ASC B77 NTSB
Meeting Agenda
Monday – April 29, 2019 7:15 a.m.
Cobalt 501C – Hilton San Diego Bayfront

1. Call to order 7:15 am .......................................................... Cobalt 501C
2. Chair Remarks – Mark Thorpe ........................................ Oral
3. Administrator Report
   - Approval of NTSB Conf. Call Minutes of Jan 30, 2019 .............................. pg 1
   - Committee Membership
     - Committee Membership: (Interest Category List 03/13/19) .................. pg 4
     - Phil Patterson, requesting Membership ........................................ pg 7
     - Gustavo Gonzalez, requesting Membership ...................................... pg 10
     - John Olson, requesting Membership ................................................ pg 12
     - Casey Fauver, requesting Observer Membership .............................. pg 14
     - Jay Bristow, requesting Observer Membership ................................. pg 18
     - Michael Kingsley, requesting Membership ....................................... pg n/a
4. Old Business
   - NTSB Elections Chair and Committee ........................................ Oral
     Member Election Results Summary, Ballot #2019-01 ........................ pg 20
     2019 Operating Procedures Status, Ballot #19-02 ................................ Oral
5. New Business – 8:00 am
   -
6. Adjourn
Minutes of the Conference Call Meeting  
NATIONAL TRAMWAY STANDARDS BOARD  
January 30, 2019  
Conference Call

1. Call to Order  
- Mark Thorpe called the conference call to order at 9:02 a.m. (MST)  
The following NTSB members were present:  
  Mark Thorpe  Chair  Clyde Wiessner  Michael Nellis  
  Brian Heon  Vice-chair  Marc Wood  Russ Roselius  
  Mike Lane  Administrator  Tom Scully  Jeff Temple  
Not present, David Thomas  
- The 50% requirement for a quorum was met.

2. Remarks by Mark Thorpe  
- Mark thanked everyone for making the conference call and expressed his gratitude to everyone for trying to travel to Snowbird. Note: the NTSB meeting for Jan 22, 2019 was canceled and this subsequent conference call was arranged.

3. Administrator’s Report by Mike Lane  
- The minutes of the May 3, 2018 Meeting were reviewed.  
  Tom Scully moved to accept the minutes of May 3, 2018 NTSB Meeting as amended to strike conference call.  
  Motion seconded by Jeff Temple.  
  Motion passed on a unanimous vote of members present.

4. Committee Membership:  
- Mike reviewed the current membership figures, alternate designations, passings and retirements:  
  - No action required.  
  - Les Okreglak – passed Sept 1, 2018  
  - Maynard Russell – Retired  
  - Steve Dorau, SCJ Alliance, alternate for Jim Fletcher.  
- Membership Requests:  
  - Andy Pierce, New Employment - Skytrac, Inc. Requesting Observer Membership  
  - Nick Clesceri, New Employment - NJC Advisors LLC. Requested Voting Membership  
  - Todd Ruoff, New Employment, - The Walt Disney Co., Requesting Voting Membership  
  - Clyde Weissner, New Employment, Consultant, Requesting Voting Membership
Jeff Temple moved to accept the slate of “Change of Employment” membership requests as stated.

Motion seconded by Marc Wood.

Motion passed on a unanimous vote of members present, Clyde Weisner Abstained.

- Membership Requests continued.

● Jason Brown, The Greenbrier, Requesting Observer Membership

● Mathew Vohs, Cascade Mountain - Requesting Observer Membership

● Chris Bartsch, Palm Springs Tram, - Requesting Observer Membership

● Harlan Bryant, Dendrite Engineering, Inc. - Requesting Observer Membership

● Conor Rowan, Star Lifts, USA. - Requesting Observer Membership

Marc Wood moved to accept the slate of “Observer Member Requests” as stated.

Motion seconded by Tom Scully.

Motion passed on a unanimous vote of members present.

- Membership Requests continued

● Tim Hendrickson, MountainGuard Insurance, Requesting Voting Membership

● Dan Etman, Green Mountain Control Systems - Requesting Voting Membership

Mike Nellis moved to accept the requests of Tim and Dan” as stated.

Motion seconded by Brian Heon.

Motion passed on a unanimous vote of members present.

- Membership Requests continued

● Tom Rider, Lutsen Mountain, Observer - Requesting Voting Membership

Jeff Temple moved to accept the requests of Tom Rider as stated.

Motion seconded by Clyde Weisner.

Motion passed on a unanimous vote of members present.

- Membership Requests continued

● Johnny Fleming, USDA Forest Service – Observer - Requesting Voting Membership, NTSB Recommends maintaining Observer Membership

Brian Heon moved to maintain Johnny as an Observer Member as stated.

Motion seconded by Jeff Temple.

Motion passed on a unanimous vote of members present, with Mike Lane Abstaining.

5. Old Business

- B77.2-2014 Funicular Standard – PIN’s (Project Initiation Notification) Oral

(Submitted in late May 2018.
6. New Business

- ANSI Essential Requirements Updates vs ASC B77 Operating Procedures ........................ Oral
  A ballot for updating the Operating Procedures will be generated.
  
-NTSB election (2020), Organize Nomination Committee and Chair. ........................ Oral
  
-Jan Leonard Award Nominations and Discussions ............................................................... Oral

There was no additional new business.

Mark closed the meeting at 10:03 a.m.(MST).

Respectfully Submitted,

Michael Lane
Administrator

Approved as corrected this ____day of _____, 2019
## Allied Industry

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## Employee

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## Independent Specialist

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PHILLIP A. PATTERSON  
P.O. Box 3491  
1348 Mesa Drive  
Eagle, Colorado 81631  
970.331.1289

RESUME

OBJECTIVE

I desire to advance my career specifically in the Lift Maintenance Department with Vail Resorts, Inc. at Beaver Creek Resort. I offer a solid and consistent amount of experience to allow me to be a positive and creative contributor to the management team at Beaver Creek.

EMPLOYMENT HISTORY

2018 – present  
Vail Resorts, Inc. ~ Vail Mountain  
Director, Lift Maintenance

2011 – 2018  
Vail Resorts, Inc. ~ Beaver Creek Resort  
Director, Lift Maintenance

2007 – 2011  
Vail Resorts, Inc. ~ Beaver Creek Resort  
Manager, Lift Maintenance

2005 – 2007  
Vail Resorts, Inc. ~ Beaver Creek Resort  
Supervisor, Lift Maintenance

1999 – 2005  
Vail Resorts, Inc. ~ Beaver Creek Resort  
Lead Lift Mechanic – Level III

1998 – 1999  
Vail Resorts, Inc. ~ Beaver Creek Resort  
Lead Lift Mechanic – Level II

1995 – 1998  
Vail Associates, Inc. ~ Beaver Creek Resort  
Lift Mechanic Level II

1992 – 1995  
Superupair ~ Boulder, Colorado  
Automotive Mechanic

1991 – 1992  
Boulder Toyota, Boulder, Colorado  
Automotive Mechanic

1991  
Discovery Airways, Honolulu, Hawaii  
Airline Mechanic

Pre – 1990  
Vail Associates, Inc. ~ Vail  
Held various positions as Section 3 Lift Foreman, Gondola Foreman, Gondola Operator Level(s) I, II, and III, Food Service Warehouseman, and Carpenters’ Helper
ACCOMPLISHMENTS

2011
Supervised the installation of a new quad chair ~ Lift #4

2007
Successful installation of Buckaroo Gondola ~ Lift #1 including several engineering challenges

2006
Worked closely with East West Partners on the installation of the Riverfront Gondola. Designed ergonomic maintenance shop and bay.

2005
Successful installation of Lift #11

2004
Successfully completed relocation and installation of main and secondary power Along with infrastructure work on both Lift #15 and Lift #18

2003
Successfully completed all assigned tasks with the first Doppelmayr UNIG Lift Birds of Prey Lift #9

1997
Worked part time for Doppelmayr on the installation of Beaver Creek Lift #8

1987
Demolition of riblet Vail Lift #8 and assisted with installation of new Lift #8

1985
Assisted with installation of Vail quad detachables

1979 – 1989
Operated and maintained Lionshead Gondola, assisted in specialty work, pouring rope sockets, maintenance of cabin safety systems.

EDUCATION

1990
Colorado Aero Tech ~ Aviation Maintenance Graduated with 99% attendance

1978
Simon’s Rock Early College ~ Social Sciences

1976
Brockwood Park, England ~ High School Diploma/GED

MEMBERSHIPS / VOLUNTEERING

2010 – Present
CMC Ski Area Operations Advisory Board

1999 – Present
Rocky Mountain Lift Association ~ Vice President and Board Member
Involved with expansion of RMLA for nationwide mechanical/electrical Personnel training

2005 – Present
Buddy Werner League ~ Board Member and Volunteer

2009 – Present
Ski Club Vail Academy ~ Volunteer and Parent
AWARDS

????  Vail Resorts, Inc. ~ 25 Year Employee Recognition
1997  Vail Associates, Inc. ~ Maintenance Employee of the Year
1990  Colorado Aero Tech ~ Honor Student and Outstanding Attendance
1981  Vail Associates, Inc. ~ Gondola Operator of the Year

HOBBIES / INTERESTS

Motorcycling, skiing, hiking, boating, fishing, camping and anything mechanical
My daughter Delaney’s ski racing, volunteering with Ski Club Vail and Buddy Werner
Gustavo Gerardo González
1106 E 110 N
Heber City, UT 84032
(435)-640-7315
gusgonpc@gmail.com

EDUCATION

1981 – 1987  Escuela Nacional de Educación Técnica Nº1
Neuquen, Argentina
Electronics Technician

1987-1990  Universidad Tecnologica Nacional (UTN)
Bahia Blanca, Buenos Aires, Argentina
Electronics Engineering

EXPERIENCE

Park City Mountain Resort - Park City, UT 12/2002 – Present
Lift Maintenance Electrician/Mechanic – 12/2002 to 08/2015
Team Lead, Lift Maintenance Electrician – 09/2014 to 08/2015
Senior Manager Lift Electronics – 08/2015 to 01/2018
Director, Lift Maintenance – 01/2018 to present.

• Knowledge of, and experience with single-phase and three-phase systems and DC systems
• DC drives (digital/analog) and motors.(800 HP)
• AC drives (digital/analog) and motors.(1100 HP)
• PLC knowledge and experience with the following programs: Allen Bradley SLC500,
  ControlLogix, MicroLogix, Pilz. Experience in both troubleshooting and repair.
• Ladder logic programming using Rockwell Software RSLogix.
• Troubleshooting and repair at component level (electronic units, modules, cards).
• Fiber optic knowledge and experience.
• Phone systems, analog and digital.
• LAN systems.
• Strong electrical, mechanical, and hydraulic experience, along with troubleshooting, repair,
  installation and design.
• Able to read electrical, mechanical, and hydraulic blueprints.
• Machining and welding experience.
• Strong knowledge and experience of SLI, Yan, CTEC Garaventa, Doppelmayr CTEC and
  Doppelmayr ski lifts.
• Knowledge and experience of diesel engines, two stroke (Detroit V series) and four stroke.
• Knowledge and experience with snowmaking equipment, motor controllers, AC drives,
  PLC and analog based controllers.
• Preventive Maintenance program based on oil sample (Gear Boxes, Diesel engines, Torque converters, Hydrostatic drives) and vibration testing (Electric motors, snowmaking pumps).
• Ability to use computers and digital/analog meters, oscilloscope, insulation meter, power quality testing equipment, etc.
• Machining experience with lathe and milling machines, mainly to build special tools and parts for specific jobs.
• Heavy equipment certified operator.
• Inspection, repair and maintenance of the electrical components on diesel electric engines.

Neucom Sistemas de Comunicaciones - Neuquen, Argentina 1993 – 2002
Owner/President/Sales/Repair

• Supplier of two-way radio service to companies who were involved in oil and gas exploration, as well as drilling and pipeline construction.
• Dealer: Motorola, Yaesu/Vertex, Kyocera Solar (Solar Modules).
• Two Way radio repair (Maxtrac, Radius, Pro).
• System designer, builder and installer (VHF-UHF-Wide Area Coverage via linked repeaters).
• SCADA systems.
• Radio installer (mobile-base).
• Radio Programming: Motorola/Yaesu/Vertex/Kenwood/Icom.
• Rented and maintained two way radio repeaters in remote locations.
• Community repeater service provider.

Manager – 1991 to 1993
Laboratory helper – 1990 to 1991

• Two way radio repair (Motorola Radius M100/200 and GM).
• Installer/repair.
• Laboratory Manager 1992-1993 (daily job planning, supervisory, high end equipment installation/repair).

SKILLS

• Proficient in metal and mechanical work, computer based two-way radio programming.
• Good flexibility and tactfulness in dealing with clients.
• Bilingual: Fluent in Spanish and English.
• Word and Excel experience.
March 22, 2019

To whom this may concern:

Not often in this life does a person get to live his perfect life professionally. I began an electrical internship at the age of seventeen, in my hometown with a local electrician. The knowledge I gained in that job began a 25 year love affair with all aspects of electricity. I have been recognized for problem solving skills and compliance with safety procedures. I have been tasked with maintaining equipment and performing preventative maintenance checks. I have worked with supervisors to resolve operational challenges while always meeting the needs of the customers. I firmly believe that my knowledge and experience earned during my career makes me a perfect candidate for this committee.

In total, my experience provided me with the opportunity to observe and understand the critical role management plays in ensuring safety and an efficient operation. If given the opportunity, I will commit to this committee and continue to work with unrelenting passion and dedication.

Sincerely yours,

[Signature]

John Olson
JOHN OLSON  
P.O. Box 5232  
Incline Village, NV 89450  
530-318-1339  
jgo@lvgid.org

PROFESSIONAL EXPERIENCE

DIAMOND PEAK, Incline Village, NV  
Lifts Manager/Assistant Manager Lifts/Lift Electrician, 2012 – Present

- Responsible for the repair and maintenance of 6 aerial lifts and 1 surface lift  
- Responsible for the planning and construction of special projects  
- Developing safety procedures and safe work practices  
- Responsible for supervising and training of Lift Maintenance and Lift Operation staff  
- Maintained an inventory of parts for immediate and emergency repairs

KIRKWOOD MOUNTAIN RESORT, Kirkwood, CA  
Lift Supervisor/Electrician 2006 – 2012

- Responsible for the repair and maintenance of 15 aerial lifts and 3 surface lifts  
- Responsible for preforming annual state inspections  
- Earned a reputation for expertise in complex troubleshooting and problem resolution  
- Developed annual budgets and manage expenses for the electrical department  
- Commended for team-player mindset and ability to work with minimal supervision under tight deadlines

NORTHERN CALIFORNIA ELECTRIC, Lodi, CA  
Owner/Electrician 2003 – 2006

- Responsible for the bidding and construction of residential and commercial projects  
- Installed, maintained, repaired and tested equipment for the generation and utilization of electric energy for diverse-industry clients  
- Implemented energy efficient solutions that saved customers hundreds of thousands of dollars annually  
- Mastered the use of instruments such as ammeters, ohmmeters, voltmeters, and testing equipment

CITY OF LODI ELECTRIC UTILITY, Lodi, CA  
Lineman 2000 – 2003

- Responsible for the repair and maintenance of overhead High-Voltage power distribution system  
- Climbed power poles, worked in confined spaces and worked a flexible non-standard work week  
- Responsible for the repair and installation of High-Voltage transformers  
- Responsible for the safety and training of the apprentices

EDUCATION

NORTHWEST LINEMAN COLLEGE, Meridian, ID  
Certified Journeyman Lineman

Certified Journeyman Electrician
Employment

Grand Targhee Resort

- Lift Operations Supervisor-
  - Responsible for consistent delivery of high quality guest service.
  - Assists Lift Operations Manager with hiring, motivating, evaluating, and directing staff to accomplish set goals and objectives.
  - Delegating responsibility, motivate, support and lead lift operators in order to successfully accomplish goals.
  - Ensure all lift operators receive initial training by introducing daily procedures and operational policies, and demonstrating all tasks that operators are required to perform. Continue training throughout the season by reinforcing topics covered in initial operator training.
  - Maintains training records of individual operators by documenting all training sessions.
  - Completing daily tasks around the lifts in order to ensure we are following proper code and procedures. Also completing tasks in preparation for the next season (painting, staining, inventory, locating signage, etc.)
  - Work closely with lift mechanics and mountain patrol to ensure safety on and around the lifts.
  - Attend monthly leadership meetings to stay informed and up to date on what is going on around the resort.

Cabeerfae Peaks Ski Area

- Assistant lift operations manager-
  - Responsible for reviewing possible lift operator candidates, interviewing, and hiring.
  - Responsible for proper training of lift operators, supervising operators, giving breaks and switching operators.
  - Reworked paperwork for lift logs and kept daily records of lift inspections and stop logs.

- Assistant Lift mechanic-
  - Responsible for assisting in pre-operational lift inspections and checks.
  - Responded to lift mechanical failures and mystery stops.
  - Familiar with Hall, CTEC, Doppelmayr, Riblet and Leitner Poma lifts.
  - Familiar with different carpet and rope tow surface lifts.
  - Assisted with various construction projects, i.e. building repairs, building cabinets, and various fixes around the resort. Helped splice and install new tow rope.

- First Aid and CPR certified-
  - assisted with ski patrol incidents and calls when needed.
Alyeska Ski Resort  
**Winter 2015-2016**  
**2016-2017**

- **Lead Lift Operator**-
  - Responsible for training and supervision of lift operators and attendants. Complete knowledge of the operator and attendant job descriptions.
  - Ability to fill out lifts logs, and other pertinent paperwork.
  - Responsible for pre-operational lift checks, setting break times, and giving breaks as needed.
  - Knowledge of lift safety systems and operating logs.
  - Assisting passengers as needed and maintain orderly traffic and conditions.

YMCA Camp Timbers  
**Spring 2015-Fall 2015**

- **Senior Camp Counselor**-
  - Responsible for 24 hour care of 7-10 children. Planned out daily activities, took them to the activities, watched over them, taught them different things about the outdoors and activities we had, and many miscellaneous tasks.

- **High Ropes/ Climbing tower/Zip line Certified**-
  - Ran the climbing tower and high ropes course. Along with the Eagles Flight zip-line at camp. Responsible for the safety of any of those climbing or using any of the elements.

- **Outdoor Education Staff**-
  - Taught outdoor education classes in the spring and fall seasons. Taught the groups about the past of camp, nature, archery, and ran climbing tower with them.

Caberfae Peaks Ski Resort  
**Fall 2014- Winter 2015**

- **Snowmaker**-
  - Responsible for hook up and maintenance of all of the snow guns. Worked 12 hour shifts where we would start up the guns, shut down, clean/maintain, and be responsible for all snowmaking on the hill.

- **Lift operator**-
  - Responsible for proper lift tests, keeping the lifts up to correct standards, and preforming any checks that were needed.

- **Lift Foreman**-
  - Responsible for keeping track of on duty lift operators. I was responsible for giving breaks, doing switches, and any other tasks that needed doing.
Mt. Zion Ski area-

- **Lift operator-**
  - Responsible for proper lift tests, keeping the lifts up to correct standards, and performing any checks that were needed.

- **Ski/Snowboarder Instructor-**
  - Taught weekly lessons to the local school children. Did both ski and snowboarding lessons to a variety of ages.

- **Rental Technician-**
  - Required to know how to set up skis and snowboards, required to know the correct sizing for skis and snowboards for the customers, and the tuning and waxing of skis and boards.

Saginaw County Parks and Recreation-

- **Park Ranger-**
  - While employed for Saginaw County I worked as a park ranger and was required to use an abundance of skills. I would assist patrons with anything they needed, I helped set up and tear down events, and was responsible for keeping the park clean.

Apple Mountain-

- **Ski/Snowboard Instructor-**
  - Organized different events and programs, instructing many different group and solo lessons, and working the desk setting up lessons.

- **Rental Technician-**
  - Required to know how to set up skis and snowboards, required to know the correct sizing for skis and snowboards for the customers, and the tuning and waxing of skis and boards.

- **Sales Associate-**
  - Assisting the customers in finding the proper equipment, locating gear and other essentials, and cashier experience.

- **Bag Staff-**
  - Spring/Fall- Apple Mountain golf course.
    - Assist the golfers in any way needed by cleaning off and carrying their clubs. Other entitlements of this job were to maintain the driving range and washing the golf carts.

Education

Gogebic Community College-Ski Area Management (Graduated May 2015)

- **Snowmaking class-** worked with lenko, SMI, TechnoAlpin, Areco, and rubus snow guns.

- **Grooming class-** Operated a 300 Pisten Bully, 600 winch Pisten Bully, and a 280 Pisten Bully.

- **Industrial Skills class-** Worked on a hall lift, all Pisten bullies, Snow guns, and did trail maintenance on Mt. Zion skill hill.

- **RA position at campus suites**
Skills

- Reliable, flexible and hard working
- Quick learner
- Motivated self-starter with a strong desire to learn
- Basic knowledge of PC and computer software
- Adapt well to different situations
- Time management
- Resourceful
- Soccer coach for 4 years

References

Michelle Cosper
Alyeska Ski Resort
Cell: (907)-229-5171
Email: michellecosper@gmail.com
(Former employer)-Lift Operations

Jim Vanderspoel
Ski Area Management Director- Gogebic Community College
Cell: (906)-285-1341
Email: JimV@gogebic.edu
(Academic Advisor)-Student

Wayne Foucart
Caberfae Peaks Ski Area
Cell: (231)-920-3366
(Former supervisor)-Lift Operations

Tim Meyer
Caberfae Peaks Ski Area
Cell: (231)-884-0383
(Former Supervisor)-Lift Operations
Hi Mike,

I'm writing with interest to be considered as an Observer Member of the ANSI B77 committee.

In brief my more lift specific experience is as follows, most current first. There is a lot of time unaccounted for in there working as a contract avalanche forecaster for industry and a mechanized ski guide. Let me know if this format and content is OK for you.

Nice talking with you, look forward to saying hello again in San Diego.

2012-Present
General Manager for MND Group responsible for North America (MND America). One of our holdings is LST Ropeways. I am responsible for our presence in North America, bringing our technologies to the market and conforming with local norms. We have installed 2 conveyor lifts, 2 TBars and quoted many.

2003-2007
Patrol and Operations Manager Porter Heights (Porters), New Zealand. I was involved in the seasonal operations and annual maintenance of 3 TBARS, 1 Platter and 1 Conveyor.

2003
Snowbasin Resort, Utah. Patrol lift and gondola evacuation special forces team.

2006
Gulmarg Gondola, Jammu and Kashmir Cablecar Company. I trained the operations team in avalanche safety and was involved in a lot of maintenance and evacuation ‘situations’ of a Poma gondola and a platter lift.

1999-2003
Assistant Avalanche Forecaster and Summer maintenance crew Sugarbowl California. Lift evacuation team and during the summer I was involved with many lift maintenance and 2 installation projects with fixed grip and detachable lifts.

1995-1999
Patroller and summer maintenance crew Eldora Mountain Resort. Lift evacuation team and in the summer I was involved with many lift maintenance and 2 installation projects with fixed grip, platter and cable tow lifts.

Jay BRISTOW
General Manager
970 328 5330 extension 3 office
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Action Ballot Summary

Ballot Number: (2019-01) - Membership Actions From NTSB Conf. Call
Date Issued: Jan. 31, 2019
Closing Date: Mar. 04, 2019

Ballots Issued to Voting Members 51  Ballots Returned 49  Percent 96%
Additional Ballots Issued 9 to Alternate Members
Additional Returned 2, Non were counted

Vote Parameters: Affirmative vote of more than 50% of the voting members (26) with
Alternate member ballot vote will be used if Voting Member doesn't vote.
All comments must be considered and resolved.

ITEM: Membership Actions

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<td>2  Brian Rosser</td>
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<td>8  Chris Bartsch</td>
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