Drill Ground Activity 22: Roof Rescue

Description	This drill ground activity provides students with an opportunity to practice removing a downed fire fighter from a roof utilizing a ladder and a rope bag.
Timeframe	1 hour
Students	Groups of up to 10 students Two students minimum required for drill
Materials	• Appropriate training structure • Fire service ladder • Fall protection system • Rope bag/tag line • Simulated downed firefighter in full PPE • Full turn out PPE • SCBA
Site Preparation	• Ensure that site is free of all hazards.
Instructor Directions	1. Review the operation of the evolution and the desired outcome with participants 2. Review safety considerations with participants. 3. Review fall protection system with all personnel/students. 4. Assign personnel/students to appropriate fall protection positions. 5. Show participants starting and ending points of the course. 6. Increase the complexity of scenarios as appropriate (no air, on air, decreased visibility, no visibility, etc.). 7. Ensure all participants are wearing full PPE. 8. Ensure all students are wearing a full-body harness attached to a safety line in accordance with fall protection system requirements. 9. Perform a final safety check prior to performing the evolution.

Student Directions
1. Rescuer #1 (on the roof) Locate downed fire fighter.
2. Rescuer #1: Move downed fire fighter from hazard area on roof (if necessary).
3. Rescuer #1: Perform SCBA waist strap conversion.
4. Rescuer #1: Move fire fighter to edge of roof next to ladder (ladder should be fully extended, if possible).
5. Rescuer #1: While holding running end of a rope, place running end between first and second rung of ladder.
6. Rescuer #1: Throw drop bag down to ground.
7. Rescuer #2 (on the ground): Wrap rope around two rungs at ladder base (aka – friction wrap).
8. Rescuer #1: Attach downed fire fighter to running end of rope.
9. Rescuer #2: Take out all slack in rope.

10. Rescuer #1: Push ladder away from building suspending downed fire fighter between ladder and building (like a pendulum).
11. Rescuer #2: Use “friction wrap” to lower downed fire fighter to ground.