

# Risk Assessment Activity – Aerial Trek Course

Pioneer Centre	Assessed by: James Kniffen				Assessed:	Next Review Date
					10/01/2022	09/01/2023
<p><b>Overview:</b> The at height (11 metres) obstacle course is purpose built between two towers and was supplied and erected by JM Adventure. An annual inspection is carried by High Times Technical Consultants. Regular monthly inspection checks are also carried out on equipment by activities staff as well as a quarterly structural check. A qualified Winter Mountaineering and Climbing Instructor (WMCI) Chief Instructor has overall responsibility. All other instructors are RCI or CWI qualified, or in-house trained using NGB recognized techniques. An examination to check competency of staff is completed on each staff member by the external and independent Technical Advisor. This process is periodically checked and validated by the Technical Advisor and senior staff members do continual monitoring throughout the year. Preferred Staff to Client ratio is 1:12 and a maximum of 1:16 under instruction with a maximum of 16 clients out on the Trek Course at a time.</p>						
Hazards	Groups of People at Risk from the Hazards Identified	Probability	Severity	Risk Category	Control Measures	
Structural Failure	Instructors, staff and guest/participants	Very unlikely	Fatal	Low	The course build by approved contractors and external annual inspection are carried out. Quarterly structural checks are carried out. Use of the course are limited to one participant on an element at a time and two participants on a platform and max weight of a participant is 100kg.	
Falling objects	Instructors, staff and guest/participants	Unlikely	Major	Medium	Group briefed to empty pockets. All equipment at top of tower secured. Guests briefed on how to stand if objects fall to protect themselves.	
Unauthorized access to Towers	Instructors, staff, guest/participants and general public	Very likely	Fatal	Low	Tower doors locked and shut when not in use. Only access to towers is via a	

Rope burns	Instructors, staff and guest/participants	Unlikely	Minor	Low	<p>trained member of staff. No access signs clearly displayed.</p> <p>Group briefed on correct clothing. Instructor supervises guests contact with rope.</p>
High level fall	Instructors, staff and guest/participants	Very Unlikely	Fatal	Low	<p>Detailed in-house training &amp; assessment are carried out on activity staff to ensure safe access and practice is used for the activities. Correct use of all equipment. All PPE checked and recorded monthly. Instructors ensure participants are wearing all PPE before partaking in the Aerial Trek course. See supporting documents for safety practices.</p>
Environmental Hazards	Instructors, staff and guest/participants	Very likely	Fatal	Medium	<p>All participants are briefed on proper clothing for the current weather conditions.</p> <p>Towers not used or sessions cancelled in the event of thunder &amp; lightning (activities can resume 30mins after last thunder was heard) or winds above force 9 (50mph)</p>
Slips, trips and falls	Instructors, staff and guest/participants	Likely	Minor	Medium	<p>Maintenance of site, instructor visually checks area upon arrival. General brief and group management is provided by instructors ensure play is safe.</p>
Soft tissue injury	Instructors, staff and guest/participants	Unlikely	Minor	Low	<p>Instructor aware of group's capabilities. Warm up/warm down as needed.</p>
Physiological effects	Guest/participants	Very unlikely	Major	Low	<p>Instructors aware of groups needs and medical issues. Challenge by choice brief is given and instructors will respect participates choices and be sensitive and adapt to participates</p>

reactions to the activity they are invited to participate in.

Stress / Panic Attack	Guest/participants	Likely	Major or traumatizing	Low	Challenge by choice brief is given and instructors will respect participants choices. Instructors will air on the side of caution if participants start to panic or have strong emotional reaction to the activity the instructors will react quickly to ensure the level of stress is brought back down to acceptable level. This should help ensure the activity runs well for all those involved.
Small injuries – cuts and splinters	Instructors, staff and guest/participants	Unlikely	Minor	Low	The course sanded down when built, and regularly inspected/maintained to prevent cuts and splinters.
Entrapment	Instructors, staff and guest/participants	Very Unlikely	Major	Low	Guests briefed as to any dangers of entrapment. Guests stay on one side of “spiders web” element to avoid entanglement with lanyard.

