

**CYC Phillip Island Adventure Resort  
Flying Fox – 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 Flying Fox Risk Management Plan contains the Flying Fox 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>Friction</b> 1. Rope burn to helper at dismount area	<ul style="list-style-type: none"> <li>The instructor is to explain the dismount procedures to all group members in the pre activity briefing</li> <li>Immediately prior to departing the platform the participants are informed to drop their return rope when they have come to a complete stop at the end of the ride</li> <li>Group leader/s at dismount area must ensure bystanders don't approach the participants until they have come to a complete stop</li> </ul>	Rare	Minor	Satisfactory
2. Rope burn to bystander	<ul style="list-style-type: none"> <li>Participants will not be allowed to depart the platform until the flight path is clear</li> <li>Participants are instructed when to drop the return rope</li> </ul>	Rare	Minor	Satisfactory
3. Participant coming in contact with ground due to cable stretching	<ul style="list-style-type: none"> <li>Instructors to be observant of how close participants are to contacting with ground</li> <li>Length of lanyard is adjusted according to weight / height of participants</li> <li>Cable is re-tensioned as required by appropriate staff members</li> <li>If cable is not able to be re-tensioned in time an alternative activity is completed</li> </ul>	Unlikely	Moderate	Satisfactory
<b>Striking</b> 1. Participant hitting dismount ladder	<ul style="list-style-type: none"> <li>Instructor is to brief all leaders and group members on the communication system used (flag system or UHF Radios) and the dismount procedure</li> <li>Instructor must check visually and by the appropriate communication method that the dismount ladder is in the correct area before allowing participants to depart the platform</li> <li>Dismount ladder should not be moved until the participants have come to a complete stop</li> </ul>	Rare	Moderate	Satisfactory
2. Participant hitting vehicle, bystander or other object	<ul style="list-style-type: none"> <li>Instructor is to brief all group members and leaders on the communication system used</li> <li>Before sending participants off the platform the instructor must check the entire flight path (not just the dismount area) is clear and free of obstructions (vehicles, bystanders etc.).</li> <li>Instructor and group leaders must be alert at all times</li> <li>Signage is displayed (if required) alerting bystanders and on-site vehicles that Flying Fox is in use</li> </ul>	Rare	Moderate	Satisfactory

CYC PIAR – Flying Fox RMP

<p><b>Slip – Trip – Fall</b> 1. Participant slipping / falling whilst climbing ladder to platform</p>	<ul style="list-style-type: none"> <li>• Participants are instructed to climb the ladder carefully. One person at a time.</li> <li>• Helmet and harnesses should be fitted correctly before climbing ladder</li> <li>• Appropriate footwear must be worn</li> </ul>	Rare	Moderate	Satisfactory
<p>2. Participant or instructor slipping / falling while on platform</p>	<ul style="list-style-type: none"> <li>• Instructor is connected to a safety lanyard at all times when on the platform</li> <li>• Instructor connects the participants to a safety lanyard as they reach the top of the ladder</li> <li>• The participants safety lanyard is not disconnected until the Flying Fox lanyard has been connected</li> </ul>	Rare	Major	Satisfactory
<p>3. Participant falling off Flying Fox whilst riding</p>	<ul style="list-style-type: none"> <li>• Participants are wearing a full-body harness that is designed to prevent falling if inversion occurs</li> <li>• Participants are connected to the strop with two independent auto locking carabiners</li> <li>• Participants are instructed to hold onto the lanyard in front of them and not touch the carabiners</li> </ul>	Rare	Major	Satisfactory
<p>4. Fall from dismount ladder</p>	<ul style="list-style-type: none"> <li>• Ladder is to be checked regularly for damage (broken or cracked welds, wheels etc.)</li> <li>• Ladder is only to be used in the designated tracks</li> <li>• Ladder should be held steady when someone is climbing up/down and a participant is being disconnected</li> <li>• Participants and leaders are to walk down the ladder backwards whilst holding the handrails</li> <li>• Nobody should be riding the ladder whilst it is moving</li> </ul>	Rare	Moderate	Satisfactory
<p><b>Equipment Failure</b> Injury caused by incorrect use of, or worn equipment. Including;  Harness / lanyards / carabiners / pulley / helmet etc.</p>	<ul style="list-style-type: none"> <li>• The instructor completes a check of all PPE (Harness, Helmet) and other equipment (Carabiners, Lanyard) immediately prior to each participant departing the platform</li> <li>• Program staff are trained to recognize worn or faulty equipment</li> <li>• Regular equipment checks are completed and recorded by site program staff</li> <li>• Equipment is used, maintained, stored and replaced in accordance with manufacturer guidelines</li> <li>• Activity and equipment usage is logged</li> </ul>	Rare	Major	Satisfactory
<p><b>Structure Failure</b> Injury caused by;  Cable breaking or other structure failure</p>	<ul style="list-style-type: none"> <li>• A visual inspection of the Flying Fox structure and area is completed prior to use</li> <li>• Periodic in-house maintenance checks are completed by qualified site staff</li> <li>• Annual activity checks are completed by independent qualified professionals</li> <li>• If structure is unsafe the activity is not to be undertaken until the issue has been rectified</li> </ul>	Rare	Catastrophic	Satisfactory

**Risk Rating – Flying Fox**

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>• <b>Structure Failure</b></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>• <b>Equipment Failure</b></li> <li>• <b>Slip-Trip-Fall 2 &amp; 3</b></li> </ul>
	Moderate	20	16	12	8	4	<ul style="list-style-type: none"> <li>• People – participant behaviour</li> <li>• <b>Friction 3</b></li> <li>• Environmental Exposure 2</li> <li>• <b>Striking 1 &amp; 2</b></li> <li>• <b>Slip-Trip-Fall 1 &amp; 4</b></li> <li>• Environmental Exposure 3</li> </ul>
	Minor	10	8	6	4	2	<ul style="list-style-type: none"> <li>• Slip-Trip-Fall</li> <li>• Environmental Exposure 1</li> <li>• Environmental Hazard 2</li> <li>• People – participant ability</li> <li>• <b>Entanglement (F/Fox)</b></li> <li>• Entanglement (General)</li> <li>• Cutting / Scratching</li> <li>• Striking</li> <li>• People – Group Leader 1</li> <li>• <b>Friction 1 &amp; 2</b></li> </ul>
	Insignificant	5	4	3	2	1	

NB: All risks in **bold** are Flying Fox specific risks. All other risks are from the General Activity Hazards RMP and are therefore relevant for all activities.

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.