

RESCUE TECHNICIAN: DIVE RESCUE I

SKILL SHEET PACKAGE

Based on *NFPA 1006: Standard for Technical Rescue Professional Qualifications*, 2013 Edition.



ALABAMA FIRE COLLEGE

MARCH 2015
REVISED 02/10/2017

ALABAMA FIRE COLLEGE

RT: Dive I

Instructional JPR Verification Sheet

Full Name: _____ Fire Department: _____

This Instructional JPR Verification Sheet is to be used in conjunction with the Alabama Fire College RT: Dive Skill Sheets. These skills meet all the requirements of NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 Edition. Each of these skills should be taught and assessed during the course. This form must be submitted by the Instructor for Certification.

Skill Sheet	Primary Task	JPR(s) Covered
	RT: Dive I	
1-1	Select Dive Rescue Personal Protective Equipment	13.1.1
1-2	Define Search Parameters for a Dive Rescue Incident	13.1.2
1-3	Implement an Action Plan	13.1.3
1-4	Define Watercraft Procedures for Dive Operations	13.1.4
1-5	Support Level II Dive Rescue Operations	13.1.5
1-6	Secure a Potential Crime Scene	13.1.6
1-7	Select & Assemble Personal Protective Equipment	13.1.7
1-8	Assist a Surfaced Diver in Distress	13.1.8
Course Location:		Course Dates:
Instructor Printed Name:		Instructor Signature:
Candidate Printed Name:		Candidate Signature:



Select Dive Rescue Personal Protective Equipment

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.1, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 1

The candidate, given a dive rescue assignment and assorted items of personal protective and life-support equipment, shall select dive rescue personal protective equipment.

Criteria/Performance Steps:	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Rescuer is protected from temperature extremes, water contaminants, decision made for wetsuit or drysuit, blunt trauma injury from debris, out-of-air emergencies, unconscious/needly diver incidents, and entanglements				
2. Buoyancy compensator is selected and correct buoyancy is maintained for tasks to be performed – CRITICAL POINT				
3. Appropriate protocols are complied with				
4. Swimming ability is maximized during rescue activities				
5. Routine and emergency communications are established between components of the team				
6. Self-rescue needs have been evaluated and provided for				
7. Pre-dive safety checks have been conducted				
8. Personal protective equipment is used according to the manufacturer's directions				
9. Emergency escape procedures are proficient with selected equipment - CRITICAL POINT				
10. Equipment is donned in an expedient manner - CRITICAL POINT				
11. Equipment is doffed in an expedient manner - CRITICAL POINT				
Candidate must successfully perform 7/11 steps including ALL CRITICAL POINTS	Score: __/11		Score: __/11	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass ___	Fail ___

By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)

Re-Test Evaluator Print Name & Signature:	Overall Skill Sheet Re-Test Score	
		Pass ___ Fail ___

By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)

Candidate Print Name & Signature:	Candidate: Print Name or Candidate #
-----------------------------------	--------------------------------------

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.



Define Search Parameters for a Dive Rescue Incident

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.2, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 2

The candidate, given topographical maps of a search area, descriptions of all missing persons and incident history, and hydrologic data, including speed and direction of current or tides, shall define search parameters for a dive rescue incident.

Criteria/Performance Steps:	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Areas with high probability of detection are differentiated from other areas				
2. Witnesses are interviewed and critical interview information is recorded - CRITICAL POINT				
3. Passive and active search tactics are implemented				
4. Personnel resources are considered and used				
5. Search parameters are defined and communicated				
6. Reference materials are interpreted				
7. Scene assessment is performed				
8. Site conditions are evaluated				
9. Risk-benefit analysis is completed - CRITICAL POINT				
10. Personal protective equipment is selected and used				
Candidate must successfully perform 7/10 steps including ALL CRITICAL POINTS	Score: __/10		Score: __/10	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass ____	Fail ____

By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)

Re-Test Evaluator Print Name & Signature:	Overall Skill Sheet Re-Test Score	
	Pass ____	Fail ____

By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)

Candidate Print Name & Signature:	Candidate: Print Name or Candidate #
-----------------------------------	--------------------------------------

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.



Implement an Action Plan

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.3, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 3

The candidate, given an operational plan and a dive rescue tool kit, shall implement an action plan for a dive operation.

Criteria/Performance Steps:	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. All information is factored				
2. Risk–benefit analysis is conducted - CRITICAL POINT				
3. Protocols are followed				
4. Hazards are identified and minimized - CRITICAL POINT				
5. Personnel and equipment resources are not exceeded				
6. Assignments are defined				
7. Consideration is given to evaluating changing conditions				
8. The selected strategy and tactics fit the conditions - CRITICAL POINT				
9. Reference and size-up information is interpreted and correlated				
10. Site conditions are evaluated				
11. Risk–benefit analysis is completed - CRITICAL POINT				
12. Safety, communications, and operational protocols are applied				
13. Personal protective equipment requirements are specified				
14. Rescue personnel requirements are determined				
15. Submerged diver location, breathing, and dive times are monitored and recorded				
Candidate must successfully perform 11/15 steps including ALL CRITICAL POINTS	Score: __/15		Score: __/15	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass ___	Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:	Overall Skill Sheet Re-Test Score		
	Pass ___	Fail ___	
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Candidate Print Name & Signature:	Candidate: Print Name or Candidate #		

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.



Define Watercraft Procedures for Dive Operations

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.4, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 4

The candidate, given watercraft used by the AHJ, shall define procedures for use of watercraft in dive operations.

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Watercraft pre-deployment checks are completed				
2. Watercraft launch or recovery is achieved as stipulated by AHJ operational protocols				
3. Divers are deployed and recovered				
4. Onboard and dive rescue operations conform with watercraft operational protocols and capabilities				
5. Communications are clear and concise				
6. The candidate is familiar with watercraft nomenclature, operational protocols, design limitations, and launch/recovery site issues - CRITICAL POINT				
7. Entry/exit procedures are implemented and communicated with watercraft crew				
8. Emergency/safety equipment is used				
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS	Score: ___/8		Score: ___/8	
Evaluator Notes				
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score	
			Pass ___	Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:			Overall Skill Sheet Re-Test Score	
			Pass ___	Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		
Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.				
Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.				



Support Level II Dive Rescue Operations

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.5, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 5

The candidate, given a designated mission, safety equipment, props, and confined water body, shall support a Level II dive rescue operation.

Criteria/Performance Steps:	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Skills are demonstrated in a controlled (simulated) environment				
2. Performance parameters are achieved				
3. Hazards are continually assessed				
4. Correct buoyancy control is maintained - CRITICAL POINT				
5. Emergency procedures are demonstrated - CRITICAL POINT				
Level II Rescue Technicians are supported in <u>one</u> of the following conditions: ice, surf, or swiftwater				
Support Level II Rescue Technicians during an ice (overhead environment) dive				
6. Ice conditions are evaluated for stability, risk benefit analysis is made				
7. Proper exposure protection is chosen				
8. Consideration made for regulator freeze				
9. Primary diver is tethered with rope of specified length				
10. Back up diver is tethered with rope 20' longer than primary diver				
Candidate must successfully perform 7/10 steps including ALL CRITICAL POINTS	Score: __/10		Score: __/10	
Support Level II Rescue Technicians during a swiftwater dive				
6. Swiftwater conditions are evaluated, risk benefit analysis is made (no dive if over 3 knots)				
7. Consideration made for controlling divers topside from a movable control point				
8. Proper exposure protection is chosen				
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS	Score: __/8		Score: __/8	
Support Level II Rescue Technicians during a surf dive				
6. Surf conditions are evaluated, risk benefit analysis is made				
7. Proper exposure protection is chosen				
8. Assist primary diver in surf entry				
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS	Score: __/8		Score: __/8	



Support Level II Dive Rescue Operations

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.5, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 5

The candidate, given a designated mission, safety equipment, props, and confined water body, shall support a Level II dive rescue operation.

<p>Evaluator Notes</p>				
<p>Evaluator Print Name & Signature:</p>	<p>Date</p>	<p>Overall Skill Sheet Score</p>		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;">Pass ___</td> <td style="width: 40%; padding: 2px;">Fail ___</td> </tr> </table>	Pass ___	Fail ___
Pass ___	Fail ___			
<p>By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)</p>				
<p>Re-Test Evaluator Print Name & Signature:</p>	<p>Overall Skill Sheet Re-Test Score</p>			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;">Pass ___</td> <td style="width: 40%; padding: 2px;">Fail ___</td> </tr> </table>	Pass ___	Fail ___
Pass ___	Fail ___			
<p>By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)</p>				
<p>Candidate Print Name & Signature:</p>	<p>Candidate: Print Name or Candidate #</p>			

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.



Secure a Potential Crime Scene

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.6, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 6

The candidate, given paper and pencil, evidence tube or container, marker float, GPS, and last seen point, shall secure the area as a potential crime scene and generate an accurate record of possible evidence and its environment.

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Items are secured				
2. Possible evidence is preserved by taking notes, documenting, making sketches of, photographing, or retrieving evidence				
3. Chain of custody and evidentiary nature is maintained - CRITICAL POINT				
4. Information is passed to law enforcement				
5. Interview skills of corroborating witnesses and basic drawing skills are demonstrated				
Candidate must successfully perform 4/5 steps including ALL CRITICAL POINTS	Score: ___/5		Score: ___/5	
Evaluator Notes				
Evaluator Print Name & Signature:		Date		Overall Skill Sheet Score
				Pass ___ Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass ___ Fail ___		
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		
Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.				
Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.				



Select & Assemble Personal Protective Equipment

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.7, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 7

The candidate, given a subsurface mission and personal protective and life-support equipment, shall select and assemble personal protective equipment to assist rescue divers.

Criteria/Performance Steps:	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Rescuer is protected from temperature extremes				
2. Correct buoyancy is maintained - CRITICAL POINT				
3. AHJ protocols are complied with				
4. Swimming ability is maximized				
5. Routine and emergency communications are established between components of the team				
6. Self-rescue needs have been evaluated and provided for - CRITICAL POINT				
7. Pre-dive safety checks have been conducted, to include complete encapsulation, including dry suit with attached hood, boots, and gloves and respiratory protection				
8. Personal protective equipment is used according to the manufacturer's directions				
9. Emergency escape procedures and communications are proficient - CRITICAL POINT				
10. Equipment is donned and doffed in an expedient manner				
11. Pre-dive checklists are used				
Candidate must successfully perform 8/11 steps including ALL CRITICAL POINTS	Score: __/11		Score: __/11	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass ____	Fail ____
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
		Pass ____	Fail ____
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Candidate Print Name & Signature:	Candidate: Print Name or Candidate #		

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.



Assist a Surfaced Diver in Distress

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 13.1.8, 2013 Edition

Rescue Technician – Dive Rescue I

Skill Sheet RT-D-I - 8

The candidate, given safety equipment; personal protective equipment; water hazard; and a tired, entrapped, or stressed diver, shall assist a surfaced diver in distress.

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. The diver is rescued or assisted - CRITICAL POINT				
2. The victim is extricated from the environment				
3. Personal protective equipment, including flotation devices, are used				
4. Rescue, assistance, swimming, and evasion techniques are used to manage a panicked diver				
Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS	Score: __/4		Score: __/4	
Evaluator Notes				
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score	
			Pass ___	Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass ___	Fail ___	
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		
Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.				
Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.				