

**CYC The Island**  
**Giant Swing – Risk Management Plan**

<b>School:</b>	<b>Year Level:</b>
<b>Supervising teachers / staff:</b>	<b>Dates:</b>
<b>Program / Excursion:</b>	<b>Location:</b>

For an explanation of risk management terminology and to ensure you understand how the rating / grading system is determined please ensure you have read the **CYC Activity Risk Profile** document.

The Giant Swing Risk Management Plan contains the Giant Swing specific risks, control measures and gradings, as well as the gradings of all general risks relevant for all CYC activities. Please refer to the **General Activity Hazards – Risk Management Plan** for a list of general risks and control measures relevant for all CYC activities.

Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
<b>Entanglement</b> Hair and jewellery	<ul style="list-style-type: none"> <li>Long hair to be tied back in a low style so the helmet may be fitted correctly</li> <li>There should be no loose jewellery or objects worn that may become entangled</li> <li>Clothing should be tucked away under the harness</li> </ul>	Unlikely	Minor	Satisfactory
<b>Crushing</b> 1. Participants finger jammed in carabiner	<ul style="list-style-type: none"> <li>Swingers are directed to hold onto strop in the designated area, and keep hands well away from the carabiners</li> </ul>	Rare	Minor	Satisfactory
2. Instructors finger jammed in carabiner	<ul style="list-style-type: none"> <li>If carabiner becomes cross loaded when participant steps off the ladder ask them to step back onto the ladder to fix this (don't try to re-align a cross-loaded carabiner when it is under tension)</li> </ul>	Rare	Minor	Satisfactory
<b>Friction</b> 1. Rope burn to haul team	<ul style="list-style-type: none"> <li>Instructor to provide clear haul team instructions to group prior to and during activity</li> <li>Ensure there are enough participants in the haul team to share the load</li> </ul>	Unlikely	Minor	Satisfactory
2. Rope burn to instructor	<ul style="list-style-type: none"> <li>If hauling team let go of haul rope early, the instructor should immediately let go of the return rope</li> </ul>	Unlikely	Minor	Satisfactory
3. Harness chaffing due to inappropriate clothing	<ul style="list-style-type: none"> <li>An outline of suitable clothing requirements is provided to participants</li> <li>Participants are asked to change clothing if inappropriate for activity (skirts, very short shorts and midriff tops are not suitable when wearing a harness)</li> </ul>	Unlikely	Insignificant	Satisfactory
<b>Striking</b> 1. Swinger hitting – ladder	<ul style="list-style-type: none"> <li>Instructor is to ensure the ladder is removed from the swing area as soon as the swinger steps off the ladder, and not brought back until the swinger has come to a complete stop</li> </ul>	Rare	Major	Satisfactory
2. Swinger hitting – another group member	<ul style="list-style-type: none"> <li>Instructor to inform participants to stay outside the boundary rope at all times (unless invited in)</li> <li>Instructor to be alert at all times</li> </ul>	Rare	Moderate	Satisfactory
3. The strop extension rope hitting the swinger in the face when pulling release cord	<ul style="list-style-type: none"> <li>Safety glasses and helmets are to be worn for all participants</li> </ul>	Unlikely	Insignificant	Satisfactory
<b>Slip – Trip – Fall</b> Haul team falling or tripping due to; 1. Haul team error	<ul style="list-style-type: none"> <li>Instructor to brief all participants on correct hauling team procedures</li> <li>Wear appropriate footwear. Closed toe footwear is required (thongs &amp; crocs are to be avoided).</li> </ul>	Unlikely	Minor	Satisfactory
2. Swinger pulling release rope early	<ul style="list-style-type: none"> <li>Instructor to give clear instructions to swinger immediately prior to being hauled</li> </ul>	Unlikely	Minor	Satisfactory

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<p>Swinger falling due to; 3. Inversion</p>	<ul style="list-style-type: none"> <li>• Participants are instructed not to hang upside down in the harness</li> <li>• All participants must wear a full body harness to prevent falls if inversion occurs</li> <li>• Harnesses are checked by the instructor immediately before being connected</li> <li>• Carabiner attachment points are checked immediately prior to swinger being hauled up</li> </ul>	<p>Rare</p>	<p>Catastrophic</p>	<p>Satisfactory</p>
<p><b>Equipment Failure</b> Injury caused by; 1. Incorrect use of, or worn equipment, including;  Harness / lanyards / carabiners / pulley / helmet etc.</p>	<ul style="list-style-type: none"> <li>• The instructor checks all PPE (Harness, Helmet) prior to connecting participants</li> <li>• Carabiner attachment points are double checked before hauling commences</li> <li>• Participants are attached to two independent rope lanyards</li> <li>• Program staff are trained to recognize worn or faulty equipment</li> <li>• Regular equipment checks are completed and recorded, and equipment usage is logged</li> <li>• Equipment is used, maintained, stored and replaced in accordance with recommended guidelines</li> </ul>	<p>Rare</p>	<p>Major</p>	<p>Satisfactory</p>
<p>2. Haul rope breaking</p>	<ul style="list-style-type: none"> <li>• Haul rope is checked when setting up activity</li> <li>• Haul rope is replaced every 12 months or sooner if required</li> </ul>	<p>Rare</p>	<p>Minor</p>	<p>Satisfactory</p>
<p><b>Structure Failure</b> Cable breaking or other structure failure, resulting in a fall / injury to the participant</p>	<ul style="list-style-type: none"> <li>• Periodic in-house maintenance checks are completed by trained program staff</li> <li>• Annual activity checks are completed by qualified independent professionals</li> <li>• Cable and associated hardware is replaced every four years or sooner if required</li> </ul>	<p>Rare</p>	<p>Catastrophic</p>	<p>Satisfactory</p>

**Risk Rating – Giant Swing**

All identified risks are recorded in the Risk Matrix according to the Likelihood and Consequence. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk associated to determine if further treatment is required.

X		Likelihood					
		Almost Certain	Likely	Possible	Unlikely	Rare	
Consequence	Catastrophic	80	64	48	32	16	<ul style="list-style-type: none"> <li>Slip-Trip-Fall 3</li> <li>Structure Failure</li> <li>Environmental Exposure 4</li> <li>Environmental Hazard 3</li> </ul>
	Major	40	32	24	16	8	<ul style="list-style-type: none"> <li>Environmental Hazard 1</li> <li>Inappropriate use after hours</li> <li>People – Instructor 1 &amp; 2</li> <li>People – Group Leader 2</li> <li>Striking 1</li> <li>Equipment Failure 1</li> </ul>
	Moderate	20	16	12	8	4	<ul style="list-style-type: none"> <li>People – participant behaviour</li> <li>Environmental Exposure 2</li> <li>Striking 2</li> <li>Environmental Exposure 3</li> </ul>
	Minor	10	8	6	4	2	<ul style="list-style-type: none"> <li>Slip-Trip-Fall 2</li> <li>Slip-Trip-Fall (General)</li> <li>Environmental Exposure 1</li> <li>Environmental Hazard 2</li> <li>People – participant ability</li> <li>Slip-Trip-Fall 1</li> <li>Friction 1 &amp; 2</li> <li>Entanglement</li> <li>Entanglement</li> <li>Cutting / Scratching</li> <li>Striking</li> <li>People – Group Leader 1</li> <li>Crushing 1 &amp; 2</li> <li>Equipment Failure 2</li> </ul>
	Insignificant	5	4	3	2	1	<ul style="list-style-type: none"> <li>Striking 3</li> <li>Friction 3</li> </ul>

For grading risks, scores obtained from the risk matrix are assigned grades as follows;

HIGH 20 – 80	MEDIUM 10 – 16	LOW 1 – 8
Unacceptable risk which requires immediate action to reduce or remove the hazard. <b>Senior management must be notified.</b> <b>Item should be TAKEN OFF LINE until risk reduced.</b>	Conditionally acceptable, requires short term controls and continuous monitoring.	Acceptable risk, however monitoring required ensuring risk does not escalate. Review in 12 months or if situation changes.

RMP REVIEWED BY: A Paterson

DATE: 13 / 09 / 2016

NEXT REVIEW DUE: September 2017