



OUTSIDE TRUCK FUNCTIONS (1.1)

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- NFPA 1001

TASK SKILL DESCRIPTION AND DETAIL

➤ **Tactical and Strategic:**

- Outside truck functions are critical for the success and safety of all firefighters operating on a working structure fire. Each firefighter working on the outside truck functions needs to have the ability to recognize the needs of the incident and adjust their actions based on the strategic and tactical objectives of the incident. The firefighter needs to listen to the radio, anticipate the needs of the incident and make every attempt to meet those needs. Outside truck functions are generally completed from the roof down.

➤ **Outside Truck functions**

- **First Priorities**

- Initial Door force – For Engine company
- Secondary egress – Priorities based on life safety
 - Vertical Ventilation second ladder
 - Placed for egress for roof operations at opposite corner of initial ladder
 - Upper floor window ladders
 - First ladder placed between point of entry and fire location
 - Other ladders placed outward from fire location, one on each side of building where windows are present

(VES operations take priority over any other outside truck functions, ladders placed based on rescue needs)

- **Second Priority**

- Hardening exits
 - Doors
 - Windows
 - Lighting exits as appropriate

- **Third priorities**

- Utilities
 - Gas
 - Electric
- Lighting
 - Night time operations
- Positive Pressure Ventilation
- Tool gathering
 - Overhaul



- Salvage

➤ **How to do the task**

- **Initial Door force** – Assist Engine Company with forcible entry into the structure if necessary.
(Reference “Forcible Entry” chapter for additional information on techniques)
- **Secondary egress** – For roof operations and above ground interior fire attack.
 - Choose appropriate ladder and place on opposite corner of the vertical ventilation ladder, 3-5 rungs above the roof line
 - Upper floor ladders – One ladder to a window on every side of the building, on all floors above the first floor

(Reference “Ground Ladder” chapter for further information on proper ladder deployment)

- **Harden the exits**
 - Identify Exits that are LOCKED and UNLOCK them
 - Identify Exits that are BLOCKED and UNBLOCK them
 - Identify Exits that are NON-EXISTENT and make a plan to make an exit
 - Remember: LOCKED-BLOCKED-NON EXISTENT

Priority 1 Doors	Priority 2 Windows	Priority 3 Walls
Identify security devices, Locks, other hardware	Remove all glass, identify any security or high performance glass	Identify the softest way through (wall construction)
Remove door from frame	Remove window treatments	Consider storage on the interior side of the wall
Use blocks or chocks to hold open	Clear frame and opening or locking hardware if necessary	Attempt to find alternatives if this is a time consuming operation
Wedge open	Evaluate exit strategies from elevations—place ladders	Remove debris

- ❖ **Any Openings Made or Secured Should Be Reported to IC and Relayed to Crews**
- ❖ **Night time operations - provide lighting at egress points**

- **Utilities**
 - Gas – Locate gas meter or Propane tank and shut off valve
 - Electric – Locate meter and shut off from exterior
 - If electric shutoff is interior, contact support group supervisor and pass on information
 - Be willing to look beyond the immediate area. Shut-off may be on a nearby pole.
- **Lighting**



- Work with first due Engineer and make sure all sides of structure are well lit
 - **Positive Pressure Ventilation (PPV)**
 - Get fan to opening
 - Start fan and face it away from opening
 - Contact support group supervisor to let them know the fan is in place
 - Turn fan into the opening per the request of the Support group supervisor
- (Reference the "Ventilation" chapter for proper ventilation techniques)*
- **Tool Gathering**
 - Get tools staged for salvage and overhaul operations
 - **Truck set up**
 - Assist with setting up truck for access or defensive operations if needed
- **Radio traffic and Bench marks**
- **Egress**
 - Contact support group supervisor with location of ladder placements and secured egress points
 - **Utilities**
 - Benchmark – Utilities secured
 - **PPV**
 - Contact support group supervisor when fan is in place
- Outside truck function priorities are dependent on the incident. Firefighters operating in this role need to be aware of the ongoing operation and must have the ability to adjust their tasks based on the needed priority. All tasks at this level are based on providing safety to the crews working on the incident. Remember work from the roof down for prioritizing your tasks.