

8. Boots--The Korean boots were superior because they were warm and held their shape with crampons. The felt boots were pinched by the crampons and could allow the feet to get cold. The felt is very weak and will tear in any stressed areas, which seemed to be at the heel. Also, crampons forced the felt boots out of shape. The shoe-paks are quite good and probably can be used at any altitude if there is sufficient room and enough socks worn. An excellent innersole is $\frac{1}{2}$ " rubberized horsehair covered with buck skin.

A Korean type boot with a stiff Brammani type sole is needed for mountaineering use.

A complete change of clean clothes is highly desirable upon returning to civilization, unless one doesn't mind being an outcast.

MISCELLANEOUS EQUIPMENT COMMENTS

Sleeping Bag:

(D.M.- I used a 7# army mummy bag. I did however change it greatly from the standard army type. I removed all the 40-60% contents and placed 100% down in its place. I never once came near being cold in that bag even with sub zero temperatures. It had about 4 pounds of down in it. I also had a 2 pound down skier bag that I used only on occasion. In the future I would take one bag only. It is desirable to add more down to areas where it is most needed, around the feet and under the buttock. I also used a light wool face cover that was attached to the area around the head. By placing this over the face one has less tendency to get his head into the bag and exhale the moist breath. Breathing into a sleeping bag will get one cold. The best insulation I found for sleeping was placing the pack under your back, your legs and feet on a rope and your head and shoulders on your parka that is on top of pots, boots, or any other free equipment.

Willow Wands--Willow wands have a tendency to melt out and will usually fall over in 3 to 7 days depending on the air temperature and the amount of sun. Also the effective life of a wand can be extended by sinking it well into the snow with only 8 or 10 inches showing above the snow level. The hollow bamboo wands were painted a light green color and in some cases seemed to resist melting a little more than the split bamboo wands. The green color was not intentional since these were purchased from a garden store. It would probably be best to have the wands a lighter color. Both flagged and plain wands were used and although the flagged wands did show up much better in stormy weather, they are not essential. About one-half flagged and one-half plain wands would be satisfactory; using them alternately. The orange colored flags were very good.

In the case where two teams of two men on a rope are climbing, the lead on the second rope should put in the wands. The rear man would yell when he passes a wand, thus signaling his rope partner to put in another marker. In this manner the wands would be accurately spaced, no more than one rope length apart. Under conditions of very poor visibility and fog it is a good idea not to have the wands farther than one rope length apart.