

NYS OFPC Firefighter-1 Task Oriented Air Consumption Evolution

Erie County Training and Operations Center Equipment List

Station #1 – Stair Climb – Using indoor tower stairs participants will climb to the top of the 3rd set of stairs (total of 60 steps) and return back to the entry door while carrying a 50ft. section of 2 ½” hose packed into a dual stack shoulder load approximately 3ft in length. (If using a training building with inside and outside stairs, consider using both to climb inside and descend outside to allow more than one student on the event without them running into each other.)

Needs: 2 – 50’ sections of 2 ½” hose and duct tape to secure the hose

Participants will read their remote pressure gauge and report their air pressure to their escort who will document the reading and the time after completion of each station’s task. The escort will need to start the stop watch when the participant begins breathing air from their cylinder and only stops it when the participant exhausts the air from the cylinder and steps off the course.

After the completion of each station, participants will then walk a recovery lap around two cones placed 40’ apart located in the middle of the course. It is not required to walk a recovery lap between stations 2a and 2b.

Station #2a- Hose stretch – The participants will drag a 50 ft. section of 1 ¾” hose and “sled” to a cone 35’ away and return it to the starting point. The “sled” contains the remaining 35’ of hose and an additional 30 lbs. of weight in a reinforced milk crate. The participant will place the attached nozzle and 8’ of hose over their shoulder and across their chest to drag the sled the required distance. They will then proceed directly to Station 2b without a recovery lap around the cones.

Needs: 1- 50’ section of 1 ¾” hose, automatic fog nozzle, milk crate, 30 lbs of weight, two cones and method to secure hose to milk crate

Station #2b – Hose pull – The participant will go down on at least one knee and pull the 1 ¾” hose until the coupling returns to them. The 1 ¾” hose will be connected to itself and looped around the base of the hydrant located near the North overhead apparatus door. The coupling will be placed at the furthest distance away from the hydrant.

Needs: 1-50’ section of 1 ¾” hose and secured fire hydrant or bollard with room for the hose coupling to clear as it passes around.

Station #3 – Saw Carry – The participant approaches the simulated apparatus cabinet and removes each saw from the cabinet and places it on the ground. The participant then carries both saws and walks 75’ to a marked cone and returns to the simulated cabinet. The participant then returns each of the saws to the cabinet one at a time.

Needs: 1 – rotary/ rescue saw (preferred 30 lbs + or – 3 lbs.), fire chain vent saw (preferred 28 lbs. + or – 3 lbs.), simulated apparatus cabinet with shelf 4' from the ground, one cone located 75' from the cabinet. (2- 5 gallon buckets with reinforced handles may simulate the saws if they can be weighted to approximately 28 lbs. each.)

Station #4 – Ladder raise – Participant approaches the secured 24' extension ladder (secured to the simulated window at the end of the floor collapse simulator) and hoists the fly of the ladder all the way up using a hand over hand method without stopping and returns it to the ground in a controlled manner without allowing it to drop.

Needs: 1 -24' fire service extension ladder, brackets to secure the ladder to the wall that would allow the fly section to be extended completely out using the halyard.

Station #5 – Forcible Entry – participants will approach the table with mounted and inflated tire and strike the tire with a ten pound sledgehammer 10 times.

Needs: reinforced table, mounted and inflated truck tire, ten pound sledgehammer. (truck tire should be deflated some to reduce the recoil of the sledgehammer. Truck tire should be positioned so that it does not move off of the table.- see video)

Station #6 – Search – participants will approach the first floor of the SCBA Maze and follow a right or left hand search pattern preceding 64' through a darkened search area with obstacles that do not require any profile reducing maneuvers to pass while wearing an SCBA and PPE.

Needs: simple pattern arranged in the first floor of the SCBA maze with some obstacles. The area needs to be darkened. (place two SCBA confidence tunnels together, without any obstacles, to create one long tunnel and create a 90 degree turn at the end into another search area. The two tunnels should be covered to create a completely dark environment.)

Station #7 – Rescue – Participant approaches the 165 lb. mannequin and drags it 35' around a cone and returns it to the starting point.

Needs: 165 lb. mannequin, one cone to mark the 35' distance

Station #8 – Ceiling push/ pull – participant will approach the ceiling breach simulator and complete 2-sets of 3 repetitions of pushing the ceiling plate up and 5 repetitions of pulling the hook down using a 6' pike pole.

Needs: ceiling breach simulator, 6 ' pike pole without handle. (ceiling push up plate is 60 lbs. and the pull down mechanism is 80 lbs.)

When the participants complete all 8 stations they proceed to station #1 and continue working the course until they run nearly out of air. When they completely expend all of the air in their cylinder, the evolution ends for them. Each participant's escort will document the time and air pressure readings and return the document to the Participant for review. Once the participant reviews the document they will

give it to the lead instructor. The student must complete all 8 stations on a 30 minute cylinder (1200 liters) to pass the evolution.

To keep the flow of participants moving, assign the participants to 5 companies of 4 – 5 participants each. The first company to run the course will be escorted by company 3 members. This allows company 2 to be prepared to begin the course as soon as company 1 clears the course. Company 2 will be escorted by company 4. Company 3 will be escorted by company 5. Company 4 will be escorted by company 1 who should be ready after their period in rehab. Company 5 will be escorted by company 2.