCH, Proceedings of the 2014 International Snow Science Workshop, Banff, Alberta, Canada. Manuel Genswein
http://arc.lib.montana.edu/snow-science/objects/ISSW14_paper_P4.03.pdf
- IMPROVING K-9 AVALANCHE TEAM PERFORMANCE AND COMMUNICATION IN BACKCOUNTRY AVALANCHE MISSIONS: A COLLABORATIVE APPROACH BETWEEN SKI PATROL AND K-9 SEARCH AND RESCUE (SAR) TEAMS, Proceedings of the 2008 International Snow Science Workshop, Whistler, British Columbia, Canada. Susan Purvis, Patti Burnett.
http://arc.lib.montana.edu/snow-science/objects/P_8089.pdf
- SLALOM PROBING - A SURVIVAL CHANCE OPTIMIZED PROBE LINE SEARCH STRATEGY, Proceedings of the 2014 International Snow Science Workshop, Banff, Alberta, Canada. Manuel Genswein
http://arc.lib.montana.edu/snow-science/objects/ISSW14_paper_O15.03.pdf
- EXCERPTS FROM THE AVALANCHE REVIEW, The Avalanche Review, Vol. 33, No. 3, February 2015, pages 20-28. Various Authors
<http://www.americanavalancheassociation.org/publications.php>

RESOURCE WEBSITES:

- <http://www.alpine-rescue.org/xCMS5/WebObjects/nexus5.woa/wa/icar?menuid=1063>
- <https://avalanche.org/>
- <https://training.fema.gov/nims/>
- <https://www.avalanche.ca/map>