

Confined Room-to-Room Labyrinth

Search tasks with 1 m (3ft) minimum clearances

USE SETS OF 5 "INLINE" DUAL BUCKET RAILS HORIZONTALS FOR LEFTWARD/RIGHTWARD INSPECTIONS



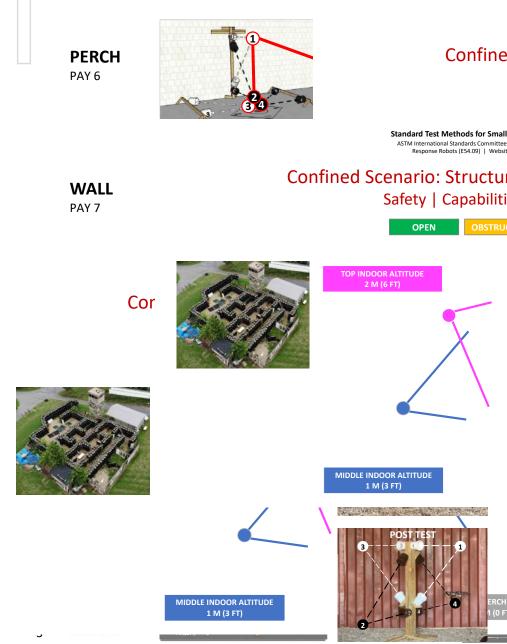
VERTICALS FOR UPWARD/DOWNWARD INSPECTIONS

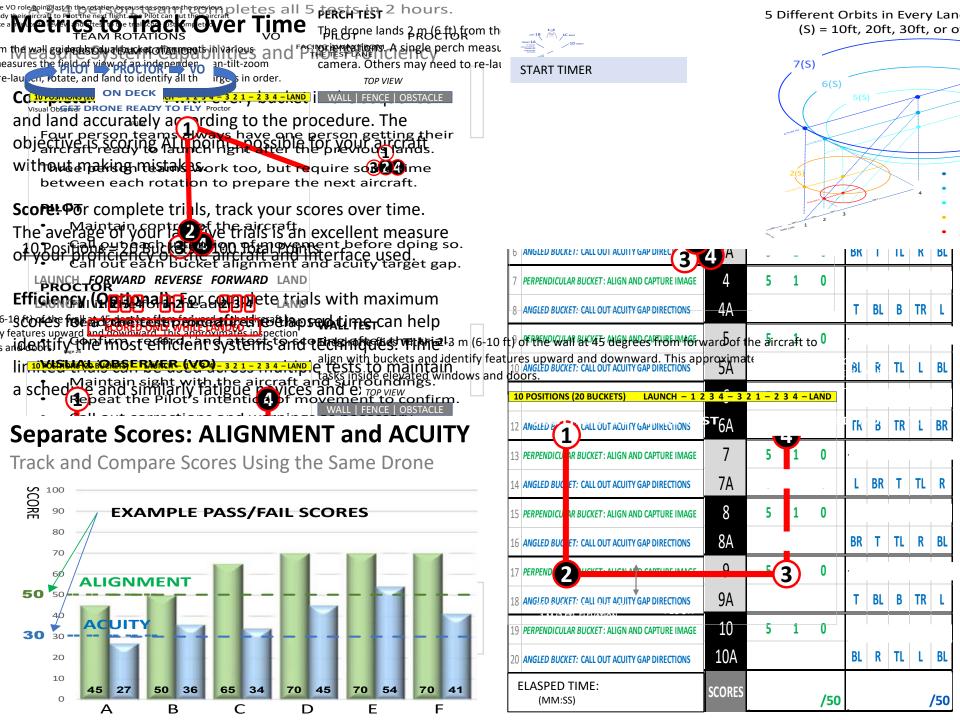


- Fabricated room-to-room search scenario with inspect tasks that can be replicated to track and compare score
- Self-standing plywood corner walls define 1.2m (4 ft) switchback hallways with a blackout tarp ceiling over tc at 2.4m (8ft). Fits inside a 6m (20ft) shipping container.
- Square access "windows" measuring 1m (3ft) square provide entry/exit and interior high/low pass throughs.

Bucket Alignments Define Flight Paths

Designated altitudes, positions, and orientations



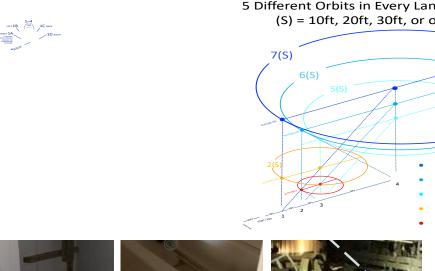




- Confirm, record, and attest to scoring after the tria
 VISUAL OBSERVERITVO)
- Maintain sight with the aircrary
- T Repeat the Pilot's intention of movement to confirm.

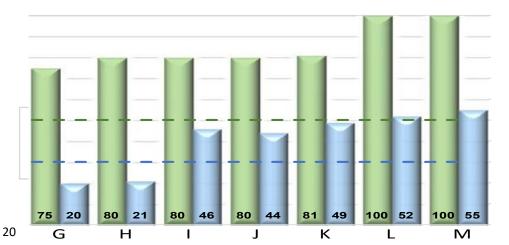


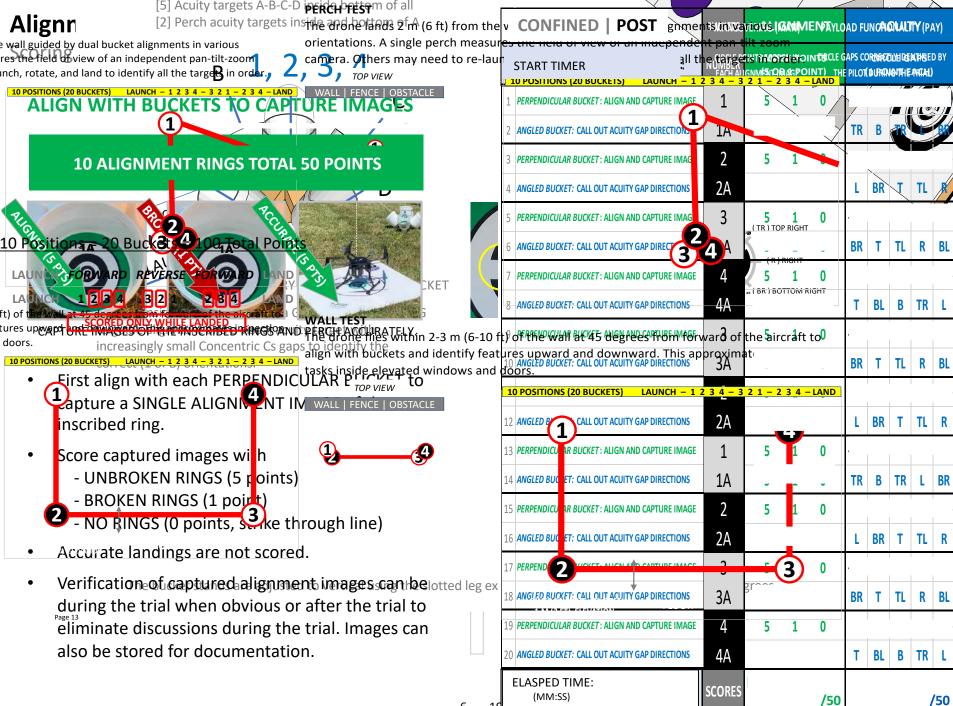


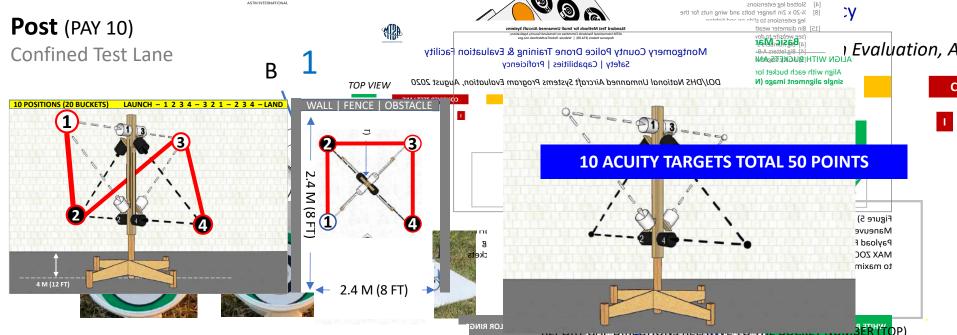




The WALL and ALLEY test shown embedded in a room-to-room search scenario closet and bath tub. The pairs of of white and black buckets require exposure control to discern details. Also shown is a more complex overturned subway rail car disaster. All such scenarios get embedded with scoring tasks totaling 100 points.







- Center the Post apparatus in a 2.4m (8 ft) cubic space or shipping container with the vertical task elevations at 1m (3ft) and 2m (6 ft) above the ground.
- Fly within 1 m (3 ft) of the post to inspect vertical object features upward and downward.
- Pass between the post and walls throughout.

SCORING

Alignment Points in Perpendicular Buckets (50 Total):

Align with each perpendicular bucket to CAPTURE A SINGLE IMAGE OF THE ALIGNMENT RING for scoring during or after the trial.

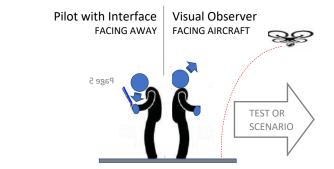
Acuity Points in Angled Buckets (50 Total): Align with each angled bucket to IDENTIFY ACUITY GAPS through the pilot interface. Images are optional for documentation but use the answer key for scoring.

ACUITY TARGETS using camera zoom and exposure ACUITY TARGETS using camera Zoom and exposure control set and a source of the concentric C gap directions as

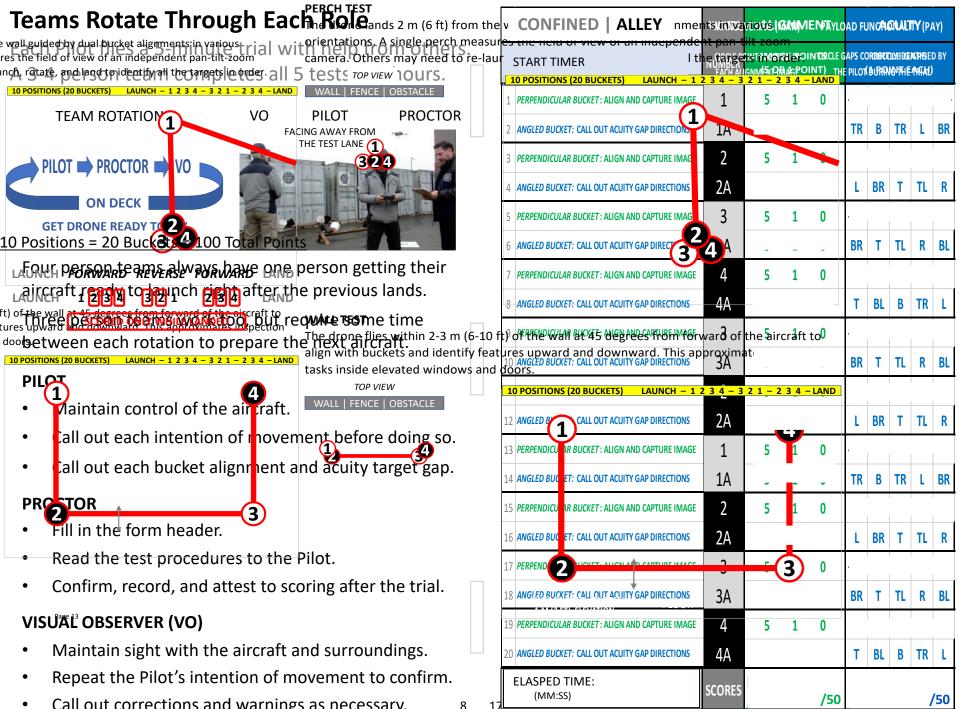
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only as if beyond visual line of sight.

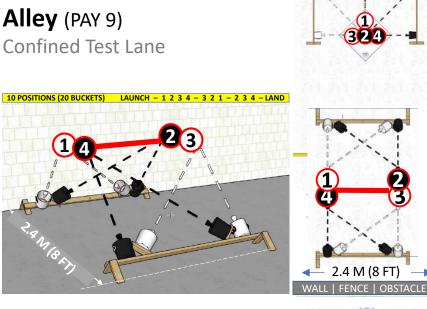
possible (1 pt each).

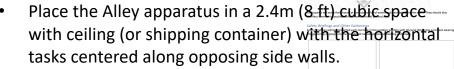


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Call out corrections and warnings as necessary.





2.4 M (8 FT

- Fly within 1 m (3 ft) to perform the alignments with the walls in front of the aircraft (0 degrees) and behind the aircraft (180 degrees).
- Inspect horizontal objects leftward and rightward.

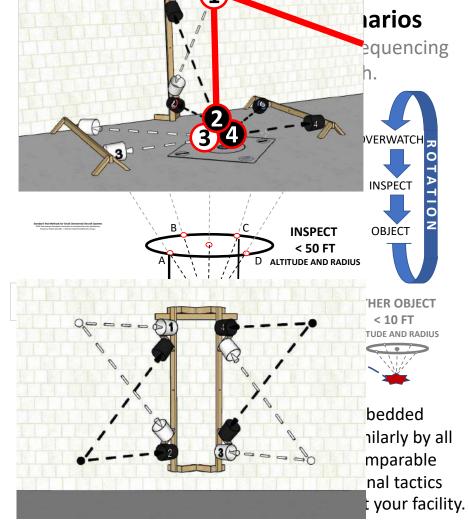
SCORING

Alignment Points in Perpendicular Buckets (50 Total):

Align with each perpendicular bucket to CAPTURE A SINGLE IMAGE OF THE ALIGNMENT RING for scoring during or after the trial.

Acuity Points in Angled Buckets (50 Total):

Align with each angled bucket to IDENTIFY ACUITY GAPS through the pilot interface. Images are optional for documentation but use the answer key for scoring.



- Up to 3 teams concurrently fly different scenario objectives from safe distances and altitudes apart.
- Teams move as necessary to maintain sight lines with their aircraft and communications with other teams. The overwatch team leads communications.
- Scenarios restart every 20 minutes with a different rotation of Pilot, Proctor, and VO.

