

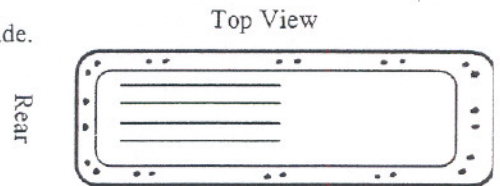


1200-A West Northern Lights Blvd, Anchorage Alaska 99503  
(907) 272 - 4564

Materials	Quantity	Available at	Used for	Tools Needed
Quality Sled	1	REI	Sled	Drill
5mm Accessory Cord	20'	REI	Harness	¼" bit
1" Triglides	6	REI	Securing Loads	Tape Measure
1" webbing with buckle	3 (60"min)	REI	Securing Loads	Knife
Fanny Pack or Waistbelt	1	REI	Harness	Matches/Lighter
Duffle Bag	1	REI	Securing Loads	Hacksaw
#20 Hex Cap Screw/bolts	8	SBS, Home Depot	Sled	Wrench
#20 Self-locking Nuts	8	SBS, Home Depot	Sled	
Washers	8	SBS, Home Depot	Sled	
Genova PVC Pipe ¼" x 10'	2 x 10'	SBS, Home Depot	Harness	
Petex ¼" x 2'	2	Raes Harness Shop	Sled	

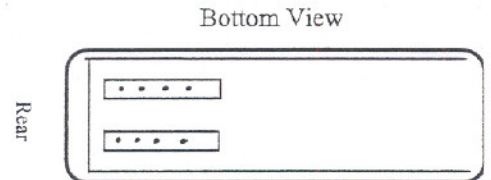
### Sled Construction:

Drill holes along edges of sled in pairs approximately 2"-3" apart. 3 pairs per side.  
Drill a pair of holes in each corner and in the center of the front and rear edge.  
Lace 12' of the 5mm cord through the holes starting at the rear center.  
Tie off cord under the front-center rim of sled.  
Use matches to sear the ends of the cord to prevent fraying.



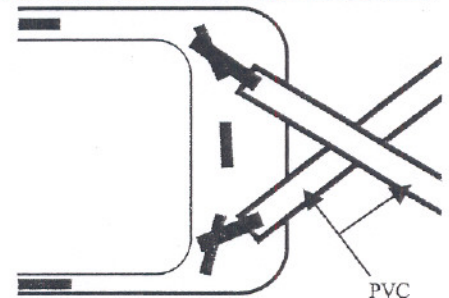
### Placing Runners:

Drill 4 evenly spaced holes through each piece of Petex. Start 1" from each end.  
Carefully countersink holes so screw heads will not drag.  
Align Petex with sides of sled about 1"-2" from bottom rear edge (see diagram)  
Using the Petex as a template drill through sled.  
Attach the Petex Runners with screw/bolts, washer and nuts.



### Poles & Harness:

Cut PVC pipe about 4 ½' - 6' long. Determine this by use of skis or snowshoes.  
Pipe should just be long enough not to interfere with your skis or snowshoes.  
Drill ¼" holes in each pipe 1" from ends.  
Cut 5mm cord into quantity 4 x 2' sections  
Attach pipe to sled by tying into the loops created by lacing the 5mm cord  
through the sled at front edge of sled and through holes in pipes.  
Cross the poles at the sled end and tie other end to waistbelt with  
remaining 2' loops of 5mm cord



### Securing Loads:

Cut each accessory strap into 2 pieces with the female buckle side  
shorter than the male end to maximise adjustment possibilities.  
Using Triglides secure the 2 pieces to lacing on side of sled. Repeat 3x  
You may now secure your duffle or load by utilizing the straps.

