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Name of activity	Aerial Runway		Reference number							
Location of activity	North Centre		Ratio for activity			2:12				
Level of qualification needed to lead	RCI assessment. Separate in house training and assessment directed by MIC MIA UIAGM Mountain Guide ERCA Instructor provider, the lead must also separately complete the wire rescue practical module and sign off.									
Level of qualification needed to second	RCI/CWI training. Separate in house training and assessment including having generic belay assessment assessed by MIC MIA IFMGA Mountain Guide ERCA Instructor provider									
This document must be read in conjunction with	<u>Standard Operating Procedures</u>									
Key: L – Likelihood, S – Severity, R – Risk					Risk Score 1- 2 = Low 3- 4 = Medium 5- 6 = High					
Activity Description	Foreseeable Hazard	Who might be harmed and how?	L	S	R	Control measures	L	S	R	
Climbing the Ladder	Falling climbing ladder	Any body climbing the ladder impact or bodily injury, trapped leg in ladder rungs	2	3	5	Instructors briefing management of climber’s safety rope kept tight	1	3	4	
Waiting on the platform	Falling	Any body on platform fall from platform serious impact injuries possible fatality	2	3	5	Anchored to platform or belayed by Instructor at all times Instructor vigilance	1	3	4	
Entering tower and climbing ladder	Falling climbing ladder with out safety rope	Anybody climbing the ladder without a safety rope fall from height serious injury or fatality	2	3	5	Gate closure system to ensure no entry preventing climbing with out safety rope with supervision	1	3	4	
Climbing the ladder	Dropped falling equipment or object	Anybody on or at foot of ladder injured by falling object	2	3	5	Everybody wears Helmet Instructor hazard briefing	1	3	4	



Activity Description	Foreseeable Hazard	Who might be harmed and how?	L	S	R	Control measures	L	S	R
Pulling haul bag with pulley to the platform	Pulley being dropped from the bag	Those at foot of platform both haulers and potentially on the abseil tower. Injury potentially serious from falling pulley	2	3	5	Everybody in the hazard fall zone wearing helmet. Clip pulley to the haul bag on every occasion	1	3	4
Sliding down the wire	Pulley jamming or bearing seizing	Person on the wire descending stuck in mid air	2	2	1	Runway equipment checked monthly and pulley replaced annually	1	3	4
Sliding down the wire	Swing up contact with wire	Person on the wire, contact with wire, bodily injury	2	2	4	Helmet, long cow's tail attachment. Wire height and tension monitored	1	2	3
Sliding down the wire	Hit dismount Trolley	Collision with dismount Trolley by slider impact bodily injury	2	3	5	Staff training hazard awareness. Dismount Trolley clipped to fence when not in use. Instructor to stand in the Trolley dismount location to signal Instructor on the Tower Platform Instructor coms	1	3	4
Sliding down the wire	Contact or hit by stander under the wire	Injury to person standing under wire and slider coming down the wire hitting them	2	2	4	Group control and observation by lead and second at dismount area	1	2	3
Sliding down wire or waiting under or near the wire	Wire Failure	Instructor and group and slider serious injury or fatality	2	3	5	Regular checks and equipment safety inspection regime	1	3	4



Activity Description	Foreseeable Hazard	Who might be harmed and how?	L	S	R	Control measures	L	S	R
Sliding down the wire	Equipment Failure or misuse	Instructor or group member falling from height or being struck by equipment falling from height	2	3	5	Training correct use of PPE/FPE equipment. Regular checking process. All equipment is checked fit for purpose	1	3	4
Accidental detachment from the safety system	Fall from height failure of Knot or Karabiner incorrect harness fitting	Instructor or group member, serious impact injury or fatality	2	3	5	Training in correct use and fitting of all PPE/FPE equipment	1	3	4
Sliding down the wire	Unsupervised use access	Anybody accessing the tower or wire unsupervised or un authorized serious injury or fatality	2	3	5	Tower access is locked and closed off. Bottom area off runway full visibility and signed.	1	3	4
During the whole Activity	Proximity of other Activities	Instructor or group member distracted at a critical moment serious injury or fatality	2	3	5	Hazard awareness and vigilance by Instructor. Importance of SOPs and danger of human error	1	3	4
While on the Platform	Weather wet slippery cold or lightning strong wind or storm	Instructor or group member slip, burn or electrocuted, mild first stage hypothermia, Instructor could be there protracted period of time	2	3	5	Check and watch weather monitor and manage appropriate clothing layers Instructor and group	1	3	4



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During the whole activity	Fall from height	Instructor makes human error mistake repetitive task loss of concentration to many sessions consecutively. Bodily injury possible fatality	2	3	5	Vigilance and awareness of the importance of the operational safety check system's when running a repetitive task, no more than two lead sessions without a break change	1	3	4
Sliding down wire	Wire collapse fall from height vandalism or tampering with the anchor system's	Instructor or any member of the group bodily injury of fatality	1	3	4	Physical check of anchors both as part of regular maintenance and safety checking regime as well as by the lead Instructor at the start of each session	1	3	4
Operating activity	Student is not connected to safety rope correctly and falls, Student launched when wire not clear collision with trolley	Participants if not correctly attached to safety system or released down runway when not all clear fall or impact with trolley serious injury or fatality	2	3	5	Activity not to operate in the dark. Instructor keeps to SOPs	1	3	4
Written by: Mike Margeson			Date November 2011			Signature Mike Margeson			
Reviewed by: Mike Margeson following incident			Date August 2012			Signature Mike Margeson			
Reviewed by: Mike Margeson			Date December 2016			Signature Mike Margeson			
Reviewed by: Mike Margeson			Date December 2017			Signature Mike Margeson			
Reviewed by: Mike Margeson			Date November 2018			Signature Mike Margeson			

