Non-Motorized Watercraft Rescue Technician
(NFPA 1006: Watercraft Rescue Awareness/Operations/Technician)

Instructor Task Book (2021)

California Department of Forestry and Fire Protection
Office of the State Fire Marshal
State Fire Training

Overview

Authority

This instructor task book includes the training standards set forth in:
- NFPA 1006: Standard for Technical Rescue Personnel Professional Qualifications (2021)

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Cover photo courtesy of Sean Norman, Division Chief, CAL FIRE.

Purpose

The State Fire Training instructor task book is a performance-based document. It lists the minimum requirements a candidate must meet to teach a specific State Fire Training course or course series.

Assumptions

Except for Fire Fighter and Emergency Vehicle Technician (EVT) certifications, a candidate may begin the task book initiation process upon completion of all required education components (courses).

Each job performance requirement (JPR) shall be evaluated after the candidate initiates the task book.

State Fire Training task books do not count towards the NWCG task book limit. There is no limit to the number of State Fire Training task books a candidate may pursue at one time if the candidate meets the initiation requirements for each.

It is the candidate's responsibility to routinely check the State Fire Training website for updates to an initiated task book. All State Fire Training issued updates to an initiated task book are required for task book completion.

A candidate must complete a task book within three years of its initiation date. Otherwise, a candidate must initiate a new task book using the curriculum's current published version.

Roles and Responsibilities

Candidate

The candidate is the individual pursuing instructor registration.

Initiation

The candidate shall:
1. Complete the Initiation Requirements section.
   - Please print.
2. Complete a block on the Signature Verification page with a handwritten signature.

Completion

The candidate shall:
1. Complete all Job Performance Requirements.
   - Ensure that an evaluator initials, signs, and dates each task to verify completion.
2. Complete the Completion Requirements section.
3. Sign and date the Candidate verification section on the Review and Approval page with a handwritten signature.
4. Obtain their fire chief's handwritten (not stamped) signature on the Fire Chief verification section on the Review and Approval page.
5. Create and retain a physical or high-resolution digital copy of the completed task book.

Submission

The candidate shall:
1. Submit a copy (physical or digital) of the completed task book and any supporting documentation to State Fire Training.
   - See Submission and Review below.

A candidate should not submit a task book until they have completed all requirements and obtained all signatures. State Fire Training will reject and return an incomplete task book.

Evaluator

An evaluator is any individual who verifies that the candidate can satisfactorily execute a job performance requirement (JPR).

A qualified evaluator is a Registered Non-Motorized Watercraft Rescue Technician Instructor designated by the candidate's fire chief (or authorized designee). For instructor task books that do not require fire chief initiation, academy instructors serve as or designate evaluators.

All evaluators shall:
1. Complete a block on the Signature Verification page with a handwritten signature.
2. Review and understand the candidate's instructor task book requirements and responsibilities.
3. Verify the candidate's successful completion of one or more job performance requirements through observation.
   - Do not evaluate any job performance requirement (JPR) until after the candidate initiates the task book.
   - Sign all appropriate lines in the instructor task book with a handwritten signature or approved digital signature (e.g., DocuSign or Adobe Sign; a scanned copy of a signature is not acceptable) to record demonstrated performance of tasks.

Fire Chief

The fire chief is the individual who initiates (when applicable) and then reviews and confirms the completion of a candidate's instructor task book.

A fire chief may identify an authorized designee already on file with State Fire Training to fulfill any task book responsibilities assigned to the fire chief. (See *State Fire Training Procedures Manual*, 4.2.2: Authorized Signatories)

Initiation

The fire chief shall:
1. Review and understand the candidate's instructor task book requirements and responsibilities.
2. Complete a block on the Signature Verification page with a handwritten signature.
3. Designate qualified evaluators.

Completion

The fire chief shall:
1. Confirm that the candidate has obtained the appropriate signatures to verify successful completion of each job performance requirement.
   - Ensure that all job performance requirements were evaluated after the initiation date.

2. Confirm that the candidate meets the Completion Requirements.
3. Sign and date the Fire Chief verification statement under Review and Approval with a handwritten signature.
   - If signing as an authorized designee, verify that your signature is on file with State Fire Training.

Submission and Review

A candidate should not submit a task book until they have completed all requirements and obtained all signatures. State Fire Training will reject and return an incomplete task book.

To submit a completed task book, please send the following items to the address below:
1. A copy of the completed task book (candidate may retain the original)
2. All supporting documentation
3. Payment

State Fire Training
Attn: Instructor Registration
PO Box 944246
Sacramento, CA 94244-2460

State Fire Training reviews all submitted task books.
- If the task book is complete, State Fire Training will authorize the task book and retain a digital copy of the authorized task book in the candidate's career file.
- If the task book is incomplete, State Fire Training will return the task book with a notification indicating what needs to be completed prior to resubmission.

Completion of this instructor task book is one step in the instructor registration process. Please refer to the *State Fire Training Procedures Manual* for the complete list of qualifications required to teach Non-Motorized Watercraft Rescue Technician (2021).

Initiation Requirements

The following requirements must be completed prior to initiating this task book.

Candidate Information

Name: _____

SFT ID Number: _____

Fire Agency: _____

Initiation Date: _____

Prerequisites

The candidate meets one of the following prerequisites.

1. OSFM Fire and Emergency Services Instructor 1 (or equivalent) Certification
2. OSFM Registered Instructor

Include documentation to verify prerequisite requirements when you submit your instructor task book unless verification is already documented in your SFT User Portal.

Education

The candidate has completed one of the following courses.

1. Non-Motorized Watercraft Rescue Technician (2021)

Include documentation to verify education requirements when you submit your instructor task book unless verification is already documented in your SFT User Portal.

Fire Chief Approval

State Fire Training confirms that a fire chief's approval is not required to initiate this task book.

Signature Verification

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

Please print except for the Signature line where a handwritten signature is required.
Add additional signature pages as needed.

Name: _____   **Name:** _____

Job Title: _____   Job Title: _____

Organization: _____   Organization: _____

Signature: _____   Signature: _____

Name: _____   **Name:** _____

Job Title: _____   Job Title: _____

Organization: _____   Organization: _____

Signature: _____   Signature: _____

Name: _____   **Name:** _____

Job Title: _____   Job Title: _____

Organization: _____   Organization: _____

Signature: _____   Signature: _____

Name: _____   **Name:** _____

Job Title: _____   Job Title: _____

Organization: _____   Organization: _____

Signature: _____   Signature: _____

Name: _____   **Name:** _____

Job Title: _____   Job Title: _____

Organization: _____   Organization: _____

Signature: _____   Signature: _____

Job Performance Requirements

The candidate must complete each job performance requirement (JPR) in accordance with the standards of the authority having jurisdiction (AHJ) or the National Fire Protection Association (NFPA), whichever is more restrictive.

When California requirements exceed or require revision to the NFPA standard, the corresponding Office of the State Fire Marshal approved (OSFM) additions or revisions appear in gray shading.

All JPRs must be completed within a California fire agency or State Fire Training Accredited Regional Training Programs (ARTP).

Each JPR shall be evaluated after the candidate initiates the task book.

Each task must be performed twice.
- The two instances must occur during two different courses.
- The same evaluator cannot sign off on the same task twice.
- In the tables, E1 represents the candidate's first evaluation and E2 represents their second evaluation.

Examples of correct and incorrect evaluation:

Correct: Task completed during two separate courses and evaluated by two separate individuals.

1. Assemble a comprehensive burn plan ("burn book") that contains all documentation necessary to conduct a live fire training evolution in accordance with NFPA standards and the policies and procedures of State Fire Training (SFT) and the authority having jurisdiction (AHJ).	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe purpose of a live fire burn plan	AAA123	2/8/18	JAS	BBB123	5/15/18	CWJ
b. Identify components of a live fire burn plan ("burn book")	AAA123	2/8/18	JAS	BBB123	5/15/18	CWJ
c. Identify records-retention requirements for burn plans	AAA123	2/8/18	JAS	BBB123	5/15/18	CWJ

Incorrect: Task completed twice during one course but evaluated by two separate individuals.

1. Assemble a comprehensive burn plan ("burn book") that contains all documentation necessary to conduct a live fire training evolution in accordance with NFPA standards and the policies and procedures of State Fire Training (SFT) and the authority having jurisdiction (AHJ).	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe purpose of a live fire burn plan	AAA123	2/8/18	JAS	AAA123	2/8/18	CWJ
b. Identify components of a live fire burn plan ("burn book")	AAA123	2/8/18	JAS	AAA123	2/8/18	CWJ
c. Identify records-retention requirements for burn plans	AAA123	2/8/18	JAS	AAA123	2/8/18	CWJ

Incorrect: Task completed during two separate courses but evaluated by the same individual.

1. Assemble a comprehensive burn plan ("burn book") that contains all documentation necessary to conduct a live fire training evolution in accordance with NFPA standards and the policies and procedures of State Fire Training (SFT) and the authority having jurisdiction (AHJ).	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe purpose of a live fire burn plan	AAA123	2/8/18	JAS	BBB123	5/15/18	JAS
b. Identify components of a live fire burn plan ("burn book")	AAA123	2/8/18	JAS	BBB123	5/15/18	JAS
c. Identify records-retention requirements for burn plans	AAA123	2/8/18	JAS	BBB123	5/15/18	JAS

Non-Motorized Watercraft Rescue Technician Instructor

Course Administration and Application

1. Course administration and orientation	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Complete and submit course scheduling request						
b. Order student textbooks (if applicable)						
c. Identify facility requirements						
d. Confirm facilities set up and safety						
e. Identify classroom requirements						
f. Confirm equipment (based on number of students)						
g. Complete instructor assignments						
h. Organize skill stations (location, equipment, timing, complexity)						
i. Confirm prop set up and safety						
j. Complete class rosters						
k. Review course syllabus						

Water Rescue Review

2. Select and use personal protective equipment (Topic 2-1)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe hazards present on and near water and aboard watercraft used by AHJ (including those presented by weather, current, water conditions) and their capacities						
b. Describe types and uses of and selection criteria for PPE						
c. Describe capabilities and limitations of hazard-specific PPE and personal flotation devices						
d. Identify manufacturer's recommendations for PPE						
e. Describe pre-operational checklists for PPE						
f. Describe how to don and doff PPE						
g. Describe distress signals						
h. Describe personal escape techniques						
i. Describe how to care for and maintain PPE						
j. Inspect PPE						
k. Use pre-operation checklists						
l. Select personal flotation devices, water rescue helmets, and personal protective clothing and equipment						
m. Locate, identify, don, and doff PPE (including water rescue helmets and water insulating garments)						
n. Communicate distress signals						
o. Use emergency escape procedures						

3. Describe dynamic hydrology and identify travel paths (Topic 2-2)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe the forces of dynamic water						
b. Describe how to calculate current speed						
c. Describe how to calculate water volume (cubic feet of water per second) in a river/channel						
d. Describe river orientation and where to place personnel						
e. Describe features created by moving water and how they impact water rescue operations						
f. Identify areas and features that are safe zones in dynamic water environments						
g. Identify river classifications						
h. Describe effects of hydrodynamic forces on rescuers and victims						
i. Describe criteria for selecting victim retrieval locations based on water environment and conditions						
j. Describe techniques used to navigate dynamic water and identify travel paths and hazards						
4. Manage a water rescue incident (Topic 2-3)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe water rescue scope of practice and standards						
b. Describe policies/procedures for rescue team activation						
c. Describe legal considerations and practices						
d. Describe the discipline-specific components of the Incident Command System						
e. Describe rescue priorities						

f. Describe how to recognize the need for technical rescue resources						
5. Perform self-rescue and survival swimming skills (Topic 2-4)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe effects of hypothermia and cold-water immersion						
b. Describe crew and passenger accountability						
c. Describe survival scenarios and skills						
d. Assess hydrology and hazards of environment prior to entering water						
e. Identify travel paths and hazards						
f. Float and move through water to reach a point of egress or await rescue while conserving body heat						

Communications and Navigation

6. Communicate between watercraft and rescuers (Topic 3-1)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe methods of communication available to rescuer						
b. Describe equipment limitations based on weather conditions, visibility, and distance from intended recipient						
c. Describe communication procedures specific to USCG						
d. Select and utilize available communication tools such as radios, hand signals, lights, audible signals, and loud hailers for the specific environment to communicate information						

7. Interpret navigational aids and devices (Topic 3-2)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe navigation rules and regulations that govern vessel operation in navigable waters						
b. Describe how to use physical and app-based navigation devices						
c. Identify types of visual aids and navigation markers						
d. Describe how to interpret visual aids and navigation markers						
e. Describe how to use navigational aids						
f. Describe how to determine right of way for various types of vessels						
g. Describe how directional aids assist in navigation and determining right of way						
h. Interpret markers, lights, and signals to determine a course that will avoid other vessels						
8. Plot a course (Topic 3-3)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe how to operate conventional and electronic navigation tools used by the agency						
b. Describe how to plot a course						
c. Determine location, heading, and speed to achieve the desired outcome						

Watercraft Components and Terminology

9. Identify types of watercraft (Topic 4-1)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Identify types of watercraft used by organization						
b. Identify hull design and watercraft components						
c. Identify propulsion (motor) components						
d. Describe factors that help determine watercraft selection and use						
e. Describe common types of rescue watercraft						
f. Identify watercraft characteristics that affect its selection for use in a specific environment for a specific mission						
10. Assemble and configure watercraft (Topic 4-2)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe how to assemble an IRM/MIRB watercraft						
b. Describe how to assemble a Jon boat						
c. Describe how to assemble a PRWC						
d. Describe watercraft equipment and components and where to place it in the vessel						
e. Describe rescue equipment to carry on watercraft						
f. Describe location of emergency equipment and how to operate and deploy it						
g. Describe how to configure a watercraft						
h. Identify fittings, portals, and other equipment						

11. Trailer a watercraft (Topic 4-3)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Identify trailers components						
b. Describe safety considerations associated with trailering operations						
c. Describe how to back up a trailered watercraft						
d. Describe trailer positioning						
e. Describe considerations for unimproved launches						
f. Conduct a pre-trip trailer inspection						
g. Load and secure a watercraft on a trailer						
h. Launch a watercraft from a trailer						
i. Recover a watercraft onto a trailer						
12. Conduct watercraft pre- and post-operational checks (Topic 4-4)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe watercraft system operational procedures and readiness checks						
b. Identify components to inspect						
c. Check proper fluid levels, charges, connections, and lubrication of systems and connections						
d. Describe AHJ procedures for watercraft shutdown operations						
e. Describe how to shut down a watercraft						

Initial Incident Actions

13. Size up a watercraft rescue incident (Topic 5-1)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe how to conduct a size up						
b. Describe types of reference materials and their uses						
c. Describe how to conduct a risk/benefit assessment						
d. Describe information-gathering techniques and how that information is used in the size-up process						
e. Describe elements of an incident action plan and related information						
f. Describe how size up relates to the incident management system						
g. Describe basic search criteria for watercraft rescue incidents						
h. Read technical rescue reference materials						
i. Gather information						
j. Evaluate site conditions						
k. Relay information						
l. Use interview techniques						
m. Manage witnesses						
n. Use information-gathering sources						

14. Recognize incident hazards and initiate isolation procedures (Topic 5-2)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe hazards created by or associated with watercraft rescue, including risks to rescuers and victims						
b. Describe types of mitigation and isolation equipment and their use						
c. Describe operational requirement concerns						
d. Describe types of technical references (apps)						
e. Describe methods for controlling access to the scene						
f. Initiate mitigation and isolation procedures						
15. Identify when to contact local and federal authorities (Topic 5-3)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Identify conditions that require notification of local and federal authorities						
b. Identify organizations or authorities to contact						
c. Describe laws, regulations, and standards that identify conditions that require notification of outside agencies						
d. Describe methods of notification						
e. Describe required other actions						
f. Perform methods of notification						
16. Recognize the need for technical rescue resources (Topic 5-4)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe types of incidents common to the AHJ						

b. Describe how to recognize the need for technical rescue resources						
17. Initiate a discipline-specific search (Topic 5-5)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe AHJ policies and procedures						
b. Identify required resources for performing a search						
c. Describe how data collection and map applications can assist with victim searches						
d. Describe search fundamentals						
e. Describe witness management						
f. Identify different tools used for searches						
g. Describe general water search categories						
h. Describe search types						
i. Describe how to operate in the site-specific environment						
j. Describe how to transfer victims to responders						
k. Perform reconnaissance, hasty (rapid), primary, and secondary searches						
l. Communicate actions to a shore-based incident commander						
m. Coordinate multivessel rescue activities						
n. Enter, maneuver in, and exit the search environment						
o. Provide for and perform self-escape and self-rescue						

18. Support an operations- or technician-level incident (Topic 5-6)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe AHJ operational protocols						
b. Describe scene support requirements						
c. Describe support procedures						
d. Identify how to avoid becoming a hazard or victim						
e. Execute basic support skills						
19. Perform ground support operations for helicopter activities (Topic 5-7)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe ground support operations relating to helicopter use and deployment						
b. Describe operation plans for helicopter service activities						
c. Describe type-specific PPE						
d. Describe aircraft familiarization and hazard areas specific to helicopters						
e. Describe scene control and landing zone requirements						
f. Describe aircraft safety systems						
g. Describe communication protocols						
h. Provide ground support operations						
i. Review standard operating procedures for helicopter operations						
j. Use PPE						
k. Establish and control landing zones						

l. Communicate with aircrews						
20. Terminate an incident (Topic 5-8)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe PPE characteristics						
b. Identify hazard and risk identification						
c. Describe equipment/vessel removal procedures						
d. Describe isolation techniques						
e. Identify statutory requirements						
f. Identify responsible parties						
g. Describe accountability system use						
h. Describe documentation and reporting methods						
i. Describe post-incident analysis techniques						
j. Select and use hazard-specific PPE						
k. Decontaminate PPE						
l. Use barrier protection techniques						
m. Implement data collection and record-keeping/reporting protocols						
n. Conduct post-incident analysis activities						

Non-Motorized Watercraft Operations

21. Establish non-motorized watercraft stability (Topic 6-1)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe elements that affect non-motorized watercraft stability						
b. Describe how to board a non-motorized watercraft						
c. Describe how to exit a non-motorized watercraft						
d. Board and exit a non-motorized watercraft in a manner that prevents injury and minimizes impact on watercraft stability						
22. Launch, dock, and recover a non-motorized watercraft (Topic 6-2)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe considerations for specialized tools or conveyances used to launch and recover non-motorized watercraft						
b. Describe how environmental conditions affect non-motorized watercraft movement						
c. Describe how non-motorized watercraft type impacts launch operations						
d. Describe how to launch a non-motorized watercraft as a bowman						
e. Describe how launch a non-motorized watercraft as an operator						
23. Operate a non-motorized watercraft (Topic 6-3)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe crew positions						

b. Describe how to paddle and/or maneuver a non-motorized watercraft						
c. Describe paddle commands and signals						
d. Describe basic non-motorized watercraft handling techniques						
e. Describe vessel-specific policies and procedures for operating a non-motorized watercraft						
f. Describe effects of local water, wind, and weather conditions on non-motorized watercraft direction and speed						
g. Describe how to mitigate safety issues and potential non-motorized watercraft-related emergencies						
h. Describe how to enter a non-motorized watercraft from water (self-rescue and crew assist)						
i. Right a flipped non-motorized watercraft						
j. Paddle and/or maneuver a non-motorized watercraft						
k. Use paddle commands and signals						
l. Approach a stationary object						
m. Select heading and speed to follow an intended course						
24. Tying off a non-motorized watercraft (Topic 6-4)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Identify techniques for tying off						
b. Describe requirements for line length						
c. Describe the effects of watercraft movement while tied off						
d. Tie off a non-motorized watercraft						

25. Perform non-motorized watercraft-based victim rescue (Topic 6-5)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe how non-motorized watercraft type impacts rescuer deployment and victim rescue						
b. Describe how to rig or configure non-motorized watercraft components and equipment						
c. Describe how conditions affect rescuer deployment and victim rescue operations						
d. Describe communication processes						
e. Describe safety consideration during non-motorized watercraft entry or exit						
f. Describe how to rescue a victim from dynamic water using a non-motorized watercraft						
g. Describe how to rescue a victim from a fixed object using a non-motorized watercraft						
h. Describe how to rescue a victim using a throw bag from a non-motorized watercraft						
i. Describe how to deploy a rescue swimmer from a non-motorized watercraft						
j. Describe on-board victim care considerations						
k. Describe how a retrieve a victim into a no-motorized watercraft						
26. Operate at a crew overboard event (Topic 6-6)	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
a. Describe non-motorized watercraft procedures for crew/man overboard						
b. Describe effects of immersion and hypothermia						

	Course Code (E1)	Date (E1)	Initials (E1)	Course Code (E2)	Date (E2)	Initials (E2)
c. Describe communication methods for a COB event between operator and crew						
d. Describe tactics for noting COB locations to assist with returning to event location						
e. Describe how to support a COB event as a captain/guide						
f. Describe how to operate a non-motorized watercraft during a COB event						
27. Tow a rescue watercraft (Topic 6-7)	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Describe safety considerations for towing watercraft						
b. Describe non-motorized watercraft-specific procedures for taking another watercraft under tow						
c. Describe towing methods (stern and side)						
d. Describe non-motorized watercraft handling dynamics while towing						
e. Describe propulsion capacities and impact of wind, weather, and water conditions on combined mass and surface area of both vessels						
f. Demonstrate conducting a stern tow						

Application

28. Set up, demonstrate, and oversee drill ground operations and/or demonstrations	**Course Code (E1)**	**Date (E1)**	**Initials (E1)**	**Course Code (E2)**	**Date (E2)**	**Initials (E2)**
a. Size up a non-motorized watercraft rescue incident						
b. Conduct an incident hazard assessment and isolate hazards						

c. Support an operations- or technician-level incident						
d. Manage a simulated rescue incident from initiation through demobilization and termination						
PPE						
e. Inspect PPE						
f. Locate, identify, don, and doff PPE						
Communication						
g. Communicate using verbal commands						
h. Communicate using hand signals						
i. Communicate using whistle blasts						
j. Communicate using radios						
Navigation						
k. Plot a course						
l. Select heading and speed to follow an intended course						
Assembly and Configuration						
m. Assemble a raft						
n. Configure a non-motorized watercraft to meet a mission objective						
Maintenance and Readiness						
o. Conduct a pre-operation check						
p. Conduct a post-operation check						

Trailering						
q. Conduct a pre-trip trailer inspection						
r. Load and secure a non-motorized watercraft on a trailer						
s. Launch a non-motorized watercraft from a trailer						
t. Recover a non-motorized watercraft onto a trailer						
Operating						
u. Launch a non-motorized watercraft in dynamic water						
v. Recover a non-motorized watercraft from dynamic water						
w. Paddle and/or maneuver a non-motorized watercraft						
x. Use paddle commands and signals						
y. Perform basic non-motorized watercraft handling techniques (J turns, peel turns, turns around objects, approach a stationary object, pinning, ferrying, hovering, and backing, transfer crew while underway)						
z. Unwrap a non-motorized watercraft from an obstacle (at least as a simulation)						
aa. Right a flipped non-motorized watercraft						
bb. Enter a non-motorized watercraft from the water (self-rescue)						
cc. Enter a non-motorized watercraft from the water (crew assist)						
dd. Tie-off a non-motorized watercraft						
Search						
ee. Perform reconnaissance, hasty (rapid), primary, and secondary searches						

ff. Perform a night search						
gg. Communicate search actions to a shore-based incident commander						
hh. Coordinate multivessel rescue activities						
ii. Enter, maneuver in, and exit the search environment						
jj. Provide for and perform self-escape and self-rescue						
Rescue						
kk. Rescue a victim from dynamic water using a non-motorized watercraft						
ll. Rescue a victim from a fixed object using a non-motorized watercraft						
mm. Rescue a victim using a throw bag from a non-motorized watercraft						
nn. Retrieve a non-responsive victim using a non-motorized watercraft						
oo. Perform self-rescue and survival swimming skills						
pp. Deploy and recover a free-swimming rescue swimmer from a non-motorized watercraft						
qq. Deploy and recover a tethered swimmer from a non-motorized watercraft						
rr. Conduct a stern tow from a non-motorized watercraft						
Termination						
ss. Terminate an incident						

Completion Requirements

The following requirements must be completed prior to submitting this task book.

Experience

The candidate meets the following experience requirements.

- Have a minimum of three years' full-time or six years' volunteer or part-time paid suppression/rescue experience in a recognized fire agency in California

Agency	Experience	Start Date	End Date

Include documentation to verify prerequisite requirements when you submit your instructor task book unless verification is already documented in your SFT User Portal.

Position

State Fire Training confirms that there are no position requirements for instructor registration.

Updates

The candidate has completed and enclosed all updates to this instructor task book released by State Fire Training since its initial publication.

Number of enclosed updates: _____

Completion Timeframe

A candidate must complete a task book within three years of its initiation date. Otherwise, a candidate must initiate a new task book using the curriculum's current published version.

Initiation Date (see Initiation Date under Initiation Requirements): _____

Review and Approval

Candidate

Candidate (please print): _____

I, the undersigned, am the person applying to teach Non-Motorized Watercraft Rescue Technician. I hereby certify under penalty of perjury under the laws of the State of California, that the completion of all requirements documented herein is 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.

Signature: _____   Date: _____

Fire Chief

Candidate's Fire Chief (please print): _____

I, the undersigned, am the person authorized to verify the candidate's qualifications to teach Non-Motorized Watercraft Rescue Technician. I hereby certify under penalty of perjury under the laws of the State of California, that the completion of all requirements documented 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.

Signature: _____   Date: _____