

FLYING KIWI (FK)

LOCATION / ENVIRONMENT	OYC High Ropes Course – Flying Kiwi Section			
EQUIPMENT REQUIRED	1. Climbing Helmets 2. Full Body Harnesses (FK) 3. Climbing Harnesses (CT + FK)	4. Belay Master Karabiners 5. Static Rope 6. Structure 7. First Aid Kit		
MAINTENANCE AND INSPECTION	<p>1. Helmets: Checked prior to each use and included in monthly kit check.</p> <p>2. Full Body Harnesses: Monthly Inspection as per guidelines</p> <p>3. Climbing Harnesses: Monthly Inspection as per guidelines</p> <p>4. Karabiners: Monthly Inspection as per guidelines</p> <p>5. Ropes: Monthly Inspection as per guidelines</p> <p>6. Structure: Monthly Inspection as per guidelines, including checking of all wire rope clamps, pulleys, turnbuckles and mallions. Check security of anchor covers before each use.</p>			
RELEVANT QUALIFICATIONS	<p>Lead Instructor: OYC Certified Flying Kiwi Instructor</p> <p>Assistants: OYC certified volunteer</p>			
NGB GUIDELINES	Not Applicable			
		LIKELIHOOD OF OCCURRING IN NEXT YEAR	IMPACT IF OCCURS	OVERALL SCORE
		1 = Low, 2 = Med, 3 = High		
POTENTIAL RISKS	1. Fall from a height 2. Hair caught in pulleys on top cable 3. People being pushed too far too fast 4. Injury to groin from harness. 5. Cuts and grazes	1 1 2 2 2	3 2 2 1 1	3 2 4 2 2
CAUSAL FACTORS	<p>1. Insufficient numbers pulling on FK. Pullers letting go of the rope once person is in the air. Insufficient briefing on how the activities work. Equipment failure (broken ropes, karabiners, harnesses). Failure of structure.</p> <p>2. Over exuberant pulling on FK. Poor control of pulling team. Insufficient briefing prior to activity commencing.</p> <p>3. Poor group control. Pulling team not following instructions.</p> <p>4. Rough edges on harness straps and leg straps not done up correctly.</p> <p>5. Pullers tripping over while pulling.</p>			

	6. Flying Kiwi tripping while running.
RISK MANAGEMENT STRATEGIES	<p>1. The number of pullers for the operation of the FK will be 8. All pullers will be attached to the rope by means of a sit harness, a locking karabiner and appropriate knots tied in the rope (e.g. alpine butterfly). Participants will be given full briefing of the activity before it commences, and made aware of the dangers of fooling around with these activities. Particular attention will be given to the lower of a person from the FK. All equipment will be checked as part of the monthly inspections, as well as prior to the session commencing. All harnesses and helmets will be checked before participants are allowed on the course. The structure will be checked monthly in accordance with the guidelines provided by the certifying engineer.</p> <p>2. The pullers on the FK will be given verbal instruction on when to stop running by the instructor in charge. Cones may also be laid out to show pullers when to stop, and an instructor will be placed at the front and rear of the pulling team to keep good control. A stopper knot will be tied in the rope above the flyer with a drilled hockey ball above it, which will limit the pull when it hits the pulley at the top. Helmets will be worn by all participants.</p> <p>3. Ensure that participants are given time to get used to being pulled up, and that progression is made at a rate that suits the participant. Always allow the participant to set the pace! Ensure that participants understand the importance of respecting the flyers wishes before commencing the activity.</p> <p>4. Ensure harness is fitted well and straps done up as tightly as possible.</p> <p>5. Kiwi will be told clearly to keep running and not to try to jump or dive onto the rope. Check running areas for both the pullers and the flyer for trip hazards before each use.</p>
SAFETY BRIEFING TO INCLUDE:	<ul style="list-style-type: none"> ● It is important to concentrate on the job at all times, as inattention could result in a serious accident ● Helmets to be worn at all times while attached to the rope ● Point out the safe area for participants who are not actively involved in the exercise. ● Tie back hair before flying

CRATE BUILDING (CB)

LOCATION / ENVIRONMENT	OYC High Ropes Course – Flying Kiwi Section			
EQUIPMENT REQUIRED	1. Climbing Helmets 2. Full Body Harnesses 3. Climbing Harnesses	4. Belay Master Karabiners 5. Static Rope 6. Structure 7. First Aid Kit 8. Crates		
MAINTENANCE AND INSPECTION	<p>1. Helmets: Checked prior to each use and included in monthly kit check.</p> <p>2. Full Body Harnesses: Monthly Inspection as per guidelines</p> <p>3. Climbing Harnesses: Monthly Inspection as per guidelines</p> <p>4. Karabiners: Monthly Inspection as per guidelines</p> <p>5. Ropes: Monthly Inspection as per guidelines</p> <p>6. Structure: Monthly Inspection as per guidelines, including checking of all wire rope clamps, pulleys, turnbuckles and maillons. Check security of anchor covers before each use.</p> <p>7. Crates: Monthly check for broken crates</p>			
RELEVANT QUALIFICATIONS	<p>Lead Instructor: OYC Certified High Ropes Instructor</p> <p>Assistants: OYC certified volunteer</p>			
NGB GUIDELINES	Not Applicable			
		LIKELIHOOD OF OCCURRING IN NEXT YEAR	IMPACT IF OCCURS	OVERALL SCORE
		1 = Low, 2 = Med, 3 = High		
POTENTIAL RISKS	1. Fall from a height 2. Crates falling on participants 3. Fingers being trapped between crates 4. Injury to groin from harness. 5. Cuts and grazes	1 2 2 2 2	3 2 2 1 1	3 4 4 2 2
CAUSAL FACTORS	<p>1. Inadequate belaying.</p> <p>2. Insufficient briefing on how the activities work.</p> <p>3. Participants passing crates too close to crate stack.</p> <p>4. Rough edges on harness straps and leg straps not done up correctly.</p> <p>5. Crate builders falling on to crates.</p>			
RISK MANAGEMENT STRATEGIES	<p>1. Ensure that rope is kept tight by belayer. Some slack will be necessary in order to permit reaching of crates.</p> <p>2. The members of the group passing crates to the builders must be outside a circle of cones placed around the crate stack Helmets will be worn by all participants.</p> <p>3. Ensure that participants passing crates do not attempt to build the crate stack . Only the climbers are allowed to place crates on the crate stack.</p> <p>4. Ensure harness is fitted well and straps done up as tightly as possible.</p> <p>5. Participants told to stand clear when the crate stack is about to</p>			

	<p>collapse. Belayers to ensure that crate builders are lowered gently to the ground and on to crates.</p>
SAFETY BRIEFING TO INCLUDE:	<ul style="list-style-type: none">• It is important to concentrate on the job at all times, as inattention could result in a serious accident• Helmets to be worn at all times while attached to the rope• Point out the safe area for participants who are not actively involved in the exercise.• Tie back hair before flying