

Safehold Special Risks, Inc.

Lift Survey Report



Resort:	Eaglecrest	Survey Date:	November 19, 2024
Location:	Juneau/ Douglas Island, Alaska	Report Date:	November 22, 2024
Accompanied by: NAME/Title:	Steve Zmugg-Lift Maintenance Manager; Justin Spurrier-Director of Ski Patrol/Risk; Ty Grussendorf-Eaglecrest staff member		
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Have all former non-compliance items listed in the **previous survey** dated **November 14, 2023** been complied with in full?

If No, please indicate status: ***Items: # 2 (ramp height signs), #3 (tower numbers), #8 (EPU E. shutdown, cat 0 stop-2018), #10 Guarding (Hooter and Ptamagin-2018), #5&7 (wood fire treatment 2019)**

A visual field survey of the above area was performed by: **Tom Scully** using the ANSI B77.1 2022 as a guide.

ALL ITEMS BELOW REQUIRE CORRECTION PRIOR TO PUBLIC OPERATION UNLESS NOTED

RESPOND IN WRITING OF THE STATUS OF THESE NON-COMPLIANCE ITEMS BY: December 22, 2024

Item No	ANSI B77 / Other Reference	Description	Yes	No	Date Completed	Initials
All Lifts/General						
	Safehold	Complete the "Items To be Completed" list which is attached as page 3 of this report.				
1.	Annex D, Table D-1 (E); 4.1.3.1	Confirm each lift has accurate "Loading Seat Height" signs with accurate posted height, confirmed each day on the operational log. Repaint tower numbers				
2.	4.1.4.5.5 4.3.3.2.1; 4.3.4.3; 4.3.2.4.4	Work carriers need upgrading or engineering assistance to come into compliance. Work with manufacturers or qualified engineers to develop work carrier plan, work carrier load limits, communication plan, work carrier training, grip slip tests, NDT etc. (By November 2025)				
Hooter (1978 Riblet Fixed Grip Double Chairlift)						
3.	4.1.2.10; 4.3.3.1	Repair carriage limit switch bracket and actuators and test to confirm function and strength needed to work				
4.	4.3.3.1	Align/adjust LST Drive Guide Sheave--(running outside)				
*5.	F.1.4	Treat motor room wooden materials to provide fire rating which exceeds time needed to evacuate lift via the Evacuation Power Unit (By November 2025)				
6.	4.3.3.1; Safehold	Inspect all tower anchor bolts with UT for condition monitoring; replace as needed (By November 2025)				
Ptarmigan (1976 Riblet Fixed Grip Double Chairlift)						
*7.	F.1.4	Treat motor room wooden materials to provide fire rating which exceeds time needed to evacuate lift via the Evacuation Power Unit (By November 2025)				
*8.	4.2.3.1	Repair Emergency Shutdown circuit to work properly in Evacuation mode and for low oil level or low oil pressure				
9.	4.3.3.1;	Inspect all tower anchor bolts with UT for condition				

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	Safehold	monitoring; replace as needed (<i>By November 2025</i>)				
*10.	F.5.2.3; 4.1.2.7	Guard all exhaust within 8' of floor (<i>By November 2025</i>)				
11.	4.3.3.1	Inspect LST# 12 (running outside); change sheave liners and align assembly to improve alignment				
Porcupine (1970's Hall Fixed Grip Double Chairlift)						
12.	4.2.3.6; 4.3.3.1	Repair or replace bull wheel rollback detection switch; check function by rolling lift backwards, document work				
13.	4.1.1.4; 4.3.3.1	Trim bushes behind drive to provide 5' clearing envelope				
14.	4.1.2.6.3; 4.2.3.6	Replace return bull wheel rollback actuator wheel(s), lubricate all articulation points, clean bull wheel flange; add inspection & clean/lube to monthly maintenance				
15.	4.1.1.9.2	Add inclined guard to unload ramp to prevent entanglement with ramp or platform edges				
16.	4.2.1.3; 4.3.3.1	Repair drive breaker (<i>60 days-By January 22, 2025</i>)				
Black Bear (Riblet Fixed Grip Double)						
<i>This lift was not inspected and <u>WILL NOT OPERATE</u> this season until repairs can be made to gearbox, bullwheel bearings, drive shaft and other components or replacement of the drive terminal occurs.</i>						

MANDATORY ITEMS TO BE COMPLETED PRIOR TO OPENING

During the annual inspection, all of the following items may or may not be in place for the inspector to observe. It is understood that you remove many of these items when the lift is not being operated for public operation. It is the responsibility of the owner to have all required items in place prior to operating each lift for public use. Please use this list as a checklist to assure that pre-season items have been completed.

- X.1.1.5.1 Vertical clearances: Install appropriate barriers where there is inadequate clearance under the lift line.
- X.1.1.9 Loading and unloading areas: Properly prepare the snow surface at loading and unloading areas. Mark the "wait here", "load here" and "unload here" points.
- X.1.2.6 Brakes and rollback devices: Torque test all brakes according to the approved torque test procedures. Brake testing shall be done monthly and documented during the operating season.
- X.1.2.10.2 Counterweights: Install appropriate fencing around counterweights to prevent unauthorized persons from coming in contact with or passing under the counterweight.
- X.2.3.2 Provisions for automatic stop devices: Where appropriate, properly install all removable stop gate wands and equipment.
- F.6.1;2,3 Fire Extinguishers: Provide properly tagged and certified fire extinguishers that are correctly hung in all operator stations, attendant stations, and machine rooms, sized and appropriate type for the location.
- X.1.5 Provisions for operating personnel: Supply operating instructions and emergency procedures in all operator and attendant stations. Make sure permanently installed communications are in place and operating properly.
- X.2.12.4 Emergency lighting: For those lifts that operate at night, verify that the emergency lighting is properly installed and functional to permit unloading of the lift, emergency evacuation and operation of the evacuation drive.
- X.3.1.2 Signs: Post all required as detailed in ANSI B-77.1-2022 Annex D.
- X.3.2.4.1 Control of passengers: Install appropriate fencing and gates at the loading area for the marshaling of passengers.
- X.3.2.5.7 Evacuation: Review your evacuation plan and update as necessary. Conduct and document training in Operation Log including estimated time to completely evacuate a fully loaded lift.
- X.3.3.1 Maintenance: Complete and document all ropeway maintenance defined in the maintenance schedule.
- 7.1.2.7.1 Conveyor lift barrier: Provisions shall be made to keep the public away from the returning belt and moving components other than the up-going belt. This may be accomplished by providing a barrier around the perimeter of the conveyor or other means including snow grading.
- 7.1.1.4.2 Conveyor Lift slope grading: The slope grading from the outer edge of the decking to 5 feet shall not exceed 2 horizontal to 1 vertical. A fence or other structure may be used in lieu of slope grading.

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The following additions and/or changes to the uphill transportation equipment have been made since the last survey:

Black Bear will not operate this season!

This periodic survey consisted of a visual and audible examination of structures and equipment in terminals or stations and such review of the towers, trackage, clearances, and conditions of clearings as was possible by riding or walking full length of each tramway.

No examination was made of such detail parts of the equipment as bolts, bearings, welds, axles, shafts, castings, rope grips, hangers, anchorages, etc., since such components must be examined periodically during the operations and maintenance program by the owner to ensure the safety of the public. While some aspects of your lifts, such as foundations and grounding may not be inspected in detail, evaluations contained in this report are based upon the general appearance of each transportation device and statements of operation and/or supervisory personnel. Also, no attempt was made to check the physical requirements of the various components from a design standpoint, as responsibility for the design belongs to the owner.

This is a report of the audio/visual field survey of your tramway/tow utilizing the ANSI B77.1-2022

While this report was made to provide information to insurance underwriters, you may provide copies to other organizations or agencies with which you are involved. If so provided, also provide such entities with copies of your responses to any items of non-conformance.

This survey is not intended to provide engineering information, advice or consultation to the ski area, beyond that required by the General Inspection provisions of the standard, as they have been interpreted by the ANSI B77 Committee.

Notes or Comments regarding items not completed:

Past due work is marked with *

Many of the other past due work was completed this summer which helped the resort "catch up" on some other past due items: clips, wire rope shortening, tension systems, tower work etc. This effort is recognized as an improvement and is greatly appreciated. Keep up the forward progress and keep moving in the same direction. More lift maintenance staff would help with this!

Please send notification of compliance by Mail or E-Mail to:

Inspector & address: Tom Scully
Po Box 245 Parkdale, OR 97041

Safehold: tom.scully@safehold.com
lc.response@safehold.com

Signature:



Report Emailed to:

Client Name: Steve Zmugg Steve.Zmugg@skieaglecrest.com
Justin Spurrier Justin.Spurrier@skieaglecrest.com

Tom Scully: tom.scully@safehold.com
Safehold: lc.response@safehold.com