



## RISK ASSESSMENT FORM

Hazards & People Exposed

- |                           |              |
|---------------------------|--------------|
| 1. Employees              | 2. Visitors  |
| 3. Contractors            | 4. Customers |
| 5. Members of the public. | 6. Other     |

Company Name: <b>YGC</b>			Work Area: <b>Tingley (Mission Out)</b>			Activity/Machine: <b>Jump Pillow</b>			RA No:		
What are the hazards?	What are the consequence of the hazardous event?	Who Might be Harmed?	Risk			Current Controls (measures already in place)	Residual Risk			Future Controls (things to be implemented)	Transferred to Risk Reduction Plan Yes/No
			Severity	Likelihood	Total Risk		Severity	Likelihood	Total Risk		
<b>Fall from height:</b> structural failure	Injury: fractures, life changing injury, death	All users	5	5	25	The tower structure has been supplied and built by a specialist company to EN 15567-1. Routine visual inspections and monthly checks of the pillow are conducted and recorded. Pressure of the Pillow is checked regularly and recorded in accordance with manufactures guidelines. Findings for routine and operational inspections are recorded and monitored. If required, advise can be sought from inspector and/or technical advisors. Periodic inspections completed annually by external inspection body.	5	1	5	All routine checks to be recorded on work wallet.	Yes
<b>Power Cut to blower</b>	Rapid deflation of pillow	User	5	5	25	Power outage alarm fitted to power source. This will sound in the event of loss or lack of power to the blower. Vigilant observation of pillow for areas lacking inflation. Pressure checks completed periodically throughout operational day.	5	1	5		No

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<b>Fall from height:</b> unauthorised access	Injury: fractures, life changing injury, death	All users	5	5	25	Tower facility is supervised during operational hours by appropriately trained staff. Fencing and signage located around the structure to limit access. Tower entry point enclosed in tower and locked during park closing hours. Site secured by perimeter fence, locked gates and security alarms. Pillow fully deflated prior to employee exit at end of day.	5	1	5	Regular refresher training given as appropriate. Check completed after unauthorised access.  Routine checks to be recorded on work wallet.	<b>Yes</b>

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<b>Injury through incorrect use</b>	Injury: winding, fractures, life changing injury, spinal injury, death	All users	5	5	25	Fully inflate air bag before opening the access to jumps. Launch area is flanked by protective walls to support individual landing on the main structure/bag. Loose and sharp items must be removed from participants pockets (including large or bulky jewellery). Stamps and/or wristbands are provided for participants after demonstrating safe jump technique. Only participants with a stamp/wristband may jump from levels 2 and 3 and participants with a stamp/wristband from level 3. Any participant demonstrating poor technique will be asked to move to a lower level before re-attempting a higher-level jump. No jumping is permitted unless supervised by the instructor. Supervising staff must always have a visual overview of all jumping lanes when in use and carry a whistle to attract attention. Only one participant permitted on the pillow at any given time. Pillow must be clear of participants prior to next participant jumping. Participants must demonstrate a safe jumping technique at level 1, before progressing to higher jumps. Any participants demonstrating poor jumping technique at higher levels, must be asked to jump from level 1 prior to repeating high level jumps. Access is restricted to jump levels by instructor-controlled gates. First aiders are available onsite, and all instructors carry two-way radios. Access to the air bag can be restricted in the event of an emergency via gates and locking doors.	5	2	10	Considered fall arrest system and safety harness however this may contribute to additional injury.  Increase number of first aiders available to be able to support spinal injury (minimum 4 spinal trained persons on duty).  Improve knowledge of spinal injuries and provide additional training.	Yes

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<b>Access by non-user whilst activity in progress</b>	Injury due to improper use, collision with another participant.	All users	5	5	25	Launch area is flanked by protective walls to support individual landing on the main structure/bag. Activity supervised by trained staff when operating. Access limited at ground level by instructor presence or guard rail. Access limited on tower by gates.	5	1	5	Consider replacing guard rail with solid frame/door.	Yes
<b>Injury due to incorrect height of user</b>	Injury: winding, fractures, life changing injury, spinal injury, death	All users	2	4	8	Minimum height 120cm / 4ft restrictions apply as per manufacturers instructions. Suitability of participants should be accessed by their accompanying adult about age for those who meet the minimum height requirement. Limits may be imposed on certain platforms dependant up on ability. Height charts available both at ground and tower level to establish minimum height.	2	1	2		No
<b>Entrapment (inner air bag or inability to exit air bag)</b>	Claustrophobia, fear, minor injury	All users	2	2	4	Access to the air bag should be restricted when inflating or deflating. Inner compartments of the Air Bag should not be accessed when in use. Access to the Air Bag should be restricted if repairs are required. Air bag can be easily deflated to allow easy exit. When inspecting the inner air bag, minimum requirement 2 persons.	2	1	2		No

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<b>Excessive Fear</b>	Injury: winding, fractures, life changing injury, spinal injury, death	All users	2	2	4	Participants briefed about challenge by choice and opportunities given to opt-out prior to jump if needed. Must complete practice jump from level 1 and be jumping correctly prior to attempting higher levels. Repeated opportunities given to boost confidence and practice safe jumping technique.	2	1	2		<b>No</b>
<b>Pre-existing medical conditions</b>	Injury: winding, fractures, life changing injury, spinal injury, death	All users	5	3	15	At the time of booking, all visitors must read and agree to specific safety information. Full safety information is provided to participants at time of booking (Appendix 4 attached to this assessment). Participants with medical complications, heart, neck or back injuries should not use the Big Air Bag, this is detailed in the acknowledgement of risk. Pregnancy or suspected pregnancy is also prohibited. Accompanying adults are responsible for accessing the competence and suitability of those in their care prior to attempting Big Air Bag activity.	5	1	5	Any persons feeling unwell prior to jumping must be advised to inform supervising staff.	<b>Yes</b>

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<b>Inadequate training resulting in poor supervision of participants</b>	Injury: winding, fractures, life changing injury, spinal injury, death	All users	5	3	15	Instructors complete training in safety protocol for safe operation and read the manufacturers guidance for the activity. Instructor(s) possess the skills, knowledge, experience and judgement to supervise tasks or activities satisfactorily on the platform. Instructions are provided to each participant regarding landing technique prior to jump being made. Lead supervising staff are 18 years of age as per manufacturers guidance.	5	1	5	Implement spot checks for staff to ensure all rules are being followed.  Periodically, refresh staff ensure that questions are asked of participant to ensure correct jump knowledge.	Yes
<b>Poor weather conditions</b>	Injury: winding, fractures, life changing injury, spinal injury, death, hypothermia	All users	5	3	15	The Big Air Bag cannot operate in consistent wind speeds of greater than 19mph as per manufactures guidance. The Big Air Bag cannot operate with snow on the top cover. This must be removed before commencing operation. Extra caution should be taken in wet weather, staff to advise participants. Excessive water should be removed when possible. The Big Air Bag cannot open in temperatures outside the parameters of -20 and 35 degrees Celsius as per manufacturers guidance. In low visibility, safety cannot be guaranteed, therefore the Big Air Bag will remain closed.	5	1	5	Checked regularly during operational hours via routine inspection. Grip tape on platforms and stairs of tower.	Yes

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Date & Time:  
10/02/26

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Assessor:  
Gemma  
Constantine

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Review Date:  
10/02/27

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**Severity (nature of injury)**

1. Minor injury – no time off work
2. Minor injury – time off work
3. Injury resulting in over 7 days off
4. Major injury
5. Fatality

**Likelihood (*chance of injury occurring*)**

1. Unlikely
2. Possible
3. Likely
4. Highly like
5. Definite

S	L	1	2	3	4	5
1		1	2	3	4	5
2		2	4	6	8	10
3		3	6	9	12	15
4		4	8	12	16	20
5		5	10	15	20	25

Total Risk = Severity x Likelihood

**This risk assessment has been written based on the information supplied. It is not a bespoke risk assessment, the company must take onus for the assessment and carry out further assessment to ensure the risks, current and future controls are accurate**

