

# Pincher Creek Search & Rescue Operating Profile - Rope Rescue

PCSAR Doc-96-Rope

This document describes what PCSAR is asked to do and can do [with activity, e.g. with snowmobiles].

## Definitions:

The following terms are used in this document:

Optimum Minimum - If we're at this level we can do the job. Below this level, we will be struggling to do the job.

## Roles:

<i>Situation</i>	<i>Details</i>	
<b>[Situation 1 – split activity into probable situations that require different types or amounts of skills and equipment. E.g. Wilderness Search]</b>	<i>Description</i>	[Describe the situation. E.g. “Search wilderness, often hazardous and mountainous areas for missing snowmobilers.”]
	<i>PCSAR experience</i>	[How many situations of this type has PCSAR been in over it's history. Have any incidents been simultaneous? If there's not too many, name them. E.g. “Approximately a dozen searches of this type.”]
	<i>Forecast</i>	[How many incidents of this type will PCSAR likely see? How long do they last? Are simultaneous incidents likely? Be realistic, but cautious – if uncertain, choose the higher range. E.g. “2 incidents of 1 or 2 op periods every year”]
	<i>Optimum Minimum</i>	[What is the minimum level of preparedness PCSAR needs to be at to meet the forecast need? Identify the quantity and types of skills or equipment that exceed other situation you will outline.  E.g. “2 op periods with 1 team of 3 expert-level sledders, at least one of which has Basic SAR Skills. (At least 3 team members are needed to dig out equipment.)”]
	<i>PCSAR role</i>	[Is this situation one which PCSAR has identified as a role for itself? If uncertain, may require decision from Board.  E.g. “PCSAR normally provides” or “ <b>Not PCSAR mandate.</b> PCSAR provides when possible but does not prepare for this role”]
<i>Need met?</i>	[Is PCSAR currently operating at the Optimum Minimum? If not, what is it short on?  E.g. “ <b>Yes</b> ” or “ <b>No</b> – short on personnel” or “ <b>Yes (not required)</b> ”.]	

<i>Situation</i>	<i>Details</i>	
<b>Low-Angle Vehicle</b>	<i>Description</i>	
	<i>Team experience</i>	PCES – 2 incidents of this type per year.
	<i>Forecast</i>	Approximately 2 incidents of this type per year.
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	
<b>Vertical Vehicle</b>	<i>Description</i>	Occasionally a vehicle in our area goes off the road and creates a vertical rescue situation. Typically this is off some structure like a bridge or dam causeway. The site is easily accessible by vehicle.
	<i>Team experience</i>	PCES – vehicle off dam onto ice, vehicle off bridge into water.
	<i>Forecast</i>	Approximately 1 incident of this type every 3 years
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	
<b>SAR team internal rescue</b>	<i>Description</i>	Search areas occasionally include hazards that would require rope rescue if a searcher were to slip or fall into them. Although searchers have as a priority not to expose themselves to such hazards, diligence suggests that the team should have internal rescue capability while operating in the area in case such a situation should arise.
	<i>Team experience</i>	
	<i>Forecast</i>	
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	

<i>Situation</i>	<i>Details</i>	
<b>Remote slope</b>	<i>Description</i>	
	<i>Team experience</i>	
	<i>Forecast</i>	
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	
<b>High angle</b>	<i>Description</i>	
	<i>Team experience</i>	
	<i>Forecast</i>	
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	
<b>Cave</b>	<i>Description</i>	
	<i>Team experience</i>	
	<i>Forecast</i>	
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	
<b>Wind turbine</b>	<i>Description</i>	
	<i>Team experience</i>	
	<i>Forecast</i>	
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	

<i>Situation</i>	<i>Details</i>	
<b>Shell, etc.</b>	<i>Description</i>	
	<i>Team experience</i>	
	<i>Forecast</i>	
	<i>Optimum Minimum</i>	
	<i>Team role</i>	
	<i>Need met?</i>	

**Personnel Required (for above roles):**

<i>Skill</i>	<i>Details</i>	
<p><b>[Skill 1 List all skills that are needed for this activity and which PCSAR might be short on. Combine skills into one description if they're commonly needed or found together. Consider certifications as a skill. E.g. Expert-Level Mountain Sledders]</b></p>	<i>Description</i>	<p>[Describe the skill in sufficient detail that a Search Manager who doesn't have that skill will be able to know whether they're dealing with the appropriately skilled people. Outline implications of using the skill that may not be obvious.</p> <p>E.g. “Achieve their skill by aggressively riding off-trail in mountains on a regular basis for at least five years. There is no formal training or certification available. Expert sledders can only be recognized by other expert sledders. Such recognition may require that they be seen operating in the field. Many sledders over-estimate their own skills or under-estimate the terrain. In mountainous heavy snow conditions, 3 sledders need to work together in order to be able to dig out their machines as they become stuck.”]</p>
	<i>Optimum Minimum</i>	<p>[Which situation makes the greatest demand on this skill? How many people are needed for how long? What is the likely response rate? (be conservative). How many people do we need on a roster of members and non-member with this skill? If appropriate create a roster or resource list as part of a separate preplan document.</p> <p>E.g. “6 responding sledders for worst case role (2 op periods of Wilderness Search). Assuming a 50% availability of a sledder at any given time, a roster of 12 expert-level sledders is needed.”]</p>
	<i>Need Met?</i>	<p>[Does PCSAR along with identified outside resources currently meet this need? If not, what is the gap? Include recommendation to the board on what additional training, recruitment or arrangements with other organizations is needed. In the Roles section, mark the situations that hindered by the shortage of skills.</p> <p>E.g.:</p> <p>“<b>No</b> – 10 expert-level sledders currently on roster.</p> <p><b>Recommendation to Board:</b> Approach other SAR groups: CNP, Sparwood, Fernie.”</p>
<p><b>[Skill 2]</b></p>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	

<i>Skill</i>	<i>Details</i>	
<b>[Skill 3]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Skill 3]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Skill 4]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Skill 5]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Skill 6]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	

**Equipment Required (for above roles):**

<i>Equipment</i>	<i>Details</i>	
<p><b>[Equipment 1]</b>  <b>List each type of equipment that is needed for this activity and which PCSAR may be short on. Combine equipment into one description if they're mostly needed and found together.</b>  <b>E.g. "Mountain Sleds"]</b></p>	<i>Description</i>	<p>[Describe the equipment in way that an unfamiliar Search Manager, or Board Member can delegate the gathering of appropriate equipment.                      E.g. "A mountain-ready sled with helmet, for each sledder."]</p>
	<i>Optimum Minimum</i>	<p>[Which situation requires the most equipment of this type? How much? If the equipment is not always available, what is the availability? How large of a roster do we need.                      E.g. "6 sleds" or "A pair of snowshoes for each sledder (6 – Rural Search)." or "Not required. Nice to have."]</p>
	<i>Need Met?</i>	<p>[Does PCSAR including outside resources, meet the Optimum Minimum? If appropriate, include details of where to access equipment in the separate preplan document. If not, include recommendation to the board to purchase, seek donation or make arrangements to access appropriate equipment. In the Roles section, mark the situations that hindered by the shortage of equipment.                      E.g. "Yes, sledder supplied"                      "No  <b>Recommendation to Board:</b> Build list of members that have extra transceivers. Ask for donations. Arrange to borrow from ski hill or dealership."                      "Yes (because not required)"]</p>
<p><b>[Equipment 2]</b>                      ]</p>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<p><b>[Equipment 3]</b>                      ]</p>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<p><b>[Equipment 4]</b>                      ]</p>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	

<i>Equipment</i>	<i>Details</i>	
<b>[Equipment 5]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 6]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 7]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 8]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 9]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 10]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 11]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 12]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met</i>	



<i>Equipment</i>	<i>Details</i>	
<b>[Equipment 13]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met</i>	
<b>[Equipment 14]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 15]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 16]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	
<b>[Equipment 17]</b>	<i>Description</i>	
	<i>Optimum Minimum</i>	
	<i>Need Met?</i>	