

School: \_\_\_\_\_ Year: \_\_\_\_\_ Dates: \_\_\_\_\_

Program: \_\_\_\_\_ Supervising Staff: \_\_\_\_\_

## Activity Context

The flying fox at Lutanda Toukley involves participants starting from a pole mounted platform and riding a zipline through around 100 metres of rainforest to a sloping ramp. They are required to disconnect themselves from the flying fox and bring it back to the start with a retrieval rope. The flying fox encourages good communication skills, facing fears, and working in a group.

This document contains the specific risks, control measures and grading for the flying fox activity. Please refer to the document **General Activity RMP – Lutanda Toukley** for a list of general risks and control measures relevant for all Lutanda Toukley activities, as well as risk rating information.

## Risk Management Plan

Risk Description	Existing Control Measures	Risk Rating (with controls)		
		Likelihood	Consequence	Rating
<b><i>Flying Fox Specific – Risk factors specifically associated with the flying fox activity at Lutanda Toukley</i></b>				
<b>Fall from height</b> <ul style="list-style-type: none"> <li>By participant</li> <li>By leader</li> </ul>	<ul style="list-style-type: none"> <li>Participants wear safety harnesses while on the ladder / platform / flying fox</li> <li>Participants attached to safety line while climbing ladder and on platform</li> <li>Activity Leader attached to safety line while working from platform</li> <li>Equipment rated and maintained for loads well above actual load placed upon it</li> </ul>	Rare	Catastrophic	Medium
<b>Slipping/Tripping</b> Around the activity area	<ul style="list-style-type: none"> <li>Stairs provide access to upper and lower levels of flying fox run</li> <li>Platform and start area kept free of sticks etc.</li> <li>Bottom of platform area mulched</li> <li>Flying fox trail and ramp well marked</li> </ul>	Possible	Minor	Medium
<b>Impact</b> To participant on flying fox To another person below the flying fox	<ul style="list-style-type: none"> <li>Flying fox designed to slow as it reaches ramp</li> <li>Participants briefed on safety areas, including flying fox return trail</li> <li>Flying fox line and return trail clearly defined</li> </ul>	Unlikely	Minor	Low
<b>Impact</b> To participant on ramp	<ul style="list-style-type: none"> <li>Flying fox designed to slow as it reaches ramp</li> <li>Participant briefed on correctly landing on ramp</li> <li>Handles provided to help participants face forward to ramp</li> </ul>	Possible	Minor	Medium
<b>Entanglement</b> <ul style="list-style-type: none"> <li>Hair</li> <li>Fingers</li> </ul>	<ul style="list-style-type: none"> <li>Long hair is to be tied back for the activity</li> <li>Participants briefed on where to place hands on pulley/strops</li> <li>Flying fox pulley has handles for hand placement</li> </ul>	Unlikely	Moderate	Medium
<b>Falling Objects</b>	<ul style="list-style-type: none"> <li>No loose equipment kept on platform</li> </ul>	Unlikely	Minor	Low

Flying Fox Risk Management Plan – Lutanda Toukley

Risk Description	Existing Control Measures	Risk Rating (with controls)		
		Likelihood	Consequence	Rating
Causing injury	<ul style="list-style-type: none"> <li>Participants briefed on safe to stand/run zones</li> </ul>			
<b>Inverting</b> Where person on flying fox flips upside down	<ul style="list-style-type: none"> <li>Participants wear full body harnesses that reduce chance of falling from inversion</li> <li>Proper harness fitting demonstrated, and harnesses checked for each participant prior to activity</li> <li>Full body harness attachment point designed to prevent inverting</li> </ul>	Possible	Moderate	Medium
<b>Equipment Failure</b> Due to improper use, faulty / damaged equipment  Ropes, hardware, personal protective equipment	<ul style="list-style-type: none"> <li>Activity Leaders trained in selection, use, inspection, care &amp; maintenance of activity equipment</li> <li>Activity Leaders perform check of equipment prior to each activity</li> <li>Participants briefed on proper use of equipment</li> <li>All equipment clearly stored and labelled for intended activity</li> <li>Equipment regularly inspected and maintained</li> <li>Equipment stored, maintained and retired according to manufacturer instructions</li> <li>Equipment used certified by manufacturer as suitable for use</li> </ul>	Rare	Major	Low
<b>Structure Failure</b> Safety of the flying fox platform	<ul style="list-style-type: none"> <li>Flying fox built by qualified rigger</li> <li>Regular inspections of structure and anchors performed by qualified staff</li> <li>Yearly inspections by external assessor performed</li> </ul>	Rare	Catastrophic	Medium

### Risk Rating Matrix

All identified risks are recorded in the following risk matrix according to likelihood and consequence. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk to determine if further treatment is required.

Likelihood	Consequences				
	1 - Insignificant	2 - Minor	3 - Moderate	4 - Major	5 - Catastrophic
1 - Rare	1	2	3	4 Equipment failure	5 Fall from height, structure failure
2 - Unlikely	2	4 Falling object, impact 1	6 Entanglement	8	10
3 - Possible	3	6 Slipping, inverting, impact 2	9	12	15
4 - Likely	4	8	12	16	20
5 - Almost certain	5	10	15	20	25

### Risk Treatment

<b>1-4 Low Risk</b> <ul style="list-style-type: none"> <li>Risk does not generally need to be managed any further (current controls are adequate), however the risk needs to be monitored for changes in circumstances and current control effectiveness.</li> <li>Risk generally may be accepted.</li> </ul>	<b>10 -14 High Risk</b> <ul style="list-style-type: none"> <li>Risk is unacceptable, risks must be further treated or removed to bring rating to medium</li> <li>Risks are to be re-assessed by Activities Manager</li> </ul>
<b>5-9 Medium Risk</b> <ul style="list-style-type: none"> <li>Risk needs to be regularly monitored for any changes and control/treatment effectiveness.</li> <li>Risk may be accepted after consideration.</li> </ul>	<b>15+ Extreme Risk</b> <ul style="list-style-type: none"> <li>Unacceptable risk, urgent attention is required to treat or remove risks</li> <li>Management to consider elimination of activity</li> </ul>

Risk Assessment Conducted by: *Program Manager, Lutanda Toukley*

Date of Risk Assessment: *9<sup>th</sup> May 2019*

Date of Review: *May 2020*