

2022

# Swiftwater Technician Position Task Book



Department of  
**Military**

**TEMA**

**TENNESSEE  
SPECIAL OPERATIONS**



**RESPONSE TEAM**

Version 1

1/21/2022

**Swiftwater Technician Position Task Book**

**POSITION QUALIFICATION ASSIGNED TO:**

INDIVIDUAL'S NAME, DUTY STATION, AND PHONE NUMBER

**POSITION QUALIFICATION INITIATED BY:**

## State of Tennessee Swiftwater Technician Position Task Book

### **Position Specific Requirements:**

The Swiftwater Technician is responsible for safely functioning as part of a Swiftwater Team. The Swiftwater Technician reports directly to the Boat Bowman.

### **Description of Duties:**

The Swiftwater Technician must be able to:

- Meet the physical requirements of the sponsoring agency
- Mobilize on short notice
- Capable of functioning for long hours under adverse conditions
- Performing supervised water operations and providing periodic progress reports as needed
- Ensure accountability and maintenance for all issued equipment
- Performing additional tasks or duties as assigned
- Modify water operational tactics as needed
- Adhere to safe working practices and procedures required in the disaster environment
- Function as a team member in the disaster environment
- Maintain CDC recommended vaccination requirements (noted in the FEMA resource typing library for Swiftwater Technician)

### **Position Requirements and Criteria:**

Individuals who meet the following requirements and criteria will be eligible to become a deployable Swiftwater Technician and function in that role during local, regional, state or interstate deployments. The intent of these requirements is to select personnel fully capable of providing the water operational tactics and techniques required in a water rescue environment.

### **Position Task Book – Historical Documentation:**

For the purposes of documenting JPR's through historical training records, position task book JPR's may be recognized for satisfactory completion if the AHJ can verify its completion within 3 years prior to position certification.

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**Required Training:**

The Swiftwater Technician shall meet all required prerequisites listed in Swiftwater Technician Position Task Book check-off:

TASK	CODE	AHJ	EVALUATOR INITIALS AND DATE
1. Swiftwater Technician Training	T		
2. Swiftwater Operations Training	T		
3. Rope Rescue Technician	T		
4. Rope Rescue Operations	T		
5. Helicopter Rescue Operations (if applicable)	T		
6. Communications Skillset Verification (if applicable)	T		
7. Logistics Skillset Verification (if applicable)	T		
8. Hazardous Materials Certification (circle one)  TEMA Hazardous Materials Operations  TEMA Hazardous Materials Awareness	T		
9. Medical Certification (circle one)  First Responder  EMT-B  AEMT  Paramedic	T		
10. CPR/First Aid Certified	T		
11. IS-100, IS-200, IS-700, IS-800	T		
12. AHJ Approved Boater Safety Training	T		
13. A-100 Basic Aviation Safety	T		
14. Bloodborne Pathogens 29 CFR 1910.1030	T		

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**Swiftwater Rescue (Awareness and Ops)**

TASK	Satisfactory Completion	NFPA 1006 2017	EVALUATOR INITIALS AND DATE
15. Demonstrate 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	O	17.1.1	
16. Apply operational protocols, function within an IMS, follow and implement an incident action plan, and report task progress status to supervisor or Incident Command	O	17.1.3	
17. Demonstrate the ability to read specific rescue reference materials, interview people, gather information, relay information, manage witnesses, and use information sources	O	17.1.4	
18. Demonstrate the ability to determine incident needs, complete a system safety check, evaluate system components for compromised integrity, select personnel, communicate with personnel, manage movement of the load, and evaluate for potential problems	O	17.2.1	
19. Demonstrate basic support skills, including equipment setup, operation support equipment, and communications issues	O	17.2.2	
20. Assess moving water conditions, characteristics, and features in terms of hazards to the rescuer and victims	O	17.2.3	
21. Perform a nonentry rescue in the Swiftwater and flooding environment, given an incident scenario, PPE, and Swiftwater rescue too kit, so that rescue is accomplished	O	17.2.4	

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**Swiftwater Rescue (Technician)**

<b>TASK</b>	<b>Satisfactory Completion</b>	<b>NFPA 1006 2017</b>	<b>EVALUATOR INITIALS AND DATE</b>
22. Perform an entry rescue in the Swiftwater/flooding environment	O	17.3.1	
23. Negotiate a designated Swiftwater course Class 3 water	O	17.3.2	
24. Successfully perform a required swim test that meets or exceeds the required minimum standard	O	16.3.1	
25. Swim a designated water course (as designated by the AHJ)	O	16.3.1	
26. Perform a swimming surface water rescue/contact rescue	O	16.3.2	
27. Demonstrate defensive tactics in the water rescue environment given a water bound victim	O	16.3.3	
28. Supervise, coordinate, and lead rescue teams during operations	O	16.3.4	
29. Demonstrate competency with Knot Tying	O	5.2.4	
30. Demonstrate competency in Mechanical Advantage systems simple and compound	O	5.2.18-5.2.20	
31. Demonstrate construction of a steep angle raising and lowering system	O	5.2.4	
32. Demonstrate competency in Anchor Systems to include tie backs	O	5.2.5 5.2.6	
33. Perform a Swiftwater rescue from a rescue platform such as a vessel, boat, watercraft, or other waterborne transportation aid while negotiating a designated Swiftwater course	O	17.3.3	
34. Select water rescue PPE, given a water rescue assignment and assorted items of personal protective and life-support	O	16.2.2	

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TASK	Satisfactory Completion	NFPA 1006 2017	EVALUATOR INITIALS AND DATE
35. Conduct a witness interview, given witnesses and checklists, so that witnesses are secured, information is gathered, last point seen can be determined	O	16.2.5	
36. Deploy a water rescue reach device to a water-bound victim, given required equipment and PPE so that the deployed equipment reaches the victim(s)	O	16.2.6	
37. Deploy a water rescue rope to a water-bound victim, given a water rescue rope in a throw bag, a coiled water rescue rope 50 to 75ft (15.24m to 22.86m) in length, and PPE, so that the deployed rope lands within reach of the victim	O	16.2.7	
38. Implement an action plan for the use of watercraft to support the rescue of a single or multiple water-bound victim, given watercraft, trained operator(s)	O	16.2.8	
39. Define procedures to provide support for helicopter water rescue operations within the area of responsibility for the AHJ, given a helicopter service, operational protocols, helicopter capabilities and limitations	O	16.2.9	
40. Implement procedures for performing watercraft-based rescue of an incapacitated water-bound victim, as a member of a team	O	16.2.10	
41. Demonstrate fundamental survival swimming and self-rescue skills	O	16.2.11	
42. Identify procedures for operation of rope systems particular to the water rescue needs of the AHJ	O	16.2.12	

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## Position Task Book Task Codes

For each of the tasks listed in the Position Task Book (PTB), there are one or more codes describing the circumstances in which the trainee can perform tasks related to the position. If a task has multiple codes listed, it means the evaluator can assess the trainee on ANY of those circumstances as opposed to evaluating the trainee on ALL the listed codes.

**Code T:** Task performed during training

**Code O:** Task must be completed in a training environment and observed by an instructor

**Code I:** Task can be performed on any type of incident or field exercise (fire, hazmat, flood, search, etc.)



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## How to Complete the Evaluation Record Form

Each Evaluation Record Form (see next page) covers one evaluation period. Evaluation periods may involve incidents, classroom simulations, or daily duties, depending on what the PTB recommends. The AHJ determines the number of evaluations required for position qualification and certification. If evaluators need additional evaluation periods, they can copy pages from a blank PTB and attach them to the PTB in question.

### Complete these items AT THE START of the evaluation period:

***Evaluator's name; Incident/office title and agency:*** List the name of the evaluator, his/her incident position or office title, and the evaluator's home agency.

***Evaluator's home unit address and phone:*** List evaluator's home unit address and phone number.

***Name and location of incident or simulation/exercise:*** Identify the name (if applicable) and location where the trainee performed the tasks.

***Incident kind:*** Enter the kind of incident (such as hazmat, law enforcement, wildland fire, structural fire, search and rescue, flood, or tornado).

### Complete these items AT THE END of the evaluation period:

***Number and kind of resources:*** Enter the number of resources assigned to the incident, and their kind (such as team, personnel, and equipment) pertinent to the trainee's PTB.

***Evaluation period:*** Enter inclusive dates of trainee evaluation. This time span may cover several small, similar incidents.

***Position type:*** Enter position type (such as Type 3, Type 2, Type 1, or Single Type).

***Recommendation:*** Check the appropriate line and make comments below regarding the trainee's future development needs.

***Additional recommendations/comments:*** Provide additional recommendations and comments about trainee, as necessary.

***Date:*** List the current date.

***Evaluator's initials:*** Initial here to authenticate your recommendations and to allow for comparison with initials in the PTB.

***Evaluator's relevant qualification:*** List your certification relevant to the trainee position you supervised.

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Evaluation Record Form**

<b>TRAINEE NAME:</b>
<b>TRAINEE POSITION:</b>
<b>Evaluator's name:</b>
<b>Incident/office title and agency:</b>
<b>Evaluator's home unit address and phone:</b>
<b>Evaluation period:</b>
<b>Position type:</b>
<b>Recommendation:</b> <p>The above-named trainee performed the initialed and dated tasks under my supervision. I recommend the following for this trainee's further development:</p> <p>_____ The trainee has successfully performed all required tasks for the position. The AHJ should consider the individual for certification.</p> <p>_____ The trainee could not complete certain tasks or needs additional guidance. See comments below.</p> <p>_____ Not all tasks were evaluated on this assignment. An additional assignment is needed to complete the evaluation.</p> <p>_____ The trainee is severely deficient in the performance of tasks and needs further training prior to additional assignment(s) as a trainee for this position.</p>
<b>Additional recommendations/comments:</b>
<b>Date:</b>
<b>Evaluator's initials:</b>
<b>Evaluator's relevant qualification:</b>

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**Evaluator Verification**

*(Do not complete this form unless you are recommending the trainee for all-hazards certification.)*

<b>FINAL EVALUATOR VERIFICATION</b>
I verify that _____ has successfully completed all tasks as a trainee and should therefore be considered for certification in this position. I also verify that all tasks are documented with appropriate initials.
FINAL EVALUATOR'S SIGNATURE:
DATE:
FINAL EVALUATOR'S PRINTED NAME:
TITLE:
DUTY STATION:
PHONE NUMBER:
E-MAIL:

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**Documentation of Agency Certification**

<b>DOCUMENTATION OF AGENCY CERTIFICATION</b>
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I certify that _____
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has successfully met all the criteria set out in the Swiftwater Technician Job Title/Position Qualifications for the position and will hereby receive certification of his/her qualification.
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OFFICIAL'S SIGNATURE:
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DATE:
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OFFICIAL'S NAME:
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TITLE:
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DUTY STATION:
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PHONE NUMBER:
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E-MAIL:
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