



AMGA/PSIA OUT-OF-BOUNDS SKI INSTRUCTOR EQUIPMENT LIST

Skiing Equipment:

- Alpine Touring, Telemark, or Snowboard (splitboard or with short approach skis)
- Boots (randonnée or telemark), poles, climbing skins
- Ski brakes
- Ski straps (4) multi purpose

Snow Safety Equipment:

- Avalanche transceiver (457 kHz single frequency)
- Avalanche probe
- Shovel
- Pack, 30-40 liter
- Bivy Sack or Guide's Tarp (2 or more people)
- FM VHF radio, GMRS and/or cell phone*
- Avalung, avalung pack, or ABS pack should be considered situationally

Snow Study Kit:

- Guides Notebook- 4 5/8" x 7" all-weather paper ("Rite in the Rain" LEVEL, No. 311 recommended) with Field Observation templates. *Available from Brooks Range Mountaineering - <http://www.brooks-range.com>, and/or AIARE Fieldbook.
- Mechanical pencils.
- Crystal card
- Magnifying loupe (5x-10x)
- 1 Dial-Stem Thermometers (Centigrade)
- Snow saw and/or Ruschtblock cutting cord
- Folding ruler (1-2m) or other measuring device
- Clinometer (or compass with clinometer)

Guides Equipment:

- Map
- Map case
- Compass
- Altimeter, and/or alarm watch
- GPS Recommended
- Map ruler (for distances and slope angles) *Available from Brooks Range Mountaineering - <http://www.brooks-range.com>
- A light ski harness with adjustable leg loops, belay loop and gear loops
- 3 Screw-gate pear-shaped carabineers
- Four non-locking carabineers
- 2 Cordelettes (6mm x 4-5m)
- 3 Slings (sewn double-length) or additional cordelettes
- 1 Ski rope (half-rope, 30-45mm)
- Small ascender like Rope Man or tibloc (optional)
- 2 pieces of rock protection (small – med)
- Rescue sled (improvised or commercial) * Available from Brooks Range Mountaineering - <http://www.brooks-range.com>
- Skiing helmet (optional)
- Ice axe, boot crampons and ski crampons may be recommended by your course director

*Optional, if you are not yet familiar with these items, you will learn About them during the course and you may obtain them soon after.

Clothing:

All necessary under, mid, and outer layers appropriate to the area and season

Winter gloves

Warm hat

Sun hat

Balaclava or neck gaiter

Gaiters or in-the-pants gaiters

Socks

Other Accessories:

Headlamp with spare batteries and bulb

Sunglasses

Goggles (light lenses)

Sun screen SPF 30 or greater

Lip balm SPF 30 or greater

Butane lighter

One-liter water container

Vacuum bottle (optional)

Camera, film or digital

Topographic Maps: Will be printed as needed