

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

ASSESSMENT UNDERTAKEN
 Date: 29 Mar 2017
 Signed: F R D Booth
 Equipment **Galaxy Meltdown- Ride**

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 tell participants to remain exactly where they are until the problem is resolved or the inflatable becomes safe to walk off
Overloading	Participants	Operators are instructed to only allow eight participants on the inflatable & ride at one time.
Collision when exiting the inflatable	Participants	Inflatable to have an appropriate crowd barrier at a safe distance from the exit. No spectators to sit on or around the inflatable. No Jumping over inflatable wall
Fire	Participants	Operators to site inflatable away from naked flames and forbid smoking on and around the inflatable
Inflatable tipping over	Crowd/Operator	When on grass the inflatable is pegged. No wind indoors so not a hazard.
	Participants/Crowd	When operating on hard standing/sand bags Wind Speed should not exceed 35kmh when in use, if so deflate immediately until wind has dropped and operators deem appropriate to re-start
Injury caused by contact with the motion base	Participants	PVC covered foam shape cover motion base.
Injury caused by contact with the motion system	Participants	Operators instructed to stop the ride as soon as the participant looks in discomfort and to operate at a speed which suits the participants combined ability. Always starting slowly. Stopping the ride if any of the participants are unhappy and want to exit.
Electric shock	Operator	Control unit is visually inspected for obvious faults and fused ext. cables are always used. Equipment is P.A.T tested once a year
Unauthorised use of equipment	Crowd	Switch off Isolator, press emergency stop & remove the key.
Injury from wrong riding position	Participant	Participants told to be aware of spinning boom arm. No riding or jumping on the boom arm.
Alcohol	Participant	The operator reserves the right to refuse "riders" who are intoxicated to an extent that will risk safety of themselves or others. The operator may call for assistance from the organisers to enforce this restriction.

Meltdown

Equipment required:

	No req	In Van
1.5KW Blower, Ext Leads, Splitter box	1+	
Plug converters		
1 Power Lead Silver	1	
Meltdown inflatable	1	
8 Podiums + 2 Boom Arm Covers	8 + 2	
Control Box and KEY	1+1	
Motion System + 2 bolts + handle	1+2 + 1	
4 Long Base Legs	4	
2 Steel Poles + 6 Bolts & nuts	2+6	
19mm Spanner/Adjustable/19m Ratchet		
Ride Attachments + bolt	1	
Thick Groundsheet	1	
12 Pegs & Hammer / sandbags		
1 green Square pad	1	
Repair Kit & whistle	1+1	
Transformer	1	
Ramps	2	
Map & Key & First aid kit		
Minimum height sign	1	
Generator & surge protector		
Posts & Bunting/Hazard Tape		

10. Check booms regularly for wear & tear of foam.

Foam booms should be horizontal with no pipe protrusions at any point

Assembly instructions:

- 1 Groundsheet down on required area
2. Wheel motion system into position DO NOT PEG MOTOR DOWN
3. Remove wheels and insert legs 25mm past the bolt & tighten.
4. Connect power lead to motion system and run to control box with control unit in most logical position for safe operation. (**Entrance**)
5. Pull inflatable over the motion system, pull into position **must be equally positioned around motor** fasten 2 x zip deflation vents shut, attach small belts to motion base loosely & attach blower.
6. Place ride attachment onto motion system and lock into bracket then tighten three bolts & starting with horizontal bolt and its locking nut.
7. Attach steel poles to attachment. Red with Red... tighten with spanner
8. **Slide boom covers over steel poles and velcro to main attachment.**

*** **Plastic sleeve must stay inside foam boom covers at all times on fitting & removal** ***

Largest velcro patch to cover lowest pole, making sure that seam on lower boom is face down And top highest boom is face down

9. Inflate & **Check that inflatable is centre around motor** then place podiums and middle shape into position velcro up on middle shape then peg inflatable down
10. If on switching on control unit the power supply trips out, switch off, place transformer between power source & control unit. If unit does not power up after supply trips remove cover & follow instructions
11. When running of a generator a surge protector **MUST** be used

Operator Instructions:

1. Maximum of 8 players at one time.
2. Operator to control speed to suit participants capability.
3. Operator to keep vigilant eye on all participants and their movements.
4. Operator to stop ride if anyone requests so.
5. Operator to put entrance/exit panel in place before start of gameplay.

Operator to warn everyone before they play, that they may be hit by foam boom. Anyone who has doubt MUST NOT RIDE

Operator to warn everyone before they play that they

*** **MUST NOT SIT STAND OR LAY on foam booms** ***

7. Minimum height on ride 1.2 metres. Minimum age 10 years old. Maximum weight 113kg
- 8 **Participant to stay on their respective podiums, and not interfere with others.**
9. All Sharp objects/phones/valuables not to be taken on inflatable.

I have read and fully understand the risk assessment, assembly & operating instructions and any other safety procedures in relation to: **Meltdown**

Signed:

Date:

Event Manager/Trainer:

Print name:

Print name: