

Rope Rescue Technician

Senior Instructor Task Book May 2013



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

Rope Rescue Technician

Senior Instructor Task Book May 2013

Trainee: _____

SFT ID Number: _____

Fire Agency: _____

Issued By: _____

Issue Date: _____

On May 23, 2013 the Rope Rescue Technician task book was adopted by the California State Fire Marshal based on approval by the Statewide Training and Education Advisory Committee (STEAC) and the State Board of Fire Services (SBFS)



ROPE RESCUE TECHNICIAN Senior Instructor Trainee Task Book

PURPOSE

The Senior Instructor trainee is the entry for becoming a Rope Rescue Technician (RRT) senior instructor. The RRT Senior Instructor Trainee Task Book identifies the minimum requirements necessary to perform the duties of a State Fire Training (SFT) registered RRT senior instructor. The RRT Senior Instructor Trainee Task Book also allows the evaluator to record a trainee's performance for both technical and manipulative skills. Successful completion of this task book verifies that the trainee has met the job performance requirements necessary to become a registered RRT senior instructor.

RESPONSIBILITIES

(A) The **Senior Instructor Trainee** shall:

1. Complete all Job Performance Requirements
2. Accurately record and maintain the RRT Senior Instructor Trainee Task Book
3. Sign and date the Trainee Review verification statement under the Trainee Review section with an original wet-ink signature.
4. Retain a copy of the completed RRT Senior Instructor Trainee Task Book.

(B) The **Evaluating Senior Instructors** shall:

1. Review and understand the trainee's task book requirements and responsibilities
2. Sign, initial and date all appropriate sections in the senior instructor trainee task book with an original wet-ink signature to record demonstrated performance of skills
3. Review and verify the trainee obtained the appropriate signatures for each job performance requirement
4. Complete the trainee's task book by signing the appropriate paragraph under the Senior Instructor Review section

COMPLETION PROCESS

When you receive your Senior Instructor Trainee Task Book:

1. Thoroughly review the Job Performance Requirements to make sure that you understand each of them.
2. Complete all skills in the Job Performance Requirements section and ensure that a RRT senior instructor signs each requirement to verify completion.
3. Make a copy of the completed Senior Instructor Task Book to retain with your personal records prior to submittal.



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Senior Instructor Trainee Task Book

A completed task book should be compiled into the instructor application package and submitted to SFT only when the application package is complete. Refer to the SFT Procedures Manual (See **6.8.24: Rope Rescue Technician – Senior Instructor**) for more information on the Rope Rescue Technician Instructor Registration requirements.

COMPLETION REQUIREMENTS

- (A) A RRT senior instructor trainee has two years after starting his/her RRT Senior Instructor Trainee Task Book to complete the task book requirements.
- (B) A RRT senior instructor trainee must satisfy all instructor requirements and become a registered RRT senior instructor within one year of completing his/her task book.
- (C) All components within the RRT Senior Instructor Task Book must be verified and signed by a RRT senior instructor.
- (D) Requires teaching in at least two SFT RRT courses as a senior instructor trainee



ROPE RESCUE TECHNICIAN Senior Instructor Trainee Task Book

JOB PERFORMANCE REQUIREMENTS

SKILLS	Evaluator Initials	Instructor #	Date
COURSE PREPARATION			
Confirm/Review Adequate Props			
Confirm/Review Adequate Facilities			
Complete and Submit the Course Scheduling Request			
Order Student Manuals			
Confirm Equipment Based on Number of Squads			
Complete Instructor Assignments			
Develop a Site Rescue and Emergency Plan			
Complete Pre-Class Instructor Meeting			
COURSE INTRODUCTION			
Complete Classroom Set-Up			
Introduction and Administration			
Confirm Student Eligibility			
Deliver Course Objectives and Overview Lecture			
Deliver Personal Protective Equipment (PPE) Lecture			
Deliver Safety Lecture			
Isolate and Manage Potentially Harmful Energy Sources			
CLASS PAPERWORK AND DOCUMENTATION			
Completion of Scantrons			
Completion of Class Rosters			
Completion and Filing of Rope Logs			
Completion of Course Evaluations			
Completion and Submission of State Fire Training Paperwork			
ROPE RESCUE SKILLS VERIFICATION			
Rope Rescue Equipment			
Skills Verification System (SVS)			



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SKILLS	Evaluator Initials	Instructor #	Date
KNOTS, BENDS, AND HITCHES			
Tie a Tensionless Hitch			
Tie a Munter Hitch			
Tie a Long Tail Bowline			
Tie a Butterfly Knot			
ANCHORS SYSTEMS			
Construct a Back-Tied Anchor System			
Construct a Floating Focused Anchor System			
HIGH ANGLE VICTIM PACKAGING			
Package a Victim in a Commercial Victim Pelvic Harness			
Package a Victim in a Hasty Pelvic Harness			
Package a Victim in a Hasty Chest Harness			
Secure a Victim in a Rescue Litter			
TRAVEL RESTRICTION			
Construct a Travel Restriction System			
Attach a Rescuer to a Travel Restriction System			
BELAY SYSTEMS			
Belay a Falling Load			
MAIN LINE SYSTEMS - LOWERING AND RAISING			
Construct a 5:1 "Pig Rig" (Simple)			
Construct a Compound Mechanical Advantage System (9:1)			
Direct the Operation of a Rope Rescue Lowering and Raising System			
Direct the Operation of a Compound Rope Mechanical Advantage System			
Perform System Safety Checks			
Place Edge Protection as Required			
LOAD RELEASING METHODS			
Operate a Load Releasing Device			
Use Mechanical Load Release/Belay Device			



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SKILLS	Evaluator Initials	Instructor #	Date
Construct Improvised Load Releasing Device			
RESCUE SCENE ORGANIZATION AND MANAGEMENT			
Size-Up a Rescue Incident			
Identify Objectives, Strategy, and Tactics			
Give an Operational/Safety Briefing			
Perform Command and Control in Rope Rescue Operations			
Utilize ICS During Rope Rescue Operations			
KNOT PASSING			
Pass a Knot Through Friction Device			
Pass a Knot Through a Belay During Lowering and Raising Operations			
Pass a Knot Through C/D Pulley While Raising			
ASCENDING AND DESCENDING			
Construct a Fixed Rope System			
Ascend a Fixed Rope			
Pass a Knot/Obstacle During an Ascending Operation			
Convert from an Ascending System to a Descending System			
Descend a Fixed Rope			
Pass a Knot/Obstacle During a Descending Operation			
Lock-Off using a Descent Control Device			
PICK-OFFS			
Construct a Two Line System for a Pick-Off			
Direct a Team in the Removal (Pick-off) of a Supported/Suspended Victim			
Perform the Removal of a Supported/Suspended Victim			
Perform the Removal of an Unsupported/Unsuspended Victim			
Access, Stabilize, Package, and Rescue a Victim in a High Angle Environment Using Pick-Off techniques			
PROTECTED CLIMBING			
Prepare Equipment for a Protected Climb			



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SKILLS	Evaluator Initials	Instructor #	Date
Perform a Protected Climb with Bottom Belay			
Perform a Protected Climb with Double Lanyard/Bypass Lanyard (Optional)			
Access, stabilize, package, and rescue an ambulatory victim stranded on a structure by climbing up the manmade structure.			
HIGH ANGLE LITTER TENDING			
Attach a Rescue Litter with Litter Tender Attachments to a Rope Rescue System			
Function as a Litter Tender Below the Rescue Litter			
Function as a Litter Tender Above the Rescue Litter			
Function as a Litter Tender with an Edge Problem			
Function as a Litter Tender while Negotiating Obstacles			
Rig a Rescue Litter with a Mechanical Advantage Device for Lowering and Raising the Foot of the Litter			
Function as an Edge Tender			
Access, Stabilize, Package, and Rescue a Non-Ambulatory Victim with a Litter Tender and Negotiate Obstacles While Lowering and Raising.			
Access, Stabilize, Package, and Rescue a Non-Ambulatory Victim With a Litter Tender and an Edge Problem.			
Perform a Mid-Point Scoop			
Access, Stabilize, Package, and Rescue a Non-Ambulatory Victim With a Litter Tender and Perform a Mid-Point Scoop.			
ARTIFICIAL HIGH DIRECTIONALS			
Construct a High Directional			
Rig a High Directional			
HIGHLINES			
Identify Safety Factors, Critical Angles, and Force Multipliers			
Secure Lines Across Two Elevated Locations			
Direct a Team in the Construction of a Highline System			
Direct a Team in the Operation of a Highline System			
Direct a Team in the Construction and Operation of a Reeving Highline Operation with a Mid-Point Drop			
Rig a Rescue Litter for a Highline Tended Litter Operation			



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SKILLS	Evaluator Initials	Instructor #	Date
Perform a Highline Operation With a Tended Litter			
Perform a Highline Operation with a Mid-Point Drop by De-Tensioning the Highline			
Access, stabilize, package, and transport rescuers, equipment, and an occupied litter along a horizontal path above an obstacle or projection using a highline system.			
Access, stabilize, package, and rescue a non-ambulatory victim using a tended litter and a highline system.			
WORK STATION SET-UP			
Perform work station set-up as required			
EVOLUTIONS			
To be performed as a scenario where students will complete the exercise beginning with the equipment in the equipment cache and unaided by instructors.			
Access, stabilize, package, and rescue a non-ambulatory victim using a tended litter and a reeving highline system.			
Access, stabilize, package, and rescue a non-ambulatory victim with three rescuers in a low angle environment.			
Access, stabilize, package, and rescue an ambulatory victim stranded on a structure by climbing up the manmade structure			
WRITTEN EXAM			
Administer written exam			

CLASS DETAILS

List the class approval codes and class dates for all classes where job performance requirements were completed.

SFT Class Code	Class Dates
1:	
2:	
3:	
4:	



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TRAINEE REVIEW

Trainee Name: _____

I hereby certify under penalty of perjury under the laws of the State of California, that completion of all 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.

Trainee's Signature

Date

SENIOR INSTRUCTOR REVIEW (#1)

Name: _____ **Instructor ID#** _____

Job Title: _____

Organization: _____

I the undersigned, am the person authorize to verify the trainee's experience, qualifications, and job performance requirements. I hereby certify under penalty of perjury under the laws of the State of California, that completion of all experience, qualifications, 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.

Senior Instructor Signature

Date

COMMENTS



ROPE RESCUE TECHNICIAN Senior Instructor Trainee Task Book

SENIOR INSTRUCTOR REVIEW (#2)

Name: _____ Instructor ID# _____

Job Title: _____

Organization: _____

I the undersigned, am the person authorize to verify the trainee's experience, qualifications, and job performance requirements. I hereby certify under penalty of perjury under the laws of the State of California, that completion of all experience, qualifications, 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.

Senior Instructor Signature

Date

COMMENTS

ADDITIONAL EVALUATORS

Name: _____

Name: _____

Job Title: _____

Job Title: _____

Organization: _____

Organization: _____

Signature: _____

Signature: _____

*List additional evaluators on a separate page.

ADDITIONAL COMMENTS
