



Florida Association of Fire Rescue Cadets



Extrication Tool Challenge

2024 Summer Gator Fire Games

Objective:

This event allows the teams of four to demonstrate effective management of extraction spreaders. There will be a designated staging area, a start/stop area, a block storage area, and a crib tower build area. All 4 members will start in the staging area. On the "GO" command, the 1st cadet will pick up spreaders from designated start area.

The event area will be a 8' x 8' box that is subdivided for each cadet to get a 4' x 4' box. In the center will be the base of the crib tower (3' x 3' box). Behind each cadet will be a table with the building blocks (4x4 post that is 24 inches long) placed on the edge of the table with 6 inches of overhang. All four cadets will be seated in a chair inside their box. Spreaders will start on the ground in one of the cadet boxes. On the "GO" command, time will start and the cadet with the spreaders can begin to build the crib tower. Each cadet will only be allowed to place one block, then the tool must be passed to the cadets left. Team will have a maximum of 3 minutes to build the tallest crib tower they can that will support the 18" x 18" weighted box (50 lbs). The tower must support the weighted box for at least 15 seconds.

Requirements:

- Each Post can enter a maximum of three teams consisting of four Cadets/Explorers.
- No Cadet/Explorer can participate in this event twice.
- Full PPE with the exception of SCBA and hood are required for each cadet.

Rules:

1. All protective equipment must remain on during event; must be fixed to continue. (Judges will stop member to correct).
2. At no point can a cadet touch any building blocks with anything other than the tool provided. Extrication spreaders must be used to manipulate building blocks. (Results will be disqualification)
3. If during the 3 minutes the crib tower falls, all blocks will be removed from the crib base by staff. Once crib base is cleared, team will be able to continue the event.
4. After cadet places 1 block, tool must be passed to the cadet on their left. If tool is passed incorrectly, judge will stop the cadet and instruct them to pass the tool to the proper cadet. (4 inch penalty for each infraction)
5. Each cadet must stay within the boundaries of their 4' x 4' box. (2 inch penalty for each infraction)
6. At the end of the 3 minutes, if the top of the crib tower is unlevel, blocks will be removed to make a level surface for weighted box to sit on.
7. Crib tower must support weighted box for a minimum of 15 seconds. (Failure to support weighted box results in disqualification)
8. Any unsafe act may result in disqualification.

Scoring:

- Tallest crib tower that supported weighted box minus any penalties.
- Tie breaker will be least amount of blocks used for crib tower.

2024 Extrication Tool Challenge Diagram

