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## Lift Attendant Training Program Table of Contents

### 01 Introduction

Passenger Ropeways; Safety & Guest Service; Lift Anatomy Overview; Top & Bottom Terminals, Vertical Rise, Midstation; Chair, Grip, Haulrope; Line Speed; Drive End, Return End, Drive Bullwheel, Return Bullwheel; Tension System; The Line, Sheaves, Towers; Unloading Area; Download, Control Cables/Comm Lines; Control, Communication, Safety Systems; Protection Circuits, Automatic Shutdown

### 02 Lift Anatomy Part One

Daily Preoperational Inspection; Haulropes (Core/Wires/Strands), Splices, Tucks; Tension System- Counterweight & Hydraulic, Tension Carriage, Rails; Bullwheels, Sheaves, Rubber Liners, Sheave Unit/Assembly, Support Sheaves, Hold-Down/Depression Sheaves, Combination Sheave Unit/Compression Assembly, Sheave Numbering

### 03 Lift Anatomy Part Two

Carrier System, Carrier Spacing, Centerpole & Bail Designs, Hanger/Chair Stem, Seat Pads, Chair Seat & Back, Restraining Bars; Grip System- Fixed & Detachable, Jaws/Chair Stem/Wings, Grip Migration/Slippage, Clips; Detachables: Grip Springs, Moveable Jaw, Actuating Roller, Running Wheels, Guide Roller, Traction Plate, Conveyor System, Compression Rail, Grip Wheels, Principle & Lateral Rail; Sensors & Switches

### 04 Lift Anatomy Part Three

The Line; Up & Down Line, Uphill & Downhill Sides of Towers; Crossarms, Chair Guides; Deropement, Deflector Plates, Cable Catchers, Protection Circuits (Derail Switches, Brittle Bar, Proximity Sensor)

### 05 Lift Anatomy Part Four

Drive System, Prime Mover, Evacuation Power Unit/Auxiliary Engine, High Speed Shaft, Gear Box, Low Speed Shaft, Drive Bullwheel; Equipment Guards, Lock Out/Tag Out Procedures; Braking System: Service Brake, Bullwheel Brake, Rollback Device, Drivetrain Backstop; Stopping Time & Distance; Overspeed Condition, Rollback

### 06 Attendant Duties Part One

Observe & Assist Riders; Successful Load & Unload, Every Time, Every Chair; Loading Area (Corral/Maze, Wait Here Spot, Loading Platform, Load Here Point), Signage; Restraining Bars, Chair Balance, Rider Rules; The Unloading Area (Approach, Unload Platform, Breakover, Exit Ramp, Runout); Snow Surface Maintenance, Seat Height

### 07 Attendant Duties Part Two

Potential Load/Unload Issues; O.A.R.: Observe, Assess, Respond; Stay Close to Control Panel, Active Scan 180 Degrees, Visual Confirmation of Load; Communication (Voice & Hand Signals), Physical Assist, Slow Lift, Normal Stop; Time + Distance = Response; Hanging Rider, Bullwheel Rider, Incident Report; Always Call Other Terminal Before Restart

### 08 Attendant Duties Part Three

Approaching Chair Issues; Workplace Safety; Dropped Equipment During Load; Small Children; Adaptive Riders; Downloads; Resort Tools, Equipment Repairs, Enforcement of Resort Rules & Policies

### 09 Attendant Duties Part Four

Chairlift Emergencies; Lift Does Not Respond Immediately to Control Commands, Does Not Operate According to Design Specifications, Endangers Riders or Staff; Fire, Wind, Snow, Ice, Lightning; Closing A Lift; Lift Evacuations (EPU, Rope/Ladder Evacuation)

### 10 Final Exam