Drill Ground Activity 23: Tarver Evolution

Description	This evolution provides students with an opportunity to practice rescue two fire fighters disoriented and low on air who believe they are just off the hose line—working as a team, on air, with face pieces covered to simulate limited visibility.
Timeframe	20 minutes per student
Students	Two companies
Materials	• Appropriate training structure with limited visibility (or use wax paper in the mask) • RIC tool cache • RIC air pack • Search line system (200 feet minimum) • 1¾” charged hoseline (400 feet minimum) • Two portable radios • Two simulated downed fire fighters in full PPE • Full turn out PPE • SCBA
Site Preparation	• Ensure that site is free of all hazards. • First downed fire fighter is just off the hoseline, alert, but low on air. • Second downed fire fighter is approximately 40 feet off the nozzle and unconscious.

Instructor Directions	1. Review the evolution and safety protection system requirements.
	  • The RIC will conduct a size up of the training structure and assemble a tool cache.
	  • One RIC member will assume the role of RIC Leader.
	  • One RIC member will act as the IC/RIC Group Supervisor on the exterior.
	  • The IC/RIC Group Supervisor will track and maintain accountability of the resources, as well as perform PAR checks.
	  • RIC may request any additional assistance or resources.
	  • RIC will always manage its air.
	  • If a RIC member runs out of air, they are considered another downed fire fighter.
	  • The evolution ends after RIC anchors their orientation point and communicates their PAC CAN to the RIC Group Supervisor.
	  • Alternate between using a search line system and a hoseline.
	2. Review safety considerations with participants.
	3. Show participants the starting and ending points of the course.
	4. Increase the complexity of scenarios as appropriate (no air, on air, decreased visibility, no visibility, etc.).
	5. Ensure all participants are wearing full PPE.

	6. Perform a final safety check prior to performing the evolution.

Student Directions
1. RIC enters structure and listens for PASS devices
2. Using a search line system or hose line as a reference point, RIC moves toward sound of first downed fire fighter's PASS device
3. After locating downed fire fighter near hose line, RIC delivers air through an approved method
4. RIC continues to listen for second downed fire fighter's PASS device and searches using a tether or hose line
5. After locating second downed fire fighter, RIC delivers air if necessary
6. RIC leader performs PAC CAN and may request a second RIC if necessary
7. RIC packages and moves downed fire fighters using an approved method of their choice
8. RIC removes downed fire fighters from structure following their designated hose line or search line system
9. Evolution ends after downed fire fighters are extricated from structure and all rescuers have exited structure

Tarver Evolution – Existing Structure

Tarver Evolution – Simulated Structure