

Extreme Adventure Ltd – Risk Assessment

Activity- Free Fall Stunt Bag

What are the Hazards which cause:	Who/what may be harmed? (give specific of people e.g. staff, visitors, users or contractors)	What is done now? (i.e. provision of training, corporate and local standards, codes of safe working practice, supervision, monitoring systems)	What is the rate of Risk? (Rate risk as Low, Medium or High)	What action needs to be taken? (the needs to be considered in that the risks are identified and effectively controlled)	By when? (what is the target date for completion)
Fall from height whilst building Stunt Jump Tower	Employees	Use of ropes and platforms to build Stunt Tower. Staff are always clipped to the tower so in the event of a fall they only drop 10cms	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Employee trained in safe climbing practices and company procedures, at least 1 member of staff to be PASMA trained.	Ongoing
Person slips and falls while ascending/descending stairway on Stunt Tower.	Participants/Employees	Non-slip stair treads used to prevent slipping. Handrail provided full length of stairway. Staff control the number of participants on stairway / platform at a time.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 6 MEDIUM	Employees need to control the number of Participants allowed onto the equipment and instruct those climbing the steps to take their time and not to run.	Ongoing
Participant injured due to bag not properly inflated	Participants/Employees	The activity has a been specially designed with inflatable fingers under the bag cover. The operators are trained to detect the pressure in the bag from the way it sits. If the pressure drops the operators do not release a user.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Staff are trained on the proper use of inflation of the bag and checking the bag is correctly inflated.	Ongoing

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Dated 3/11/2019

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Injury from Tower Structure	Participants/Instructors	Use of high quality materials and construction of parts. All sharp edges and burrs have been removed and rounded edges given to equipment. Tower inspected on annual basis.	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Every participant is given a safety briefing on the use of the Free Fall Stunt Bag and any actions considered dangerous by the Instructors will result in that person being removed from the activity	Ongoing
Participant choking on food or gum and being injured by being intoxicated	Participants/Instructors	All Participants are instructed to remove any chewing gum or food from their mouth. No one is allowed onto the activity if they have drunk alcohol/used Drugs	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Vigilance by staff	Ongoing
Suspension injury from loose jewellery or other loose item	Participants/Instructors	All participants to remove all jewellery and loose clothing and empty pockets. Remove shoes.	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Training and Supervision	Ongoing
Participant freezing on the Launch platform	Participants	A standard procedure is followed to escort the participant back to main platform area and then back to the ground	Severity of Risk (S)- 1 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 3 LOW	All staff trained in the use of activity and company procedure for an Emergency Escort of a user	Ongoing
Bag failing due to puncture	Participants/Instructors	As above with staff trained in checking the stunt bag so it is properly inflated	Severity of Risk (S)- 1 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 3 LOW	Inspected daily by staff. All staff are trained in what is considered to be safe and unsafe	Ongoing

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Participant injury due to Stunt Bag moving	Participants/Instructors	On set up each corner of the bag is secured in place by a 18" marquee stake or if hard ground a 40kgs weight as prescribed by the manufacture	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Staff trained in safe procedure of set up	Ongoing
Participants not suited the activity i.e. being too heavy or too small. This may result in a hazard to themselves or other users	Participants	Clear signage showing the allowable minimum heights for accompanied and unaccompanied participants are displayed. Signage also dictates the maximum weight of a user.	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Clear signage and training of staff in the procedures and policies of the company to maintain a safe operation	Ongoing
Participant colliding with another person whilst free falling	Participants	The Stunt Tower Landing zone is fenced off with fencing or rope. There must be at least a 2m gap between the bag and the fence. Exit area of activity is attended by a member of staff who directs participants to exit the area in a safe manner so as not to cause a collision with other participants. The staff member at the top will only allow the next person to jump once the landing zone is clear.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Instructors need to be vigilant at all times, and trained on proper use of the Stunt Bag	Ongoing

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Participant injury due to inexperience	Participants/Instructors	The activity has been designed to be as simple as possible. The staff are instructed on what to tell the user: <ul style="list-style-type: none"> - Aim for the target - Do not dive head first - Only land on back or backside and as flat as possible - Only one jumper at a time - Do not jump until previous jumper is clear of the bag - Do not somersault or flip - Do not jump head first 	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Staff Trained in proper use of the Stunt Bag	Ongoing
Participant injured due to jumping to soon	Participants/staff	The Stunt Tower has a gate before the exit board. This allows the instructor to control the rate of flow of people. There is also another gate at the bottom that controls the flow rate of people entering the Stunt Tower Beyond the top gate there is a diving board style exit board that allows the jumper to start directly above the Stunt Bag	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Regular inspection by staff of equipment during the day to ensure equipment is safe to use.	Ongoing

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Injury due to high winds	Employees & Participants	The equipment is not designed to be used in gusts of over 24mph. If the wind is regularly gusting above this speed then the activity is stopped until the weather improves.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Instructors need to be vigilant at all times and aware of any changing weather conditions, Wind speed to be measured every 1hr and to be recorded. Please refer to the company Wind Management Plan	Ongoing

Calculation of Risk Evaluation

Severity (S)

Severity of Risk is judged by evaluating the effects of the hazard if the risk occurs.

This is evaluated as Minor = 1, Major = 2, Serious = 3

Risk Likelihood (L)

The likelihood of the harm occurring is evaluated on the following basis:

Unlikely =1, Possible = 2, Likely = 3

Overall Risk

Overall Risk is calculated by multiplying the figure for Severity (S) x Likelihood (L). The figure calculated is related to the rate of risk as follows

1 to 3 Low, 4 to 6 Medium, 7 to 9 High

Circulation	Management, Staff & Show or Event Organisers
Assessor	A Caldwell
Date Assessed	30 th November 2019
Review Date	Every 12 months next review 3/11/2020