

Risk Assessment – Skyclimb

Baseline	<input checked="" type="checkbox"/>	Site Specific	<input type="checkbox"/>	Vulnerable Person	<input type="checkbox"/>	Temporary	<input type="checkbox"/>
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Produced by:	Leigh Phillips	Date of issue:	18/01/2019	Review date:	18/01/2020
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Operating notes:

- Skyclimb should be understood to refer to activities within Kingswood whereby a participant is using the Aerial Tech Smart self-belay system. This activity is only delivered at Grosvenor Hall.
- This risk assessment does not cover Kingswood staff accessing the structure for routine inspection and maintenance. Please see the ‘Work at Height inspections / maintenance’ risk assessment.
- Structure and equipment must be managed as per the Kingswood Equipment Management Standards.
- 2 Activity Leaders to 15 participants with 1 additional adult supervising group (max size 15)
- There should be a maximum of 1 active participant per element at any one time
- **Participants** - The Skyclimb activity should not be used by anyone that is/has:
 - Weight over 120kg / 18.5 Stone
 - Pregnant (unless doctor’s advice has been sought)
 - Any type of heart condition or heart-related issues (unless doctor’s advice has been sought)
 - Any type of spinal injury or weak spine condition (unless doctor’s advice has been sought)

Qualifications/ Competence:

- Activity Leaders must be in-house assessed by an MIA or ERCA trainer; or have a relevant NGB qualification plus approval from the internal advisor; or be a Kingswood Ropes Trainer as approved by the internal technical advisor
- The Nominated Chief Instructor must be onsite during all roped activity operations; they must hold a relevant NGB award.
- All Activity Leaders must have their first session observed and then frequently as per the observation standards.
- All Activity Leaders are required to maintain their skill level and must attend a rescue refresh every 3 months and after lengthy periods of shut down.

Risk – Benefit Statement:

There is a low ‘real’ risk of injury during Aerial Runway but a high ‘perceived’ risk allowing a greater basis for learning.

Hazard Description and activities giving rise to risk	Who may be harmed	Control Measures	Risk Rating
Adverse weather – Lightning or High Winds	All	<ul style="list-style-type: none"> • All staff must follow the ROSPA 30/30 rule for lightning. • If lightning occurs suddenly then the group should vacate the area immediately. 	Low

Hazard Description and activities giving rise to risk	Who may be harmed	Control Measures	Risk Rating
Unauthorised access	All	<ul style="list-style-type: none"> Access points to roped activity structures must be secured against casual or unauthorised access when the equipment is not in use. All groups are briefed to stay off all activity equipment unless supervised by a Kingswood Activity Leader. 	Low`
Unsecure attachment to safety rope or Incorrectly fitted equipment	All	<ul style="list-style-type: none"> Check the participants PPE and that they are securely attached to the smart self-belay device before allowing them to leave the ground. This check should be visual for all group members to see. Where an activity specifies that a helmet must be worn, every effort must be made to get participants to wear one. However, this may present difficulties for those who wear a turban or other similar head covering. Participants in this activity who are wearing a full 'pagri' turban are exempt from wearing a helmet, as the turban should control sufficiently the risks that the helmet would otherwise guard against. This exemption does not apply to participants who are wearing a 'patka' or lighter cloth head covering, with or without a top-knot. These individuals must wear a helmet, and provision should be made for a private area where these participants can remove or adjust their patka in order to fit the helmet. Where a turban is worn in place of a helmet, special care must be taken to ensure that there is no risk of any loose cloth getting entangled in equipment or apparatus. 	Low
Impact with ground or other obstacle	Participants	<ul style="list-style-type: none"> Ensure the landing zone is free from any obstacles and other users when using the final Zip Wire. Check secure attachment before the participant leaves the first platform. Once attached the participant is unable to detach themselves without physically untying their knot. Participant lanyards should be kept as short as possible to minimize the distance of a fall. Brief the participants that if they are to slip from the obstacle they are likely to bump into the surrounding obstacles. Pea gravel must be in place to absorb impact during landing. The landing zone must be well maintained and regularly raked. Pea gravel will naturally migrate from the landing zone and therefore must be topped up / replaced when necessary. Brief the participants on the appropriate landing techniques. 	Low
Entrapment	All	<ul style="list-style-type: none"> Brief and check the participant has tucked away and secured any loose or baggy clothing. Brief and check the participant has removed any large or dangly jewellery. Brief and check the participant has tied back / secured long hair The Activity Leader must check themselves for the above as well 	Low

Hazard Description and activities giving rise to risk	Who may be harmed	Control Measures	Risk Rating
Fall from height	All	<ul style="list-style-type: none"> Brief the participants on the correct way to access the platform Anyone operating at height must be suitably attached to a safety line. 	
Activity Leader double unclip (falling)	Activity Leader	<ul style="list-style-type: none"> You must use the system as trained and negotiate the course in a controlled and safe manner. To enable the Activity Leader to negotiate the course and bypass participants a fall arrest lanyard system is used 	Low
Panic & refusal / inability to descend	All	<ul style="list-style-type: none"> All Activity Leaders must be trained and assessed to carry out a “passive procedure” and lower participants to the ground where needed. Where possible, stuck participants should be assisted back to a platform. Where an individual is unable to be lowered to the ground the Activity Leader must execute the “Active Rescue” as trained. The second Activity Leader must control the rest of the group and maintain communication with the rescuer throughout the process. 	Low