Initial Long Distance Dog Sled Design
Milestone – October 19, 2006

TOP VIEW

22.00
77.00
3.00
18.00

BACK VIEW

3.00

SIDE VIEW

30.00
108.00
4.00
38.00

DETAIL A
RUNNER PROFILE
SCALE 1 : 2

Brush Bow
Cargo Bed
Drag Brake
Handle Bar
Runners
Foot Pad

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR MACHIN 1° ± 1°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .001

DRAWN DATE
CHECKED
DRAWN DATE
SUBMITTED
DRAWN DATE
APPROVED
DRAWN DATE
APPROVED

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FROM

APPLICATION
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<table>
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<th><strong>Materials and Vendors</strong></th>
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| **Runners and Runner Plastic** | REX Runners™ by Prairie Bilt Sleds, 1”high x 1.25”wide  
With Fast Trax - Prairie Bilt Sleds  
MATRAX Runners™ – 7/8”high x 1.25”wide with  
Plastic Rails – Sawtooth Mountain Sleds,  
SnapFit Runners – 1”high x 1.25” wide. Made from 7075-T6  
aircraft aluminum with Snap Fit Plastic™ |
| **Aluminum stock for frame of sled** | Bangor Steel  
McMaster Carr |
| **UHMW-plastic for 1/8” cargo bed and brush bow** | Crown Plastics  
Garland Manufacturing Co.  
Plastic Supply |
| **Various stainless fasteners and hardware** | McMaster Carr  
Prairie Bilt Sleds |
| **Carbon fiber for possible frame or shell construction** | Expired aircraft grade carbon fiber |
| **Foot Boards** | Bicycle Tires |
| **Drag Break** | Snowmobile track with studs |
| **Standard Break** | Aluminum with stainless steel break points |
| **Cargo Bag** | Husky Creek Sleds  
MaineMade Dogsleds  
Prairie Bilt Sleds |
| **Cargo Bag Material – Cordura** | Brookwood Companies Incorporated  
Fabric Warehouse |
Vendor Contact Information

Prairie Bilt Sleds
720 119th. Ave SE
Luverne, ND 58056
Telephone
701-769-2620
http://www.prairiebiltsleds.com/

SAWTOOTH MOUNTAIN SLEDS
ALYESKA DOGSLED WORKS, INC.
P.O. Box 27, Hovland MN, 55606
Phone: (218) 475-2649
http://www.sawtoothsleds.com

Snapfit Runners
http://www.snapfitrunner.com/shop.php

McMaster Carr - (404) 629-6500

Bangor Steel - (207) 947-2773

Crown Plastics
116 May Drive
Harrison, Ohio 45030
Phone: (513) 367-0238
http://www.crownplastics.com

Plastic Supply
510 County Rd.
Westbrook, ME 04092
(207)775-7778

Garland Manufacturing Co.
55 Industrial Park Rd. N
Saco, ME 04072
(207)283-3693
Email: garland@garlandmfg.com
Website: http://www.garlandmfg.com/plastics/plastics.html

Husky Creek Sleds
2375 Tr. 162
Ray, Mn. 56669
(218) 875-2338
Website: http://www.huskycreeksleds.com/
MaineMade Dogsleds
74 Whitehouse Rd
Vassalboro, Maine 04989
(207) 445-5550
Website: http://mainemadedogsleds.com/

Brookwood Companies Incorporated
25 West 45th Street, 11 Floor
New York, NY 10036
Phone: 212-551-0100
Fax: (646) 472-0294
Website: http://www.brookwoodcos.com/index.html

Fabric Warehouse
104 Washington St.
Auburn, ME 04210
Toll Free: 1-877-326-8172
Local Calls: 1-207-784-7151
Fax: 1-207-784-2200
Website: http://fabricwarehouse.com/outdoor_fabrics/nylon_fabrics.htm