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Department of Public Safety Standards and Training
4190 Aumsville Hwy SE.
Salem, Oregon 97317
(503) 378-2100

Additional copies of this document may be downloaded from the DPSST web site:
http://www.oregon.gov/DPSST/FC/FireCertFormFree.shtml

Revised January 2019
NFPA Tower Rescue Signature Page

A copy of the applicant’s training must be included with the DPSST NFPA Technical Rescuer application when applying for NFPA Tower Rescue certification. Only a certified NFPA Technical Rescuer in that specialty area may sign off the Task Book.

Attest: The information contained in this Task Book is true and correct to the best of my knowledge. I understand that falsification of information on this document is subject to penalty under ORS 162.055, et al, and ORS 162.305 and is cause to deny or revoke DPSST fire service professional certification(s).

<table>
<thead>
<tr>
<th>NFPA Tower Rescue Task Book Assigned To:</th>
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<tr>
<td>Signature</td>
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<td>Signature of Certified Technician</td>
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Technical Rescuer Evaluators: Each Evaluator must document the following information:

Evaluator: Level of Technical Rescuer certification:
- [ ] Tower
- [ ] Rope - Operations
- [ ] Rope – Technician
- [ ] Structural Collapse
- [ ] Confined Space
- [ ] Vehicle
- [ ] Trench
- [ ] Machinery
- [ ] Surface Water
- [ ] Swiftwater
- [ ] Dive
- [ ] Surf
- [ ] Watercraft

Sections of chapter signed off by Evaluator:
- [ ] 5
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- [ ] 12
- [ ] 16
- [ ] 17
- [ ] 18
- [ ] 20

Signature of Evaluator  | Printed Name of Evaluator  | DPSST Fire Number  | Date  |
-------------------------|---------------------------|-------------------|-------|

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Task Book Qualification Record Books (Task Book) have been developed for various certification levels within the Oregon Department of Public Safety Standards and Training (DPSST) system. Each Task Book lists the job performance requirements (JPRs) for the specific certification level in a format that allows a candidate to be trained and evaluated during three (3) sequential sessions. Successful performance of all tasks, as observed and recorded by a qualified and approved evaluator will result in the candidate’s eligibility for DPSST certification.

To become certified at a specific level, the applicant must successfully complete the job performance requirements in sequence. Before a job performance evaluation can be taken, all requisite knowledge and skills must be satisfied. In addition, all relative task book evaluations must be checked off by the evaluator. When all prescribed requirements have been met, an application for Certification will be forwarded to DPSST. All certificates are mailed to the Training Officer at his/her Fire Service Agency.

**TASK BOOK SPECIFICATIONS:**
To successfully complete this task book, only an evaluator certified as an NFPA Vehicle Rescue may sign off on the JPR’s. ‘Requisite Knowledge’ sections may be completed during class and signed by the instructor. ‘Requisite Skills’ sections may be conducted and signed at the candidate’s fire agency.

**NFPA TASK BOOK INFORMATION:**
The JPRs covered in this Task Book meet or exceed all NFPA published standards for this certification level at the time of this publication. Mention of NFPA and its standards do not, and are not intended as adoption of—or reference to—NFPA standards. For more information on the complete job performance requirements and data, see the individual DPSST Task Book for that certification level.

**NOTE TO FIRE SERVICE AGENCIES:**
These JPRs serve as general guidelines. As such they are not intended to replace specific sequences of apparatus or equipment operation that may be outlined by manufacturer specifications. At all times, standard operating procedures of the Fire Service Agency in which the evaluation is being conducted will govern. Fire Service Agencies should have available for evaluators a copy of manufacturer specifications and the Fire Service Agencies standard operational guidelines.

*A vertical line (|) to the left of the document indicates a change from the previous standard.*

**HOW TO EVALUATE PERFORMANCE:**
Each JPR has one to three corresponding boxes to the right in which to confirm a candidate’s success. The evaluator must indicate successful passing by the candidate of each JPR by initialing and dating (see example on the following page).
Example:

4.1.1 Recognize the need for technical rescue resources at an incident, given AHJ guidelines, an operations- or technician-level incident, so that the need for additional resources is identified, the response system is initiated, the scene is secured and rendered safe until additional resources arrive, and awareness-level personnel are incorporated into the operational plan.
Prior to becoming certified in this position, the sample candidate must successfully complete the following Job Performance Requirements (JPR). For each JPR there are requisite knowledge and skill requirements. The evaluator must initial and date in the box provided to indicate the meeting of those requirements before the firefighter may proceed.

4.1 Awareness Level.
The job performance requirements defined in 4.1.1 through 4.1.5 shall be met prior to awareness-level qualification in tower rescue.

4.1.1 Recognize the need for technical rescue resources at an incident, given AHJ guidelines, an operations- or technician-level incident, so that the need for additional resources is identified, the response system is initiated, the scene is secured and rendered safe until additional resources arrive, and awareness-level personnel are incorporated into the operational plan.

(A) Requisite Knowledge. Operational protocols, specific planning forms, types of incidents common to the AHJ, hazards, incident support operations and resources, and safety measures.

(B) Requisite Skills. The ability to apply operational protocols, select specific planning forms based on the types of incidents, identify and evaluate various types of hazards within the AHJ, request support and resources, and determine the required safety measures.

4.1.2 Establish scene safety zones, given an incident, scene security barriers, incident location, incident information, and personal protective equipment (PPE), so that safety zones are designated, zone perimeters are consistent with incident requirements, perimeter markings can be recognized and understood by others, zone boundaries are communicated to incident command, and only authorized personnel are allowed access to the scene.

(A) Requisite Knowledge. Use and selection of PPE, zone or area control flow and concepts, types of control devices and tools, types of existing and potential hazards, methods of hazard mitigation, organizational standard operating procedure, and staffing requirements.
(B) **Requisite Skills.** The ability to select and use PPE, apply crowd control concepts, position zone control devices, identify and mitigate existing or potential hazards, and personal safety techniques.

4.1.3 Identify and support an operations- or technician-level incident, given an incident, an assignment, incident action plan, and resources from the tool kit, so that the assignment is carried out, progress is reported to command, environmental concerns are managed, personnel rehabilitation is facilitated, and the incident action plan is supported.

(A) **Requisite Knowledge.** AHJ operational protocols, hazard recognition, incident management, PPE selection, resource selection and use, scene support requirements including lighting, and ventilation and monitoring hazards zones.

(B) **Requisite Skills.** Application of operational protocols, function within an incident management system (IMS), follow and implement an incident action plan, report task progress status to supervisor or Incident Command.

4.1.4 Size up an incident, given an incident, background information, and applicable reference materials, so that the operational mode is defined, resource availability and response time are considered, types of rescues are determined, the number of victims is ascertained, the last reported location of all victims is established, witnesses and reporting parties are identified and interviewed, resource needs are assessed, search parameters are identified, and information required to develop an incident action plan is obtained.

(A) **Requisite Knowledge.** Types of reference materials and their uses, risk/benefit assessment, availability and capability of the resources, elements of an action plan and related information, relationship of size-up to the IMS, and information gathering techniques and how that information is used in the size-up process.

(B) **Requisite Skills.** The ability to read specific rescue reference materials, interview and gather information, relay information, manage witnesses, and use information sources.
4.1.5 Perform a tower rescue using an aerial truck or other similar equipment without ascending the tower, given an incident, the means to transfer the victim to the aerial apparatus, fall protection, and the rescue objective, so that risks to victims and rescue personnel are minimized.

(A) **Requisite Knowledge.** Standard operating procedure for aerial equipment, specific procedures for using aerial equipment for victim transfer from tower.

(B) **Requisite Skills.** Perform from or operate aerial equipment capable of accessing and rescuing the tower victim providing positive transfer from the tower to the aerial while providing fall protection to the victim and rescue personnel.

4.2 **Operations Level.** The job performance requirements defined in Section 5.2, Section 4.1, and 4.2.1 through 4.2.10 shall be met prior to operations-level qualification in tower rescue.

4.2.1 Participate in a prerescue survey given a tower rescue preplan, the specific tower targeted in the preplan, an operations-level tower rescue tool kit, and a tower rescue team, so that the targeted elevation in the tower is attained using the tools and techniques designated for use during a rescue operation, all elements of the rescue plan are implemented, and the full scope of the plan is exercised.

(A) **Requisite Knowledge.** Tower preplan, contents, and use of the operations-level tower rescue tool kit, and organizations’ policies and procedures for operations tower rescue.

(B) **Requisite Skills.** Tower climbing to the designated height, selection, and transportation of designated tools.

4.2.2 Isolate and manage exposure to potentially harmful energy sources found in erected structures, including power systems such as mechanical, radio frequency (RF), and electrical hazards, given lock-out tag-out (LOTO) equipment and construction materials and PPE, so that all hazards are identified, systems are managed, beneficial system use is evaluated, and hazards to rescue personnel and victims are minimized.
(A) **Requisite Knowledge.** Types and uses of PPE, hazardous energy monitoring and testing equipment, types of energy sources, system isolation methods, specialized system features, tools for disabling hazards, and policies and procedures of the AHJ.

(B) **Requisite Skills.** The ability to select and use task- and incident-specific PPE, monitor and test equipment, identify hazards, operate beneficial systems in support of tactical objectives, and operate tools and devices for securing and disabling hazards. Engage in practices that minimize exposure to known or suspected hazards.

4.2.3 **Assess the integrity of the tower structure and related components, given an incident, a preclimb checklist, and an unobstructed climb path so that safe access to the victim is assured, and determine any integrated safety systems such as vertical lifelines (cable or rail type structure) are accessible.**

(A) **Requisite Knowledge.** Types of structures within area of response including self-supported lattice type, guyed, monopole, or non-standard type towers, potential structural compromise that would create additional hazards to rescuers.

(B) **Requisite Skills.** Perform physical inspection of accessible tower components to determine structural integrity to the extent possible.

4.2.4 **Recognize, identify, and utilize typical fall protection and work positioning equipment used by climbers, given a specific tower structure, so that the victim can be transferred to the rescue system.**

(A) **Requisite Knowledge.** Review tower rescue preplan to gain familiarity with tower climber safety and work positioning equipment.

(B) **Requisite Skills.** Operate tower climber safety and work positioning equipment.

4.2.5 **Perform an ascent using proper PPE and safe climbing technique equipment, given an incident, so that access to the level of the victim is achieved.**

(A) **Requisite Knowledge.** Determine proper PPE given the type of tower structure and integrated temporary or permanent safety systems to perform safe climbing techniques.
4.2.6 Perform transfer between the ladder or climbing peg safety system, given an incident so that tie off is maintained, equipment is utilized, and procedures are followed as part of identified rescue plan.

(A) Requisite Knowledge. Familiarity with the engagement and disengagement procedures from vertical lifeline cable or rope grabs and the use of Y-lanyard and work positioning lanyards.

(B) Requisite Skills. Perform safe transfer between integrated vertical lifeline systems and climbing and maneuvering on the tower structure while maintaining tie off.

4.2.7 Access a victim in a tower environment according to the rescue preplan, given an incident so that the risks from a fall are minimized or eliminated, the patient is accessed, and the objective is achieved.

(A) Requisite Knowledge. Tactics identified in the rescue preplan. An understanding of fall factors and methods for reducing them for a rescuer performing tower climbing operations.

(B) Requisite Skills. The ability to implement the tactics and employ the tools identified in the preplan to achieve the objective.

4.2.8 Perform removal of a victim suspended from rope, webbing, or integrated safety system in a tower environment, given an incident, methods requiring up to a 15-degree deviation from plumb and can be performed with a tag line and a rescue preplan, so that there is a means of removal of the victim to the ground, risks to victims and rescuers are minimized, injury to the victim is minimized, the means of attachment to the rope rescue system is maintained, the elements of the preplan are maintained, and the objective is achieved.

(A) Requisite Knowledge. Tactics identified in the rescue preplan for the removal of a victim suspended from rope, webbing, or integrated safety system.
(B) **Requisite Skills.** Employ tactics identified in the rescue preplan for the removal of a victim suspended from rope, webbing, or integrated safety system.

4.2.9 Direct a team in removal of a victim suspended from rope, webbing, or integrated safety system in a tower environment given an incident, methods requiring up to a 15-degree deviation from plumb and can be performed with a tag line, a rescue preplan, a means of removal of the victim to the ground or other safe area, so that risks to victims and rescuers are minimized, injury to the victim is minimized, the means of attachment to the rope rescue system is maintained, the elements of the preplan are maintained, and the objective is achieved.

(A) **Requisite Knowledge.** Tactics identified in the rescue preplan for the removal of a victim suspended from rope, webbing, or integrated safety system.

(B) **Requisite Skills.** Direct the employment of tactics identified in the rescue preplan for the removal of a victim suspended from rope, webbing, or integrated safety system.

4.2.10 Develop and adhere to contingency plans for when inclement weather or other factors make operations-level response ineffective or dangerous to rescuers, given an incident so that a risk/benefit decision can be made.

(A) **Requisite Knowledge.** AHJ policies and procedures, risk versus benefit analysis application, site safety and hazard control techniques, and pre-incident rescue action planning.

(B) **Requisite Skills.** Apply policies and protocols, apply risk versus benefit analysis information, apply pre-incident planning data, risk management, and site safety control techniques.
4.2.11 * Terminate an incident, given PPE specific to the incident, isolation barriers, and tool kit, so that rescuers and bystanders are protected and accounted for during termination operations; the party responsible is notified of any modification or damage created during the operational period; documentation of loss or material use is accounted for, scene documentation is performed, scene control is transferred to a responsible party; potential or existing hazards are communicated to that responsible party; debriefing and postincident analysis and critique are considered, and command is terminated.

(A) **Requisite Knowledge.** PPE characteristics, hazard and risk identification, isolation techniques, statutory requirements identifying responsible parties, accountability system use, reporting methods, postincident analysis techniques.

(B) **Requisite Skills.** Selection and use of task and hazard-specific PPE, decontamination, use of barrier protection techniques, data collection and recordkeeping/reporting protocols, postincident analysis activities.

**4.3 Technician Level.** The job performance requirements defined in Section 4.2 and 4.3.1 through 4.3.5 shall be met prior to technician-level qualification in tower rescue.

4.3.1 Direct a tower rescue team, given a tower rescue technician-level scenario, incident action plan, preincident plan data, and resources from the tower rescue tool kit, so that resources are deployed to best advantage, the incident action plan is supported, and objectives are attained.

(A) **Requisite Knowledge.** AHJ policies and procedures, incident management, site safety and hazard control techniques, and preplan usage.

(B) **Requisite Skills.** Interpret and apply policies and protocols, initiate and operate within the IMS, situational awareness, interpret and apply preincident planning data, risk management, and site safety control techniques.
4.3.2 * Develop an incident action plan for a technician-level tower rescue incident on a structure that might accommodate only one rescuer, given an unfamiliar (not preplanned) tower rescue scenario, so that a climbing path plan is established in the absence of an integrated ladder, climbing pegs, or an integrated vertical lifeline, hazardous energy sources are identified and managed, fall protection is maintained throughout the event, anchor points are identified and utilized to best advantage, and the incident application plan objectives are met.

(A) **Requisite Knowledge.** AHJ policies and procedures, data gathering and collection methods, climbing plan elements, anchor point identification and construction methods, hazardous energy source recognition, identification and control methods, free climb ascent and descent techniques, and fall protection methods.

(B) **Requisite Skills.** Size-up and assessment, hazard identification and control, identification and control of hazardous energy sources, use of monitoring equipment to detect hazardous energy sources, construction of anchor and belay systems, and selection of PPE and other resources from the tower rescue tool kit.

4.3.3 * Ascend a simulated or actual tower to conduct a technician-level rescue, given an incident action and site safety plan, so that a pre-climb checklist is used, fall protection systems are utilized, horizontal lifelines are utilized, the rescuer transitions between structural elements of the tower and the rescue system, and the objectives of the incident action plan are attained in a safe and expedient manner.

(A) **Requisite Knowledge.** Incident action plan data, preclimb checklist data, identification of site specific tower features and components, type- and hazard-specific PPE selection, and climbing plan development.

(B) **Requisite Skills.** Use of incident action plans, development and use of preclimbing checklists and site safety plans, types of fall protection and lifeline systems, tower anatomy and features, climbing techniques and methods, ground-based tower rescue techniques.
4.3.4 Perform a technician-level ground-based tower rescue requiring the release of an entrapped victim from an elevated position, given an incident action plan, climbing plan, task-specific PPE, and resources from the tower rescue tool kit, so that the victim is released/transfered from an existing fall arrest system to one created by the rescuer, and the victim moved both horizontally and vertically a distance representative of demonstrating competency.

(A) **Requisite Knowledge.** Incident action plan data, hazard and risk assessment, climbing plan elements, PPE selection and use, types of fall protection systems, fall protection system transfer procedures, and horizontal and vertical movement methods.

(B) **Requisite Skills.** Data collection and analysis, scene assessment, hazard control techniques, PPE use and application, fall protection system operation, horizontal and vertical climbing and movement techniques.

4.3.5 Perform a technician-level tower-based rescue requiring the release of an entrapped victim from an elevated position in excess or a height allowing for ground-based rescue, given an incident action plan, climbing plan, task-specific PPE, and resources from the tower rescue tool kit, so that the victim is released/transfered from an existing fall arrest system to one created by the rescuer and the victim is moved both horizontally and vertically a distance representative of demonstrating competency.

(A) **Requisite Knowledge.** Incident action plan data, hazard and risk assessment, climbing plan elements, PPE selection and use, types of fall protection systems, fall protection system transfer procedures, and horizontal and vertical movement methods.

(B) **Requisite Skills.** Data collection and analysis, scene assessment, hazard control techniques, PPE use and application, fall protection system operation, horizontal and vertical climbing and movement techniques, and tower-based rescue techniques including multi-pitch techniques.