

## Risk Assessment – Skyclimb

<b>Baseline</b>	<input checked="" type="checkbox"/>	<b>Site Specific</b>	<input type="checkbox"/>	<b>Vulnerable Person</b>	<input type="checkbox"/>	<b>Temporary</b>	<input type="checkbox"/>
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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 (285lbs)
  - 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 every 6 weeks 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"> <li>• All staff must follow the ROSPA 30/30 rule for lightning.</li> <li>• If lightning occurs suddenly then the group should vacate the area immediately.</li> </ul>	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"> <li>Access points to roped activity structures must be secured against casual or unauthorised access when the equipment is not in use.</li> <li>All groups are briefed to stay off all activity equipment unless supervised by a Kingswood Activity Leader.</li> </ul>	Low`
Unsecure attachment to safety rope or Incorrectly fitted equipment	All	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> </ul>	Low
Impact with ground or other obstacle	Participants	<ul style="list-style-type: none"> <li>Ensure the landing zone is free from any obstacles and other users when using the final Zip Wire.</li> <li>Check secure attachment before the participant leaves the first platform. Once attached the participant is unable to detach themselves without physically untying their knot.</li> <li>Participant lanyards should be kept as short as possible to minimize the distance of a fall.</li> <li>Brief the participants that if they are to slip from the obstacle they are likely to bump into the surrounding obstacles.</li> <li>Pea gravel must be in place to absorb impact during landing.</li> <li>The landing zone must be well maintained and regularly raked.</li> <li>Pea gravel will naturally migrate from the landing zone and therefore must be topped up / replaced when necessary.</li> <li>Brief the participants on the appropriate landing techniques.</li> </ul>	Low
Entrapment	All	<ul style="list-style-type: none"> <li>Brief and check the participant has tucked away and secured any loose or baggy clothing.</li> <li>Brief and check the participant has removed any large or dangly jewellery.</li> <li>Brief and check the participant has tied back / secured long hair</li> <li>The Activity Leader must check themselves for the above as well</li> </ul>	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"> <li>Brief the participants on the correct way to access the platform</li> <li>Anyone operating at height must be suitably attached to a safety line.</li> </ul>	
Activity Leader double unclip (falling)	Activity Leader	<ul style="list-style-type: none"> <li>You must use the system as trained and negotiate the course in a controlled and safe manner.</li> <li>To enable the Activity Leader to negotiate the course and bypass participants a fall arrest lanyard system is used</li> </ul>	Low
Panic & refusal / inability to descend	All	<ul style="list-style-type: none"> <li>All Activity Leaders must be trained and assessed to carry out a “passive procedure” and lower participants to the ground where needed.</li> <li>Where possible, stuck participants should be assisted back to a platform.</li> <li>Where an individual is unable to be lowered to the ground the Activity Leader must execute the “Active Rescue” as trained.</li> <li>The second Activity Leader must control the rest of the group and maintain communication with the rescuer throughout the process.</li> </ul>	Low