

### ATTIC SCUTTLE – Total Cost \$54.93

#### Dimensions:

4' x 4' square – elevated off of the ground approx. 18" (the legs are 24" high)  
Underside sheathed w/ ½" treated plywood - framed with "rafters / joists" on 16" centers with a 20" x 32" scuttle opening

#### Materials:

8 - 2" x 6" x 2' legs screwed together and permanently fastened to the prop with deck screws  
4 - 2" x 6" x 4' for frame  
1 - 2" x 6" x 4' for rafter  
2 - 2" x 6" x 32" to frame scuttle  
2 - 2" x 6" x 11" for blocking next to scuttle  
1 - ½" x 4' x 4' treated plywood for sheathing underside

Total of        6 - 2" x 6" x 8' pressure treated @ \$4.99 each = \$29.94  
                  1 - ½" x 4' x 8' pressure treated plywood @ \$24.99

### RAFTER CRAWL – Total Cost = \$79.47

#### Dimension:

4' x 8' – elevated off of the ground approx.. 18"  
Underside sheathed w/ ½" plywood  
Framed with "rafters / joists" on 16" centers  
Legs are 24" high on the ends and 48" on the sides, screwed together with deck screws and mounted to the frame with bolts so they are removable. This allows the prop to be used by itself at ground level for other training evolutions. The higher sides are used to provide a safety rail when elevated.

#### Materials:

3 - 2" x 6" x 8' for the legs  
5 - 2" x 6" x 8' for rafters and frame ends  
2 - 2" x 6" x 80" for frame sides  
1 - ½" x 4' x 8' pressure treated plywood  
2 - 1" x 4" x 80" for side "rails"

10 - 2" x 6" x 8' pressure treated @ \$4.99 each = \$49.90  
2 - 1" x 4" x 8' pressure treated @ \$2.29 each = \$4.58  
1 - ½" x 4' x 8' pressure treated plywood @ \$24.99

DOWNTWARD RAMP – Total Cost = \$34.68

3 – 2” x 12” x 4’ pressure treated boards assembled together by attaching 2 - 2” x 6” x 32” to the back with deck screws. The ramp is attached to the end of the rafter crawl prop with 3 – heavy duty hinges.

Materials:

1 - 2” x 12” x 12’ pressure treated @ \$17.69

1 - 2” x 6” x 8’ pressure treated @ \$4.99

3 – heavy duty hinges @ \$4.00 each

REDUCED PROFILE WALL – Total Cost = \$19.96

Dimensions:

4’ x 4’ square with studs spaced 16” on center and a 20” high by 32” wide space provided for horizontal reduced profile maneuvers. Another 2” x 6” x 4’ is used to provide support to the end of the prop away from the rafter crawl prop. The reduced profile wall is attached to the rafter crawl prop with 1- 3/8” bolt and a wing nut.

4- 2” x 6” x 8’ pressure treated @ \$4.99 each = \$19.96

2 – 1”x 4” x 12” (cut-off from rafter crawl lumber)

NARROW PASSAGE – Total Cost = \$10.66

4’ x 4’ frame with an arched plywood section securing the tube to the frame. The frame is then slid between two, 2” x 6” cut-offs screwed to the frame of the rafter crawl prop. The tube is a 3’ section of 24” diameter corrugated tubing obtained from our municipal wastewater treatment facility free-of-charge.

3 – 2” x 4” x 8’ pressure treated @ \$2.79 each = \$8.37

1 – 1” x 4” x 8’ pressure treated @ \$2.29

1 - ½” x 4 x 4” pressure treated plywood – (cut-off from attic scuttle prop)

1 – 24” diameter x 3’ length plastic tube – no charge (donated)

WIRE ENTANGLEMENT – Total Cost = \$7.50

8 – eyebolts screwed to underside of rafter crawl prop. Two – 2” x 2” x 80” pressure treated boards are screwed to the bottom to protect the eye bolts if the prop is used on the ground. Scrap electrical, cable TV, telephone and baling wire are then used to act as entanglement hazards.

8 – eyebolts @ .49 each = \$3.92

2 - 2” x 2” x 80” pressure treated @ \$1.79 each = \$3.58

Total cost of all materials, excluding deck screws (around \$12-\$15 / box) = \$207.20