NSAA - Ski Lift/Ropeway Survey
Field Information

Use the following field definitions and lists to update or complete the ropeway survey. Copy the blank form to add additional or new ropeways. In cases where a used ropeway is installed or relocated, treat it as a new installation for “Year Installed”, check the “RELOCATED” box, list the original manufacturer and model year and make a note in the Modification box that it is a relocated ropeway. You can also log onto www.nsaa.org and select the “Survey” button from the left side. The forms and a blank electronic version of the database are available at this site under Ropeway Survey.

Lift Name: Name or identification of the ropeway (ski lift) at the area.

Lift Type: Detachable Chair, Detachable Gondola, Fixed Grip Chair, Fixed Grip Gondola, Surface Lift - Fixed, Surface Lift - Detachable, Wire Rope Tow, Fiber Rope Tow, Conveyor, Carousel, Tramway, or Funitel.

Model Year: The year that the ropeway (ski lift) was originally constructed or manufactured.

Year Installed: Year ropeway was installed at present location. If relocated, please check the “RELOCATED” Box.

Manufacture: Name of original manufacturer of ropeway / Name of major modification or relocation manufacturer.

Model: Manufacturer designation of ropeway if any.

Carrier Capacity: Number of passengers per carrier. (How many people does each chair carry or towing device pull.)

No. of Carriers: Number of carriers installed on the ropeway.

Uphill Capacity: Theoretical number of passengers transported in the uphill direction in one-hour (passengers per hour - PPH).

Downhill Cap: Number of loaded carriers allowed or percent of load.

Restraint Bar: Check the appropriate box if your Chairlift has restraint bars installed.

Speed: Maximum design speed in feet per minute (ft/min)

Vertical: Vertical rise of the ropeway in feet.

Horizontal: Horizontal length (run) of the ropeway in feet

Slope Length: Line length of the ropeway in feet. (i.e. length of the wire rope one way) Should be longer than Horizontal Length requested above. (This is not the length of the ski trail next to the lift)

Drive Location: T = Top  B = Bottom

Tension Location: T = Top  B = Bottom

Haul Rope Diameter: Nominal Diameter of the haul rope in inches or millimeters per the rope specification. (Not the measured diameter)

(Conveyor Belt Width) Width of the belt in inches or millimeters.

Prime Mover A&B: What is the power source?  AC, AC Wound Rotor, DC, VFD (Variable Frequency Drive), Diesel, Gas, Natural gas, Diesel Gen. Set, Electric/Hydraulic, etc.

Horse Power: What is the Horse Power of the Prime Mover

Evacuation Drive: What is the power source of the “Evacuation Drive”?  AC, AC-Wound Rotor, DC, etc.
### Field Information Continued

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>High Voltage Control Model</td>
<td>(HVC MODEL) What is the system Model Number?</td>
</tr>
<tr>
<td>Low Voltage Control Model</td>
<td>What is the model number or system name: Hallmattic, Base 10, Etc.</td>
</tr>
<tr>
<td>Grips Mfg.</td>
<td>Manufacturer name. (See Manufacturing above for list of names)</td>
</tr>
<tr>
<td>Grip Model</td>
<td>Manufactures Unique grip identifier name, size, or part number. Examples: (Partial List)</td>
</tr>
</tbody>
</table>

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Borvig       2314, 1715
Doppelmayr   DL7, DS-103, DS-104, DT-104
Garaventa    AK4, AK4.1
Hall         2983, 4660,
Heron        B1437
Lift Engineering DB-80, Type-T, Type-3, Type-D
Poma         2031142, Model 70, TB-40, TB-40.5, TB-41
Riblet       #6, #7, #8, 6F, 8E
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<table>
<thead>
<tr>
<th>Grip Year Mfg.</th>
<th>When were the grips made? You might have different years on the same ropeway! List or put the oldest year and “Misc.”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours Skiing</td>
<td>Please list the estimated hours for skiing operations during a season.</td>
</tr>
<tr>
<td>Hours Tubing</td>
<td>Please list the estimated hours for tubing operations.</td>
</tr>
<tr>
<td>Hours Summer/other</td>
<td>Other operations are after hours non-skiing during a year’s period: (i.e. summer, night restaurant). Do not include maintenance.</td>
</tr>
<tr>
<td>Public Lands</td>
<td>If built on public land, list the type: USFS, State, City, BLM, Etc.</td>
</tr>
<tr>
<td>Modification</td>
<td>List the major modifications. Give a brief description of the modification; (i.e. relocation, new drive equipment, moved bottom terminal uphill 200 ft., etc.). Use this section to note where a relocated ropeway came from.</td>
</tr>
<tr>
<td>Year Removed From Service</td>
<td>If the lift we have in our database has been removed or replaced, list the year that it was removed. Also, if you sold the equipment, let us know where it went if reinstalled.</td>
</tr>
</tbody>
</table>

If you have questions while filling out the forms, please call Sid Roslund at (720) 963-4210

Please return to: **NSAA**

**133 So. Van Gordon St. #300**

**Lakewood, CO 80228**