



Adventure Activity Flying Fox (Camp Waikato) - Risk Analysis Management

Risk Analysis		Management				
Hazard	Risk severity (Initial)	Control (Eliminate/ Minimise)	Action	Risk severity (residual)	SOP	Accepted
People: Poor supervision	15	M	Schools are encouraged to hire a CYC instructor if at all unsure of supervision, they can provide All supervisors signed off and checked during use for first hour of each new supervisor Supervisors to demonstrate thoroughly that they have understood instructions and can run activity safely Use a sign for communication Any trainee supervisors that are seen to be operating outside of SOPs or do not seem fit to run activity will not be signed off by CYC Instructor.	5	•2 supervisors 18 years or older, per 12 participants. •Communicate with other supervisor using clear hand signals and visual clarification. Two arms up in a Y shape with thumbs up as a go visual and arms across chest in X shape as a no visual. •Supervisors must supervise participants at all times and must not leave equipment unattended. •Have extra supervision for participants that are waiting when required to safely run the activity. •Rotation of activity supervisors is not permitted.	Yes
Equipment: Stuck Trolley. Suspension trauma.	15	M	Rescue Kit located at the Flying Fox. Activity Staff are trained in rescue procedures.	5	•In an emergency contact the nearest possible CYC Staff member or host to assist. There is a radio in the kitchen. •Emergency rescue equipment is located at the base of the upper pole.	
People: Unsuitable persons	12	E	Unsuitable persons are not allowed to go on this activity, these include those over 120kgs, those under one meter high, expectant mothers, or those with back/spinal injuries.	4	•Only one participant on the flying fox and one participant on the platform at a time (max weight 120kg and minimum height of 1m) •Expectant mothers or participants with injured backs should not use the flying fox.	Yes





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People: Falling from height	12	M	Participants harnessed in and managed via Operations Plan for Flying Fox	5	•CYC instructor will go through the daily pre-inspection checklist. •All equipment must be fitted and used correctly. •Supervisor on Take Off End must wear a correctly fitted harness and remain connected to safety line while on the platform. •Activity supervisor to take pulley off at other end and participant to walk pulley back with harness on by leaving through the personal gate and going around the outside of the fenced Lake area. •Supervisors must supervise participants at all times and must not leave equipment unattended.	Yes
People: Misplacement of hands or body	12	E	To prevent fingers coming close to trolley or falling out of harness, participants must hold onto the clear tube and always keep their feet towards the ground while suspended on the flying fox. No flipping upside down in harness.	2	•Participants must hold onto the clear tube and always keep their feet towards the ground while suspended on the flying fox. •Participant must put feet down on the ground at the landing side of the Flying Fox to slow them down.	Yes
People: Misuse of equipment	10	E	Do not leave gear unattended, and teach correct use of equipment	5	•All equipment must be fitted and used correctly. •Supervisors must supervise participants at all times and must not leave equipment unattended.	Yes
Environment: Natural Hazard	10	M	Wear hats/sunscreen Use tree shelter from sun Activity to not be operated in severe weather events, excessive rain/wind, or natural disasters CYC Staff to be aware of changing conditions, esp. high winds, and	2	•Reapply sunblock regularly on fine days; If a Natural Hazard e.g. severe weather event takes place, CYC staff reserve the right to close the activity	Yes





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			pause/stop the activity when necessary			
People: Kayaks and dismount step in the path of flying fox	9	M	Have rope up separating areas Dismount supervisor to ensure dismount step is not in path and lake is clear	3	•Make sure the flying fox line is clear including objects in the water and that there are no obstructions on the steps or at the dismount end. •Raft building is prohibited from crossing over the Flying Fox boundary rope.	Yes
Equipment: Height of steps at Take off end	8	E	To prevent bottom from hitting steps on way down the line, participants must leave platform from lowest step (or where ever cows tail becomes tight)	1	•Participants must take off from lowest step that they can reach.	Yes
Condition: Rough surface at dismount end	8	E	As feet may be used for breaking at dismount end, all participants must where shoes	1	•Crocs and other loose slip-on footwear are not permitted.	Yes
People: Impairment of Supervisor	6	E	CYC Staff to look out for signs of impairment	3	CYC reserve the right to close this activity if these instructions are not followed.	Yes



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Equipment: Damage to equipment	6	M	CYC Staff to check prior to putting out gear and note any maintenance or wear and tear Check once a month during Activity monthly checks	1	•Keep harnesses and other flying fox equipment clean and place in a locked container, in a dry area, when not in use.	Yes
Environment: Uneven track, Slippery surface when wet	4	M	On daily and monthly check list to check condition of track and cover slippery surfaces with astroturf when needed	1	•CYC instructor will go through the daily pre-inspection checklist.	Yes
Emergency procedures Stop activity, assess situation, administer first aid, call emergency services if necessary, notify camp organisers and camp staff, and fill out an incident form when practicable.						
Equipment		12 harnesses, 3 pulleys with back up, 1 safety rope for participant/trolley, 1 safety rope for Supervisor, pole, crates/step and offload rope Activity SOPs Rescue Equipment available in Gym & Office (but to only be used by CYC Instructors)				
Competencies for Activity Sign Off		• Be able to manage a group of participants 2:12 • Follow the Activity SOPs • Looking out for unsafe actions • Know where to get help/locate CYC Staff or group organizers • Demonstrate correct use of Flying Fox gear - Harnesses, Pulley, Karabiners, Straps • Demonstrate correct procedures • Read and understand Instructions • Observe instructor for 2 participants • Be observed by instructor for 3 participants				
Final decision on implementing activity		ACCEPTED by CYC Director				
Comments Circumstances can change quickly, supervisors need to be diligent in their task, and respond as needed. Any trainee supervisors that are seen to be operating outside of SOPs or do not seem fit to run activity will not be signed off by CYC Instructor. CYC reserve the right to close this activity.						