

Risk Assessment For
 AR Entertainment's
 Mount Pleasant Way
 Stokesley Business Park
 Stokesley North Yorkshire
 TS9 5NZ

ASSESSMENT UNDERTAKEN
 Date: 29-Mar-17
 Signed: R D Booth
 Equipment **Laser Quest**

ASSESSMENT REVIEW DATE:
 1st: Sept 2017
 2nd: Mar 2018
 3rd: Sept 2018
 4th: Mar 2019

LIST OF SIGNIFICANT HAZARDS

GROUPS AT RISK

EXISTING CONTROLS covered by information held

Blower/Power Failure	Participants	Operators are instructed to open the zip & get all participants out immediately
Overloading	Participants	Operators are instructed to allow a maximum of 10 similar sized players at any time.
Fire	Participants Crowd/Operator	Operators to site inflatable away from naked flames and forbid smoking in and around the inflatable
Inflatable tipping over	Participants Crowd	When on grass the inflatable is always pegged, if on concrete adequate sandbags are used to prevent movement If the operator deems it unsafe to operate due to severe wind speeds the inflatable should not be inflated
Electric shock	Operator	Electrical units are visually inspected for obvious faults, fused Ext. cables are used and equipment is P.A.T. tested once a year
Participants Colliding	Participants	No running inside the inflatable & if inside ensure lights are on to provide sufficient light
Excessive Wind	Participants	On Grass Check type of soil type under grass - clay has a lot stronger hold than sand Securely double peg all anchor points into the ground. On Hard Standing All supplied weights to be used and anchor to fixed objects if required. If wind speed exceeds 35km/h on windometer or if pegs start to move in the ground or weights start to move when in use, immediately evacuate & deflate by having power connections at the front for fast deflation until wind has dropped and operator deems appropriate to re-start.
Alien	Members of Public	Ensure securely pegged/weighted to the ground. If excessive wind on setting up, the alien is to be not used. Keep power connections to the front so power can be stopped if required.

Laser Quest

Safety Data Sheet

Equipment Required:

	No Req	In Van
Lap top	1	
2 x Inflatables & Spare Zip	2 + 1	
2 x 1.5W Electric Blowers	2	
Ext Leads, Converters and Splitter		
Generator		
Crash Mat for entrance	1	
26 Pegs and Hammer / sand bags		
6 Lights* & Torch		
Repair Kit inc. 3-6 Tie raps*	1	
Barrow + Patch diagram		
Groundsheet		
Map & Key & First aid kit	1+1+1	
Guns & Spare Batteries & Whistle	12 + 2 + 1	
Posts & Bunting or Riot Fence & Stakes		
Table + Tablecloth for guns	1	

Loading checked by:

Return loading checked by:

Event Manager

Safety Brief

1. No running around the inflatable.
2. If for any reason a participant wants to come out, tell them too bang on the entrance zip.
3. Keep guns below head height.
4. When dark, instruct participants to heed caution in darker areas.
5. If the whistle is blown before the end of the game, everyone MUST out immediately.

I am fully trained and confident in operating the **Laser Quest**, and understand the risk assessments, assembly instructions and operating instructions, and any other safety procedures related to the Laser Quest.

Signed: _____

Date: _____

Assembly Instruction:

1. Check ground for sharp protruding objects & clear or find alternative site.
2. Lay groundsheet down on required area
3. Unroll main inflatable attach 1.5w blower to 1 flange, close other tube, back & front zip
4. Inflate & anchor inflatable using either pegs or sandbags
5. Once fully inflated & securely anchored deflate & position the Alien
6. Close all 4 zips on the base of each foot, Inflate & securely anchor
7. Re-inflate the main chamber & ensure the alien is in a central position
8. Exhaust on generator to always be at a safe distance from blowers
9. Guns & crash mat at the entrance for the participants.
10. When dark, place a floodlight at each window to shine into the inflatable, and hang third light from back zip.

Operator Instructions:

1. Maximum of 10 participants at any time, of similar age, size & stature
2. No Shoes, food, drinks, chewing gum, glasses, jewellery or badges allowed in,
3. No Party Poppers, silly string or streamers to be used in or near the inflatable.
4. No pets, toys, or sharp instruments allowed in or near the inflatable.
5. Ensure that users are not pushing, colliding, fighting or behaving in a manner likely to injure or cause distress to others.
6. If the inflatable is not being used for part of the day, please switch off & deflate
7. Ensure zip entrance is closed when participants are not entering or leaving.
8. No Participants with a history of back, neck problems or heart complaint to enter
9. No participants who are feeling unwell or suffering the effects of alcohol or drugs.
10. Do not allow anyone to be one the inflatable during inflation or deflation
11. Ensure the area around the inflatable is completely clear
12. If power fails ensure all particiapnts exit the inflatable immediately
13. When starting a game, mobilise an extra gun and keep in reserve with master gun in case of battery failure.

Event Manager/Trainer: _____

Print Name: _____

Print Name: _____

Laser Quest Set up

Laptop Password: Snappy

Icombat engine username: ARents

password: snappy123

Switch on Laptop and load iCombat Engine (top left of screen) . When the next window appears, click LAUNCH.

Switch on Guns .

On next screen click 'play'.

To play Laser Quest click on "Last man standing"

Guns will be on a white back ground saying "ready". if back ground is in red and saying "offline"

replace batteries and switch back on

When all guns are 'Ready' click on "duplicate" bottom left of screen then when reloaded click "Load" bottom right screen

When the green bar is full screen will change to the game screen.

To start game press "play" button on the right and it will count down 5 sec and game will start.

End of game after taking game scores press the "back" button to restart next game next screen press "duplicate" then "load"