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(916) 568-2911
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Purpose and Process

The State Fire Training Student Task Book is a performance-based document. It lists the Classroom, Experience or Position, and Job Performance requirements for course completion.

Purpose

Task Book focuses on a single State Fire Training course and identifies the minimum requirements necessary to perform the duties of the course. Completion of this student Task Book verifies that the candidate has the required experience, holds the required rank or position, and has demonstrated the job performance requirements necessary to obtain that course completion certificate.

Responsibilities

Registered Instructor Responsibilities

A Registered instructor will only issue the Task Book after verifying the candidate has:

- Low-Angle Rope Rescue Operations (LARRO, 2010)
- Incident Command Systems 200 (Basic ICS)
- State Fire Training Auto Extrication (1996), SFT Vehicle Extrication (2015), or AHJ equivalent
- It is recommended that participants have completed the requirements of the authority having jurisdiction’s (AHJ’s) swim test.

Candidate Responsibilities

The candidate is the individual pursuing course completion. All candidates shall:

- Complete the Experience, Position, and Job Performance Requirements.
- Sign and date the Candidate verification statement with an original wet-ink signature.
- Retain a copy of the completed student Task Book.

Evaluator Responsibilities

An evaluator is any Registered Instructor at the course conducted in accordance to the Course Plan.

A task book may have more than one evaluator. All evaluators shall:

- Complete a block on the Signature Verification page with an original wet-ink signature.
- Review and understand the candidate's task book requirements and responsibilities.
• Verify the candidate’s successful completion of one or more job performance requirements through observation or review.
• Sign all appropriate lines in the task book with an original wet-ink signature to record demonstrated performance of tasks.

### Completion Process

When you receive your Task Book:

1. Thoroughly review the Experience, Position, and Job Performance Requirements segments to make sure that you understand them.
2. Complete the Experience segment.
3. Complete the Position segment.
4. Complete each requirement in the Job Performance Requirements segment and ensure that an evaluator signs and dates each one to verify completion.
Signature Verification

The following individuals have the authority to verify portions of this certification task book using the signature recorded below.

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**Task Book Requirements**

**Experience**

The candidate meets one of the following requirements for experience.

- [ ] A minimum of two years’ full-time paid experience in a California fire agency.
- or
- [ ] A minimum of four years part-time paid or volunteer experience in a California fire agency.

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<tr>
<th>Assignment</th>
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Please attach additional pages if more space is needed to document experience.

**Position**

The candidate meets the following qualifications for position. Performing in an acting capacity does not qualify.

Held the position of fire fighter or performed rescue duties within a California fire agency

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<th>Position</th>
<th>Agency</th>
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Course Performance Requirements

All job performance requirements must be performed in accordance with the standards of the authority having jurisdiction (AHJ) or the National Fire Protection Association (NFPA), whichever is more restrictive.

Managing a Water Rescue Incident

Describe the components of managing a water rescue incident, given a variety of water rescue scenarios, the standards, and the policies and procedures of the AHJ. (OSFM)

_____ Describe the scope and practice and standards.

_____ Describe rescue priorities:

  • Low to high risk
  • Rescue vs. recovery

_____ Describe legal considerations and practices.

_____ Describe the relevant components of the Incident Command System.

_____ Describe FIRESCOPE ICS-US&R 120-1 and 120-2 Operational System Description.

_____ Describe the actions taken to terminate and demobilize an incident.

Date Completed: ___________ Evaluator Verification: ___________

Describing Dynamic Hydrology

Describe dynamic hydrology as it relates to rivers, channels, and floods, given a variety of water environments. (OSFM)

_____ Describe the forces of dynamic water.

_____ Describe how to determine current speed.
_____ Describe how to determine cubic feet of water per second in a given river/channel.

_____ Describe river orientation.

_____ Identify river/channel features created by moving water.

_____ Classify rivers.

_____ Define the following terms:

- Upstream
- Downstream
- River right
- River left
- Volume (cubic feet per second)
- Laminar flow
- Helical flow
- Eddies
- Eddy line
- Strainers
  - Sieves
- Pilows
- Upstream and downstream
- Low-head dam
- Hole
  - Smiling/closed
  - Frowning/open
- Hydraulic
- Standing waves (haystacks)
- Aerated water
- Current vector

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**Evaluating Hazards and Identifying Safe Current Vectors and Safety Zones**

Evaluate hazards in moving water, identify safe current vectors for navigation, and locate safety zones, given a variety of water environments. (OSFM)

_____ Identify and describe hazards associated with river and flood rescue.
_____ Identify safe navigation current vectors.

_____ Identify areas and features that are safe zones in dynamic water environments.

Date Completed  
Evaluator Verification

Managing and Performing a Victim Search

Describe the management of and perform a victim search given a dynamic water emergency. (OSFM)

_____ Describe search fundamentals:
• LAST, PLS, POD

_____ Describe witness management.

_____ Identify different tools used for searches.

_____ Describe reconnaissance, hasty (rapid), primary, and secondary search.

_____ Perform reconnaissance, hasty (rapid), primary, and secondary searches.

Date Completed  
Evaluator Verification

Identifying and Managing a Victim

Identify and manage a victim, given a dynamic water emergency. (OSFM)

_____ Describe victim behavior.

_____ Describe management of family and bystanders.

_____ Describe medical considerations.

_____ Demonstrate water rescue c-spine techniques.

_____ Demonstrate a contact swim with a combative victim.

_____ Demonstrate a towed swim with a victim.

Date Completed  
Evaluator Verification
Describing and Using Multiple Communication Forms

Describe and use multiple forms of communication used for dynamic water operations, given an incident, whistles, and hand signals. (OSFM)

_____ Describe the difficulties of communications in water rescue environment.

_____ Describe forms of communication and their use.

_____ Demonstrate forms of communication.

Date Completed \hspace{3cm} Evaluator Verification

Describing Floods, Hazards, and Evacuation Procedures

Describe types and causes of floods and describe hazards and evacuation procedures associated with flood rescue operations, given a variety of incidents, the ICS FOG, and the DOT-ERG. (OSFM)

_____ Describe types of floods.

_____ Describe the evolution of a flood.

_____ Describe utility hazards in flood environments.

_____ Describe hazardous material exposure, protection, and decontamination.

_____ Describe flood search, rescue, and evacuation procedures.

_____ Describe management of pets and livestock.

Date Completed \hspace{3cm} Evaluator Verification

Describing Rescue of Vehicle Occupants

Describe the procedures and hazards associated with rescuing occupants, given a scenario involving a vehicle in dynamic water. (OSFM)

_____ Describe sizing up the factors and hazards relating to a vehicle in moving water:

- Velocity
- Depth
- Width
- Bottom composition
### River Flood Rescue Technician

<table>
<thead>
<tr>
<th>Course Performance Requirements</th>
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<tr>
<td>• Speed of car when it enters the water</td>
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<td>• Angle of car when it enters the water</td>
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<tr>
<td>• Number and condition of occupants</td>
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<tr>
<td>• Describe vehicle stability in dynamic water</td>
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_____ Describe rescue considerations:

- In-water techniques
- Shore-based techniques

_____ Describe victim management.

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### Demonstrating Boat Rigging, Handling, Navigation, and Emergency Procedures

Describe and demonstrate rigging and basic handling of, navigation with, and emergency procedures for nonmotorized rescue boats, given a nonmotorized rescue boat and equipment. (OSFM)

_____ Describe different types of nonmotorized rescue boats, including but not limited to:

- Rafts
- IRBs
- Jon boats

_____ Describe the components of a boat.

_____ Describe boat positions.

_____ Describe navigation options.

_____ Describe emergency procedures:

- Crew and victim retrieval
- Parbuckling
• Boat wraps

_____ Demonstrate how to paddle and maneuver a boat.

_____ Demonstrate how to right a flipped boat.

_____ Demonstrate how to unwrap a pinned boat.

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**Using Personal Protective Equipment**

Identify, don, doff, and maintain PPE for water rescue operations, given personal protective equipment (PPE) and United States Coast Guard (USCG) standards for personal flotation devices (PFD). (OSFM)

_____ Describe the types and use of PPE.

_____ Describe USCG standards for PFD.

_____ Describe the different types of PFD.

_____ Describe donning and doffing of PPE.

_____ Demonstrate donning and doffing of PPE.

_____ Describe proper care and maintenance of PPE.

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**Operating Basic Rescue Equipment**

Identify and operate basic equipment used for water rescue operations, given rescue equipment, a victim, and a dynamic water environment. (OSFM)

_____ Describe the equipment used in water rescue.

_____ Describe the use and limitations of each type of equipment.

_____ Demonstrate the use of each piece of equipment.

_____ Describe safety considerations when using each piece of equipment.

_____ Describe maintenance and storage of each piece of equipment.

Performing Dynamic Water Rescue Skills

Perform rescue skills, given a dynamic water environment, PPE, a victim, and rescue equipment. (OSFM)

_____ Demonstrate how to swim in dynamic water.

_____ Describe the techniques used for water rescue incidents.

_____ Select the proper technique for each rescue situation.

_____ Describe and demonstrate rescue swimmer techniques:
  • Basic swim
  • Ferry angle
  • Strainer
  • Eddy hopping
  • Surfing

_____ Describe and demonstrate shallow water crossings.

_____ Describe and demonstrate use of quick release buckle systems (blowout drill).

_____ Describe and demonstrate tethered swimmer operation.

_____ Describe and demonstrate board rescues.

_____ Describe and demonstrate foot and body entrapment rescue techniques.
Demonstrating Technical Rope Rescue Skills

Describe and perform technical rope rescue skills, given a dynamic water environment, PPE, a victim, and rescue equipment. (OSFM)

_____ Describe the technical rope rescue systems used for dynamic water rescue incidents:
   • Line-crossing equipment and techniques

_____ Select the proper system for each rescue situation.

_____ Describe and demonstrate tethered boat techniques.
   • Two-point
   • Other techniques

_____ Describe and demonstrate the use of tension diagonal for victim retrieval.

_____ Describe and demonstrate the use of a rescue boat on highline systems.

Date Completed
Evaluator Verification
Verification

Candidate

Candidate: ___________________________________________________

Candidate’s Printed Name

I, the undersigned, am the person applying for course completion. I hereby certify under penalty of perjury under the laws of the State of California, that completion of all experience, position, and job performance requirements made herein are true in every respect. I understand that misstatements, omissions of material facts, or falsification of information or documents may be cause for rejection or revocation.

Date Completed ___________________________ Candidate’s Signature ___________________________

Instructor

I verify that the candidate has met all requirements for this course completion certificate.

SFT ID Number ___________________________ SFT Registered Instructor Printed Name ___________________________

Date Completed ___________________________ SFT Registered Instructor Signature ___________________________