

10cm(4in) Obstructed/Confined Apparatus

10cm(4in) Linear Rail Construction

1 4x4x100cm(2x2x42in)

2 4x8x20cm(2x4x8in) with 1 - 45-degree angle cut on the long side

4 5cm(2in) screws

Obstructed/Confined Lane requires 5 separate apparatus (Note: Only one complete set is needed for the course)

Perch Base - 3 4x4x50cm(2x2x21in) w/ 45-degree angle cut both ends

Perch 3 & 4 Rails - 8 4x4x20cm(2x2x8in) w/ 45-degree angle cut both ends

3 Linear Rails



Wall Base - 1 4x4x100cm(2x2x42in), 4 4x4x50cm(2x2x21in) w/ 45-degree angle cut both ends

2 Linear Rails



Ground - 4 4x4x20cm(2x2x8in) w/ 45-degree angle cut both ends

2 Linear Rails

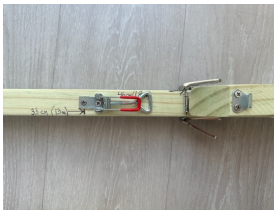


10cm(4in) Obstructed/Confined Apparatus

Alley - 8 4x4x20cm(2x2x8in) w/ 45-degree angle cut both ends
2 Linear Rails



Post Base - 1 4x4x100cm(2x2x42in), 8 4x4x50cm(2x2x21in) w/ 45-degree angle cut both ends, 1 4x4x50(2x2x19in)
and 1 4x4x40cm(2x2x16in) both w/ 45-degree angle cut both ends
4 Linear Rails



40 Magnets
40 Fender Washers
20 Black 1l(Qt) buckets
20 White 1l(Qt) buckets
20 sheets of 3.5in stickers - 6 stickers per sheet
50 5cm(2in) screws
5 60x60cm(24x24in) Landing Pads

Obstructed/Confined Scenario uses 5 Linear Rails

10 4x4x20cm(2x2x8in) w/ 45-degree angle cut both ends
30 Magnets
20 Fender Washers
10 Black Qt buckets
10 White Qt buckets
8 sheets of 3.5in stickers - 6 stickers per sheet
10 2in screws

10cm(4in) Obstructed/Confined Apparatus

1 liter (Quart) Black Bucket

<https://www.uline.com/Product/Detail/S-24085BL/Pails/Plastic-Pail-1-Quart-Black>

1 Liter (Quart) White Bucket

<https://www.uline.com/Product/Detail/S-24085W/Pails/Plastic-Pail-1-Quart-White>

Amazon Magnets

E BAVITE Neodymium Cup Magnets, Rare Earth Magnets with Heavy Duty, Hold up to 110lbs, Cup Magnet with Countersunk Hole and Stainless Screws for Kitchen, Craft, Office and So on – Pack of 12 <https://a.co/d/etRHwkS>

Amazon Clamps

<https://a.co/d/0iBEIW0>

Hinges

<https://a.co/d/dEUGvG0>

3cm(1-1/4in) Fender Washers

<https://www.homedepot.com/p/Everbilt-1-4-in-x-1-1-4-in-Zinc-Plated-Fender-Washer-100-Piece-per-Box-804790/204276327>

3.5in Stickers - OL3282LP

<https://www.onlinelabels.com/products/ol3282lp>

Attaching the Fender Washer to the Bucket

Attach the fender washer to the back of the sticker



Use the flat side of the magnet attached to pliers or a bit extension to prepare for placement (DO NOT ATTACH FLAT SIDE TO THE STICKER)



Place the sticker centered in the bucket
press the sticker down and remove the magnet



Now your bucket is ready to attach to your apparatus

