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| **Evaluation Sheet: 5-284** | **Horizontal Ventilation** |

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| **Objective: You are the #4 FF on a Ladder Company that has arrived as the first due truck at a fire in a 2-story house. Your officer tells you that the company is going to search and vent. You are tasked with performing ventilation and providing egress. Complete in SFD time goal of 9:40. Do you have any questions?** |
| **Standard:**  NFPA 1001, 2019 Edition 4.2.3, 4.3.4, 4.3.6, 4.3.11, 4.3.18 | **Reference: BSM CH.5, Skills Sheets: 2-1, 5-33, 5-44, 5-45, 5-80.** |
| **Task: Communicate the fires location, check the basement, provide horizontal ventilation, and ensure egress.** |
| **Performance Outcome:** The candidate shall be able to provide coordinated ventilation, force entry, remove window bars, and shut off gas to building. |
| **Conditions:** Given full PPE (radio, turnouts, SCBA), 28’ ladder, halligan, NY hook, forcible entry saw, PPV fan, and 24’ ladder, the candidate will: |
| **No.** | **Task Steps** | **First Test** | **Retest** |
| **Pass** | **Fail** | **Pass** | **Fail** |
|  | Access Side Charlie. **TIME STARTS:** (when ladder is touched)1. Carry the ladder and tools to side Charlie and identify the fire’s location.
2. Place the ladder to floor 2 for egress from the most threatened bedroom.
3. Radio Command: **“Command from L90 Team Bravo, there is an unvented fire, floor 1 bedroom on the Charlie/Delta corner.”**
4. Cover (no skin visible, flaps down).
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|  | Check the basement.1. Use the baseball swing method to force an inward swinging back door.
2. Sweep for victims inside doorway and close the door.
3. Radio Command: **“Command from L90 Team Bravo, there is no fire in the basement.”**
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|  | Ventilate for fire (**AFTER** E90 has called “*water on the fire*”).1. FMR must be connected prior to performing the VENT.
2. Clear the glass and then the mullion from the fire room window (without standing directly in front of the vent point).
3. Radio Command: **“Command from L90 Team Bravo, ventilation point established.”**
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|  | Positive Pressure Ventilation (establish AFTER “water on the fire” or steam conversion visible and no contraindications of PPV).1. Size-up for PPV. **“There is no fire in the void spaces”.**
2. Start PPV fan facing away from entry path. Check for and state **“good steam conversion”** coming from vent point.
3. Direct the fan into the door the Engine entered at idle, slowly increase the fan to full throttle, and check seal on the door with exposed skin.
4. Evaluate the effectiveness of PPV at the vent point and state **“good smoke removal”** and check the eaves for any indications of hidden fire.
5. Radio Command: **“Command from L90 Team Bravo, PPV is established.”**
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|  | “Walk the path” with partner to ensure effectiveness, expand vent points as needed.1. Perform “buddy check” with partner.
2. Ensure open pathway between entry door and vent point.
3. Compartmentalize building.
4. Expand ventilation exit points as needed.
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|  | Shut off the natural gas. |  |  |  |  |
|  | Ensure Egress.1. Place a ladder to floor 2-bedroom window on side Alpha for egress.
2. Use the FE saw to cut window bars.
3. Use the gap-set-force method to force an inward swinging door (must use all techniques in order).
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|  | Close door on a tool. **TIME STOPS:** |
|  | Conduct all procedures in a safe and controlled manner. |  |  |  |  |
| **SFD Time Goal: N/A** |  |  |  |  |

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| Instructor/Candidate Comments: |  |
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| **Retest:** |  |  |  |  |  |  |
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| **Instructor (Print & Sign)** |  | **Date** |  | **Candidate** |  | **Date** |