





LEVEL



CONFINED SCENARIO (2")

Following the Confined Lanes, the Confined Scenario (2") setup consists of 5 apparatus, each utilizing 4 oz. plastic ramekins and a shortened 2x2 baluster spine, placed in sequential order 1-10 (100 points possible) in an operationally significant & confined space environment.

Tools Needed:

- Circular saw (Miter preferred)
- Electric drill/driver set w/ bits
- Tape measure

• Proper PPE (eyes/ears/hands)





Purchase List

#	Item	Purpose	Store
10	4 oz Plastic Ramekins - Clear	Targets	Amazon
10	4 oz Plastic Ramekins - Black	Targets	Amazon
5	2"x2"x42" Balusters	Spine, Fins, Feet	Hardware Store
1	2" Waferhead Screws (box)	Wood-to-wood	Hardware Store
1	1.25" Waferhead Screws (box)	Buckets-to-wood	Hardware Store
20	Fender Washers (1/4" x 1 1/4")	Inside buckets	Hardware Store
1	3" Gaff Tape - White (Roll)	Scenario setup	Industrial Distributor

4 oz Ramekins





- 1 1/4" screws
- 1/4" x 1 1/4" washers
- 2"x2"x42" Pressure-treated, Beveled 1-or-2 End

Cut List

#	Item	Purpose	Notes
5	2"x2"x21"	Spine	Cut 42" baluster in half
10	2"x2"x4" Fins	Fins	4" long-side; single 45°
10	2"x2"x8" Feet	Feet	8" long-side; opposing 45°s











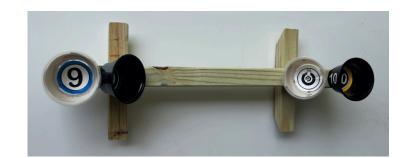
LEVEL

5



CONFINED SCENARIO (2")

Each apparatus consists of two 4 oz. black ramekins, two 4 oz. white ramekins, two 4" fins, and two 8" feet that are all attached to a single 21" spine. The ramekins should be stickered & opposing each other, as shown.





Directions

- Cut a 2x2x42" baluster in half for a 21" Spine
- Place the 4", long-side of Fins along Spine, end-justified, 45° cut facing towards the center (secure with two 2" screws)



- Flip & place 8", long-side of Feet along Spine, end-justified (secure with single 2" screw - tight but able to swivel)
- With a fender washer & 1-1/4" screw, fasten 4 oz. ramekins opposite each other
- Wrap clear ramekins with white gaff tape

- Print 2" Scenario sticker file and apply stickers appropriately
- Alignment Targets perpendicular to spine; Acuity Targets on 45°
- Alignment buckets get side #s
- Lay out apparatus 1-10, alternating horizontal & vertical orientations, ending with a perch landing at bucket #10
- Use gaff tape or attach magnets to affix apparatus to bldg/car

Magnet Option



SCORESHEET POCKET GUIDE







Test Director

Adam Jacoff

Intelligent Systems Division

National Institute of Standards and Technology

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RobotTestMethods.nist.gov Email

RobotTestMethods@nist.gov