

# RPII Inspector Issued Report

Issued by: Elliotts Inspections

Issued 19/11/2025

RPII Reg Number: AI0223

Place of Inspection: On site at customer location

Unique Report Number: 71



SPENCER ELLIOTT  
Certificate Number: AI0223



## Unit Details

Description: red and blue velcro a-frame with black base

Manufacturer: smart shapes

Size (m): Width: 3.5 Length: 4.9 Height: 3.1

Serial: 46254

Unit Type: a-frame castle

Unit Owner: Party Time Inflatables

## User Height/Count

Containing Wall Height: 1.5m

Comment: Lowest wall height taken from adjacent platform.

Tallest Platform Height: 0m

Comment:

First Metre of Slide Height: 0m

Comment: Not Applicable

Remaining Slide Wall Height: 0m

Comment: Not Applicable

Permanant Roof Fitted: False

Comment: Not Applicable

Tallest User Height: 1.5m

Comment: Calculated using lowest containing wall height minus the pla

Internal Play Area Length: 3.1m

Comment:

Internal Play Area Width: 3m

Comment:

Negative Adjustment: 0m

Comment: Approx square metre are taken by obstacles, biff bash, mound

Users @ 1.0m: 7 Users @ 1.2m: 6

Users @ 1.5m: 5 Users @ 1.8m: 0

## Slide

Slide Platform Height: 0m

Comment: Not Applicable

Containing Wall Height: 0m

Comment: Not Applicable

First Metre Slide Wall Height: 0m

Comment: Not Applicable

Remaining Slide Wall Height: 0m

Comment: Not Applicable

Perm Slide Roof Fitted: False

Comment: Not Applicable

Steps/Clamber Netting Pass/Fail: False

Comment: Not Applicable

Slide Run Out: 0m

Slide Run Out Pass/Fail: False

Comment: Not Applicable

Slip Sheet Integrity Pass/Fail: False

Comment: Not Applicable

## Structure

Seam Integrity Pass/Fail: True

Comment: Secure and no loose stitching.

Lock Stitching Pass/Fail: True

Comment: Lock stitching used.

Stitch Length: 3mm

Stitch Length Pass/Fail: True

Comment: Stitching between 3mm - 8mm

Air Loss Pass/Fail: True

Comment: No significant air loss or holes.

Walls and Turrets Vertical Pass/Fail: True

Comment: Walls Vertical and gradient no greater than +/-5%

Sharp/Square/Pointed Edges Pass/Fail: True

Comment: No sharp or pointed edges.

Blower Tube Distance: 1.20m

Blower Tube Pass/Fail: True

Comment: Inflate blower tube is at least 1.2m from edge of cone to in

Unit Stable Pass/Fail: True

Comment: Unit is stable.

Evacuation Time: 30s

Evacuation Time Pass/Fail: True

Comment: Evacuation time sufficient for intended users to exit safely

## Structure Cont.

Step/Ramp Size: 1.30m

Step/Ramp Size Pass/Fail: True

Comment: Step/Ramp tread depth is equal to or more then 1.5 times the

Critical Fall Off Height: 0.6m

Critical Fall Off Height Pass/Fail: True

Comment: Critical Fall Off Height is a max of 600mm/0.6m

Critical Fall Off Height: 0.6m

Critical Fall Off Height Pass/Fail: True

Comment: Critical Fall Off Height is a max of 600mm/0.6m

Unit Pressure: 1.35Kpa

Unit Pressure Pass/Fail: True

Comment: Pressure is a minimum of 1.0 KPA

Trough Depth: 100mm

Trough Adjacent Panel Width: 500mm

Trough Pass/Fail: True

Comment: Trough Depth is no more than one third (1/3) of the adjacent

Entrapment Pass/Fail: True

Comment: No entrapments.

Markings/ID Pass/Fail: True

Comment: Blower, User Height, Max Users, Unique ID, Year of Manufactu

Grounding Pass/Fail: True

Comment: 25kg @ 1m, 35kg @ 1.2m, 65kg @ 1.5m and 85kg @ 1.8m

## Anchorage

Number of Anchors: 6

Number of Anchors Pass/Fail: True

Comment: Sufficient number of anchor points per side.

Anchor Accessories Pass/Fail: True

Comment: Produced correct amount of stakes at 380mmx16mm with rounded

Anchors Between 30-45° Pass/Fail: True

Comment: Anchors are at an angle to the ground of 30° to 45°

Anchors Perm Closed Pass/Fail: True

Comment: Metal and permanently closed.

Pull Strength Pass/Fail: True

Comment: Meets the 1600 newton pull requirement test using 163kg pull

## Totally Enclosed

Number of Exits: 0

Number of Exits Pass/Fail: False

Comment: Not Applicable

Number of Exits Pass/Fail: False

Comment: Not Applicable

## Materials

Ropes: 18mm

Ropes Pass/Fail: True

Comment: Between 18mm - 45mm. Fixed at both ends, no greater than 20%

Clamber Netting Pass/Fail: True

Comment: Not monofilament, no entrapment and at least 12mm diameter,

Retention Netting Pass/Fail: True

Comment: Vertical netting > 1m mesh size is no greater than 30mm. Roo

Zips Pass/Fail: True

Comment: Zips easily open/close and covered. Open both sides where ap

Windows Pass/Fail: True

Comment: Retention netting strong enough to support heaviest user for

Artwork Pass/Fail: True

Comment: Not flaking - Manufacturer to supply conformity report to EN

Thread Pass/Fail: True

Comment: Manufacturer to provide conformity report to confirm thread

Fabric Strength Pass/Fail: True

Comment: Manufacturer to provide conformity report to confirm tensile

Fire Retardant Pass/Fail: True

Comment: Manufacturer to provide conformity report to confirm FR.

## Fan/Blower

Comment: Reaches 1.0 kpa pressure on a 1.5hp blower.

Return Flap Pass/Fail: True

Comment: Blower return flap present and correct to reduce deflation t

Finger Probe Test Pass/Fail: True

Comment: 8mm finger probe does not pass and come into contact with an

PAT Test Pass/Fail: True

Comment: Customer own certificate.

Visual Inspection Pass/Fail: True

Comment: Passes visual inspection and suitable.

Blower Serial: pt1c

## Risk Assessment

The suitability of all materials used in manufacturing should be taken from conformity reports. Where not available these should be requested from the manufacturer/importer.

Safety aspects should be taken from the user manual provided by the manufacturer. If not provided then this should be requested or created by the controller.

Not to be used in wind speeds in excess of 38Kph.

A competent adult should supervise the inflatable and users at all times.

All anchor points to be used at all times.

Testimony: I certify that the equipment identified above was inspected and complied with the safety criteria required using all relevant sections of the European Standard EN 14960:2019 on the above date.

**Result: Passed Inspection**

The software used to generate this report was made by Spencer Elliott.