Chapter 12: Search and Rescue Candidate: Date: Skill Drill 12-1 Fire Fighter I, 4.3.9 Conducting a Primary Search Using the Standard Search Method **Evaluator Instructions:** The candidate shall be provided with PPE, SCBA, portable radio, flashlights, hand tools, ladders, and a structure deemed safe to conduct standard searches in. The skills for carries and drags should be applied during this skill drill. Task: Safely conducting a standard search of a building and rescuing any victims as part of a search team. **Performance Outcome:** The candidate shall assess for hazards, determine tenability of areas within the building, utilize hand tools for forcible entry, set up ladders to assist in rescue, and rescue any victims while conducting a standard search of a structure as part of a search team. Candidate Directive: "Safely conduct a standard search of a structure and rescue any victims with unobstructed vision as part of a search team." First Test Retest P F No. Task Steps Don your personal protective equipment (PPE), including SCBA, and enter the personnel accountability system. Bring hand tools, a hand light, a radio, a thermal imaging device, and search ropes if indicated. Notify command that the search is starting, and indicate the area to be searched and the direction of the search. Use hand tools or ground ladders if needed to gain access to the site. Conduct a quick and systematic search by staying on an outside wall and searching from room to room. Maintain contact with an outside wall. Maintain team integrity using visual, voice, or direct contact. Use the most efficient movement based on the hazard encountered: duck walk, crawl, stand only when you can see your feet and it is not hot. Use tools to extend your reach if recommended by your department. Clear each room visually or by touch, and then close the door. Search the area, including stairs up to the landing on the next floor. Periodically listen for victims and sounds of fire. Communicate the locations of doors, windows, and inside corners to other team members. Observe fire, smoke, and heat conditions; update command on this information. Locate and remove victims; notify the IC. When the search is complete, conduct a personnel accountability report. Report the results of the search to your officer. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

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Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 12: Search and Rescue Candidate: Skill Drill 12-2 Fire Fighter I, 4.3.9 Conducting a Primary Search Using the Oriented Search Method **Evaluator Instructions:** The candidate shall be provided with PPE, SCBA, portable radio, flashlights, hand tools, and a structure deemed safe to conduct oriented searches in. The skills for carries and drags should be applied during this skill drill. Task: Safely conducting an oriented search of a building and rescuing any victims as part of a search team. **Performance Outcome:** The candidate shall assess for hazards, determine tenability of areas within the building, utilize hand tools for forcible entry, and rescue any victims while conducting an oriented search of a structure as part of a search team. Candidate Directive: "Safely conduct an oriented search of a structure and rescue any victims with unobstructed vision as part of a search team." First Test Retest P No. Task Steps F A search team consisting of one officer or team leader and one to three searchers is 1. 2. Searchers don their personal protective equipment (PPE), including SCBA and hand tools, and enter the personnel accountability system. The officer notifies the incident commander that search is starting and directs the 3. searchers to the area to be searched. 4. The officer remains outside the rooms to be searched to monitor safety conditions, air supplies, and the status of the fire. The officer maintains a systematic search pattern and coordinates activities with the incident commander. Searchers use a left-handed or a right-handed search pattern and perform two to 5. three side crawls as necessary to extend the search towards the centre of the room. Upon completion of the search of each room, the officer directs searchers to the next rooms to be searched and closes the door. If a victim is found, the officer notifies the incident commander and requests a second team to help remove the victim. The search team moves the victim towards the exit and turns over the care and removal of the victim to the second team

	and removal of the victim to the second team.						
6.	The search team then returns to the last location searches systematic search of the building. When the search is conducts a personnel accountability report. The officer is search and the personnel accountability report to the incompared to the in						
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Retest Evaluator:	Date:	Retest Candidate Date:		

Candidate: Date: Skill Drill 12-3 Fire Fighter I, 4.3.9 **Performing a Secondary Search** Evaluator Instructions: The candidate shall be provided with PPE, SCBA, portable radio, flashlights, hand tools, ladders, and a structure deemed safe to conduct secondary searches in. The skills for carries and drags can be applied during this skill drill. The candidate's vision should be partially obstructed with theatrical smoke, darkness, or face piece. As compared to primary searches, conditions are better during secondary searches and the training environment should mimic this. Task: Safely conducting a secondary search of a structure and rescuing any victims as part of a search team. **Performance Outcome:** The candidate shall assess for hazards, determine tenability of areas within the building, utilize hand tools for forcible entry, set up ladders to assist in rescue, and rescue any victims while conducting a secondary search of a structure as part of a search team. Candidate Directive: "Safely conduct a secondary search of a structure and rescue any victims as part of a search team." First Test Retest F No. Task Steps Don PPE, including SCBA, and enter the personnel accountability system. 1. Bring hand tools, a hand light, a radio, a thermal imaging device, and search ropes if indicated. Notify command that the search is starting, and indicate the area to be searched and the direction of the search. Conduct a systematic, thorough search for any possible victims. In addition to checking for victims, be alert for hidden fire, salvage needs, and indicators of the fire's cause, its origin, or arson. Protect any evidence. Maintain team integrity using visual, voice, or direct contact. Notify command of the results of the search and personnel accountability report. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

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Chapter 12: Search and Rescue

Candidate: Date: _____ Skill Drill 12-4 Fire Fighter I, 4.3.9 **Performing a One-Person Walking Assist Evaluator Instructions:** The candidate shall be provided with a victim to assist. **Task:** One-person walking assist. **Performance Outcome:** The candidate shall demonstrate the ability to safely assist a victim with walking. Candidate Directive: "Provide walking assistance to a victim." First Test Retest No. Task Steps F 1. Help the victim stand next to you, facing the same direction. Have the victim place his or her arm around your neck, and hold on to the victim's wrist, which should be draped over your shoulder. Put your free arm around the victim's waist, and help the victim to walk. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: _____ Candidate Date: _____ Retest Evaluator: ______ Date: ______ Retest Candidate Date: _____

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Candidate: Date: _____ Skill Drill 12-5 Fire Fighter I, 4.3.9 Performing a Two-Person Walking Assist **Evaluator Instructions:** The candidate shall be provided with a victim to assist and a partner. **Task:** Two-person walking assist. **Performance Outcome:** The candidate shall demonstrate the ability to safely assist a victim with walking. **Candidate Directive:** "Provide walking assistance with a partner to a victim." First Test Retest Task Steps No. F Two fire fighters stand facing the victim, one on each side of the victim. Both fire fighters assist the victim to a standing position. Once the victim is fully upright, place the victim's right arm around the neck of the 2. fire fighter on the right side. Place the victim's left arm around the neck of the fire fighter on the left side. The victim's arms should drape over the fire fighters' shoulders. The fire fighters hold the victim's wrist in one hand. Both fire fighters put their free arms around the victim's waist for added support. Both fire fighters slowly assist the victim to walk. Fire fighters must coordinate their movements and move slowly. Retest Approved By: Retest Evaluator: Evaluator Comments: ____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____

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Chapter 12: Search and Rescue

Candidate: Date: _____ Skill Drill 12-6 Fire Fighter I, 4.3.9 Performing a Two-Person Extremity Carry **Evaluator Instructions:** The candidate shall be provided with a victim to assist and a partner. **Task:** Two-person extremity carry. **Performance Outcome:** The candidate shall demonstrate the ability to safely carry a victim. Candidate Directive: "Safely carry a victim with a partner." First Test Retest No. Task Steps F 1. Two fire fighters help the victim to sit up. The first fire fighter kneels behind the victim, reaches under the victim's arms, and grasps the victim's wrists. The second fire fighter backs in between the victim's legs, reaches around, and grasps the victim behind the knees. The first fire fighter gives the command to stand and carry the victim away, 4. walking straight ahead. Both fire fighters must coordinate their movements. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: ______ Date: _____ Retest Candidate Date: _____

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Date: _____ Candidate: Skill Drill 12-7 Fire Fighter I, 4.3.9 Performing a Two-Person Seat Carry **Evaluator Instructions:** The candidate shall be provided with a victim to assist and a partner. **Task:** Two-person seat carry. Performance Outcome: The candidate shall demonstrate the ability to safely seat carry a victim. Candidate Directive: "Safely seat carry a victim with a partner." First Test Retest No. Task Steps F F 1. Two fire fighters kneel near the victim's hips, one on each side of the victim. Both fire fighters raise the victim to a sitting position and link arms behind the victim's back. The fire fighters place their free arms under the victim's knees. If possible, the victim puts his or her arms around the fire fighters' necks for additional support. The rescuers stand and move towards safety. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: _____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Candidate: Date: _____ Skill Drill 12-8 Fire Fighter I, 4.3.9 Performing a Two-Person Chair Carry **Evaluator Instructions:** The candidate shall be provided with a victim to assist, a chair, and a partner. **Task:** Two-person chair carry. Performance Outcome: The candidate shall demonstrate the ability to safely chair carry a victim. Candidate Directive: "Safely chair carry a victim with a partner." First Test Retest No. Task Steps F Tie the victim's hands together, or have the victim grasp his or her hands together. This prevents the victim from reaching for a stationary object while you are moving him or her. One fire fighter stands behind the seated victim, reaches down, and grasps the back of the chair. The fire fighter tilts the chair slightly backward on its rear legs so that the second fire fighter can step back between the legs of the chair and grasp the tips of the chair's front legs. The victim's legs should be between the legs of the chair. When both fire fighters are correctly positioned, the fire fighter behind the chair 3. gives the command to lift and walk away. Because the chair carry may force the victim's head forward, watch the victim for airway problems. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Date: _____ Candidate: Skill Drill 12-9 Fire Fighter I, 4.3.9 Performing a Cradle-in-Arms Carry **Evaluator Instructions:** The candidate shall be provided with a victim to assist. **Task:** Cradle-in-arms carry. **Performance Outcome:** The candidate shall demonstrate the ability to safely carry a victim in arms. Candidate Directive: "Safely carry a victim while cradling in arms." First Test Retest No. Task Steps F Kneel beside the child, and place one arm around the child's back and the other arm under the thighs. Lift slightly and roll the child into the hollow formed by your arms and chest. 2. Be sure to use your leg muscles to stand. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Chapter 12: Search and Rescue Candidate: Date: _____ Skill Drill 12-10 Fire Fighter I, 4.3.9 **Performing a Clothes Drag Evaluator Instructions:** The candidate shall be provided with a victim to assist. **Task:** Clothes drag. Performance Outcome: The candidate shall demonstrate the ability to safely drag a victim by using the victim's clothing. Candidate Directive: "Safely drag a victim using the victim's clothing." **First Test** Retest No. Task Steps F \mathbf{F} 1. Crouch behind the victim's head, grab the shirt or jacket around the collar and shoulder area, and support the head with your arms. Lift with your legs until you are fully upright. Walk backward, dragging the victim to safety. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Candidate: Date: _____ Skill Drill 12-11 Fire Fighter I, 4.3.9 Performing a Blanket Drag **Evaluator Instructions:** The candidate shall be provided with a victim to assist and a blanket. Task: Blanket drag. **Performance Outcome:** The candidate shall demonstrate the ability to safely drag a victim by using a blanket. Candidate Directive: "Safely drag a victim on a blanket." First Test Retest No. Task Steps F Lay the victim supine (face up) on the ground. Stretch out the material you are using next to the victim. Roll the victim onto one side. Neatly bunch one-third of the material against the 2. victim's body so the victim will lie approximately in the middle of the material. Lay the victim back down (supine). Pull the bunched material out from underneath 3. the victim and wrap it around the victim. Grab the material at the head, and drag the victim backward to safety. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: ______ Date: _____ Retest Candidate Date: _____

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Candidate: Date: _____ Skill Drill 12-12 Fire Fighter I, 4.3.9 **Performing a Standing Drag Evaluator Instructions:** The candidate shall be provided with a victim to assist. **Task:** Standing drag. **Performance Outcome:** The candidate shall demonstrate the ability to safely perform a standing drag. Candidate Directive: "Safely drag a victim using the standing drag." First Test Retest No. Task Steps F F 1. Kneel at the head of the supine victim. Raise the victim's head and torso by 90 degrees so that the victim is leaning against you. Reach under the victim's arms, wrap your arms around the victim's chest, and lock your arms. Stand straight up using your legs. Drag the victim out. 4. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Chapter 12: Search and Rescue Candidate: Date: _____ Skill Drill 12-13 Fire Fighter I, 4.3.9 Performing a Webbing Sling Drag **Evaluator Instructions:** The candidate shall be provided with a victim to assist and webbing (hose strap). **Task:** Webbing sling drag. Performance Outcome: The candidate shall demonstrate the ability to safely drag a victim by using a webbing sling. Candidate Directive: "Safely drag a victim using a webbing sling." First Test Retest No. Task Steps F \mathbf{F} 1. Using a prepared webbing sling, place the victim in the centre of the loop so the webbing is behind the victim's back in the area just below the armpits. Take the large loop over the victim, and place it above the victim's head. Reach through, grab the webbing behind the victim's back, and pull through all the excess webbing. This creates a loop at the top of the victim's head and two loops around the victim's arms. If necessary, adjust your hand placement to protect the victim's head while 3. dragging. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Candidate: Date: _____ Skill Drill 12-14 Fire Fighter I, 4.3.9 **Performing a Fire Fighter Drag** Evaluator Instructions: The candidate shall be provided with a victim to assist and an object to use for tying the victim's hands. **Task:** Fire fighter drag. **Performance Outcome:** The candidate shall demonstrate the ability to safely drag a victim. Candidate Directive: "Safely drag a victim." **First Test** Retest No. Task Steps F \mathbf{F} 1. Tie the victim's wrists together with anything that is handy—a cravat (a folded triangular bandage), gauze, a belt, or a necktie. Get down on your hands and knees, and straddle the victim. 2. Pass the victim's tied hands around your neck, straighten your arms, and drag the 3. victim across the floor by crawling on your hands and knees. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: _____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Date: _____ Candidate: Skill Drill 12-15 Fire Fighter I, 4.3.9 Performing a One-Person Emergency Drag from a Vehicle **Evaluator Instructions:** The candidate shall be provided with a victim to assist from a vehicle. **Task:** One-person emergency drag from a vehicle. **Performance Outcome:** The candidate shall demonstrate the ability to safely drag a victim from a vehicle. Candidate Directive: "Safely drag a victim from a vehicle." First Test Retest No. Task Steps F Grasp the victim under the arms, and cradle his or her head between your arms. 1. Gently pull the victim out of the vehicle. Lower the victim down into a horizontal position in a safe place. Retest Approved By: Retest Evaluator: Evaluator Comments: _____ Candidate Comments: _____ Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 12: Search and Rescue Candidate: Date: Skill Drill 12-16 Fire Fighter I, 4.3.9 **Rescuing a Conscious Victim from a Window** Evaluator Instructions: The candidate shall be provided with full personal protective equipment, ladder, and a victim. **Task:** Rescuing a victim from a structure. **Performance Outcome:** The candidate shall be able to safely remove a victim from a structure. Candidate Directive: "Safely remove a victim from a structure and down a ladder." First Test Retest No. Task Steps F \mathbf{F} The rescue team places the ladder into the rescue position, with the tip of the ladder 1. just below the windowsill, and secures the ladder in place. The first fire fighter climbs the ladder, makes contact with the victim, and climbs inside the window to assist the victim. The fire fighter should make contact as soon as possible to calm the victim and encourage the victim to stay at the window until the rescue can be performed. 3. The second fire fighter climbs up to the window, leaving at least one rung available for the victim. When ready, the fire fighter advises the victim to slowly come out onto the ladder, feet first and facing the ladder. 4. The second fire fighter forms a semi-circle around the victim, with both hands on the beams of the ladder. The second fire fighter and victim proceed slowly down the ladder, one rung at a 5. time, with the fire fighter always staying one rung below the victim. If the victim slips or loses his or her footing, the fire fighter's legs should keep the victim from falling. The fire fighter can take control of the victim at any time by leaning in toward the ladder and squeezing the victim against the ladder. The fire fighter should verbalize each step and talk to the person being rescued to help reassure and calm him or her and encourage the person to keep his or her gaze forward. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments:

Evaluator: _____ Date: ____ Candidate Date: ____

Fundamentals of Fire Fighter Skills and Hazardous Materials Response, Canadian Fourth Edition Chapter 12: Search and Rescue Candidate: Date: Skill Drill 12-17 Fire Fighter I, 4.3.9 Rescuing an Unconscious Victim from a Window Evaluator Instructions: The candidate shall be provided with a victim, two partners, ladder, and full personal protective equipment. **Task:** Rescuing an unconscious victim from a window. Performance Outcome: The candidate shall demonstrate the ability to safely rescue a victim from a window and down a ladder. Candidate Directive: "Safely rescue a victim from a window and down a ladder." First Test Retest Task Steps No. F The rescue team sets up and secures the ladder in rescue position with the tip of the 1. ladder just below the windowsill. One fire fighter climbs up the ladder and enters the window to rescue the victim. 2. The second fire fighter climbs up to the window opening and waits for the victim. The second fire fighter places both hands on the rungs of the ladder, with one leg straight and the other horizontal to the ground with the knee at an angle of 90 degrees. The foot of the straight leg should be one rung below the foot of the bent leg. When both fire fighters are ready, the first fire fighter passes the victim out through the window and onto the ladder, keeping the victim's back towards the ladder. The victim is lowered so that he or she straddles the second fire fighter's leg. The fire fighter's arms should be positioned under the victim's arms, holding on to the rungs. The fire fighter keeps the balls of both feet on the rungs of the ladder to make it easier to move his or her feet. The fire fighter climbs down the ladder slowly, one rung at a time, transferring the victim's weight from one leg to the other. The victim's arms can also be secured around the fire fighter's neck. Retest Evaluator: Retest Approved By: Evaluator Comments: Candidate Comments:

Evaluator: _____ Date: ____ Candidate Date: ____

Retest Evaluator: Date: Retest Candidate Date:

Candidate: Date: Skill Drill 12-18 Fire Fighter I, 4.3.9 Rescuing an Unconscious Child or a Small Adult from a Window Evaluator Instructions: The candidate shall be provided with a child, two partners, ladder, and full personal protective equipment. **Task:** Rescuing an unconscious child from a window. **Performance Outcome:** The candidate shall demonstrate the ability to safely rescue an unconscious child from a window and down a ladder. Candidate Directive: "Safely rescue an unconscious child from a window and down a ladder." Retest First Test No. Task Steps F The rescue team sets up and secures the ladder in rescue position, with the tip 1. below the windowsill. The first fire fighter climbs the ladder and enters the window to assist the victim. The second fire fighter climbs the ladder to the window opening and waits to receive the victim. Both of the second fire fighter's arms should be level with his or her hands on the beams. When ready, the first fire fighter passes the victim to the second fire fighter so the victim is cradled across the second fire fighter's arms. The second fire fighter climbs down the ladder slowly, with the victim being held in his or her arms. The fire fighter's arms should stay level, and his or her hands should slide down the beams. Retest Approved By: Retest Evaluator: Evaluator Comments: Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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Candidate: Date: Skill Drill 12-19 Fire Fighter I, 4.3.9 **Rescuing a Large Adult from a Window Evaluator Instructions:** The candidate shall be provided with a victim, two ladders, full personal protective equipment, and manpower needed. **Task:** Rescuing a large adult. Performance Outcome: The candidate shall demonstrate the ability to safely rescue a large victim and bring down Candidate Directive: "Safely rescue the victim and bring down a ladder." First Test Retest No. Task Steps F The rescue team places and secures two ladders, side by side, in the rescue 1. position. The tips of the two ladders should be just below the windowsill. Multiple fire fighters may be required to enter the window to assist from the inside. 2. 3. Two fire fighters, one on each ladder, climb up to the window opening and wait to receive the victim. When ready, the victim is lowered down across the arms of the fire fighters, with one fire fighter supporting the victim's legs and the other supporting the victim's arms. Once in place, the fire fighters can slowly descend the ladder, using both hands to hold on to the ladder rungs. Retest Evaluator: Retest Approved By: Evaluator Comments: _____ Candidate Comments: Evaluator: _____ Date: ____ Candidate Date: ____ Retest Evaluator: _____ Date: _____ Retest Candidate Date: _____

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