



**MONTGOMERY COUNTY FIRE AND RESCUE SERVICE  
DRIVER/OPERATOR TRAINING PROGRAM**

**CERTIFICATION PROCESS FOR  
FLAT WATER BOAT CREW MEMBER**

**Trainee Name:** \_\_\_\_\_ **ID#** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Station/Shift/Dept:** \_\_\_\_\_ **Evaluator:** \_\_\_\_\_

**Unit #:** \_\_\_\_\_ **Make** \_\_\_\_\_ **Year:** \_\_\_\_\_

<b>Section</b>	<b>Competencies/Requirements</b>	<b>Evaluator</b>	<b>Date Completed</b>
1.0	<b>PPE</b>		
1.1	Candidate will identify the minimum distance to shore needed required for a PFD. Candidate will identify Hot, Warm, and Cold zones and the minimum		
1.2	Candidate will identify the five classes of PFD'S		
1.3	Candidate will describe a properly fitting PFD and donn it.		
1.4	Candidate will describe and identify the proper water rescue helmet and donn.		
1.5	Candidate will list three safety accessories to be worn on the PFD. (knife, whistle and strobe light)		
1.6	Candidate will describe the proper care and maintenance for a dry suit including the zipper, seals and storage		
1.7	Candidate will describe the importance of wearing a liner or insulating clothing under a dry suit.		
1.8	Candidate will properly donn and doff the dry suit.		
1.9	Candidate will describe the proper cleaning and disinfecting of the dry suit.		
1.10	Candidate will describe appropriate footwear to be used with or without the dry suit		

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2.0	<b>SHORE BASED RESCUE</b>		
2.1	Candidate will identify the four levels of the RESCUE Sequence.		
2.2	Candidate will describe the tools and execution of each rescue level.		
2.3	Candidate will explain why it is important for a fixed loop at the end of the throw bag and what the proper size is.		
2.4	Candidate will explain the characteristics used in a throw line, in its length, type and properties.		
2.5	Candidate will explain the five methods of throw bag deployment and will successfully demonstrate those methods.		
2.6	Candidate will demonstrate the proper method and deployment execution of the recoil method.		
2.7	Candidate will properly show the efficient method of repacking a throw bag.		
2.8	Candidate will demonstrate and explain all hand and whistle signals used in shore based rescue.		
2.9	Candidate will properly explain the purpose of a stabilization line.		
2.10	Candidate will describe equipment needed to perform stabilization line rescue technique.		
2.11	Candidate will properly explain the purpose of a snag line.		
2.12	Candidate will describe the difference between weighted and non-weighted and the equipment needed for both.		
2.13	Candidate will explain how to work the line down the victim and the importance of releasing the entrapment.		
2.14	Candidate will properly explain the purpose of a double line floating tether and explain the equipment needed.		
2.15	Candidate will successfully set up and place in service a double line rescue technique.		
2.16	Candidate will demonstrate the proper hand signals for the double line floating tether operation while in-service.		

Section	Competencies/Requirements	Evaluator	Date Completed
3.0	<b>BOAT OPERATIONS</b>		
3.1	Candidate will describe the different types of boats used within MCFRS and each of their advantages and disadvantages.		
3.2	Candidate will describe and identify the construction of each boat style of MCFRS boat fleet.		
3.3	Candidate will identify each independent chamber and the proper inflation and inspection the boats within MCFRS.		
3.4	Candidate will identify all portions of the boat with all the proper marine terminology.		
3.5	Candidate will describe the advantages and situations when paddling is used versus motoring.		
3.6	Candidate will describe proper hand position while paddling		
3.7	Candidate will identify all four paddling strokes and demonstrate each on the water. (Course will be made up of figure eight, pivoting around objects, draw, backslash, pry, rotate 360degrees, turning at moderate speed without losing momentum)		
3.8	Candidate will identify motor, fuel type and mixture ratio if applicable.		
3.9	Candidate will identify starting procedures and perform them.		
3.10	Candidate will describe the kill switch and its use.		
3.11	Candidate will describe the proper seating position and reason for tiller operation.		
3.12	Candidate will identify motor sounds and alarms if applicable.		
3.13	Candidate will describe the importance of proper fuel line connections and reason for fuel cell venting.		
3.14	Candidate will describe the importance of proper gear check of secured gear and fuel levels prior to deployment of the boat.		
3.15	Candidate will describe the importance of a back up person, and the use to remove straps and bowline upon launching.		
3.16	Candidate will describe an acceptable and proper controlled entry from boat into the water.		
3.17	Candidate will enter the boat unassisted		

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3.18	Candidate will demonstrate the single and double recovery of crew/victim at the gunwale using the forward entry recovery method.		
3.19	Candidate will identify two rescue techniques to recover an injured or unconscious victim into the boat.		
3.20	Candidate will identify the proper equipment needed for parbuckling an unconscious victim or patient into the boat and successfully demonstrate.		
3.21	Candidate will identify the contact points on victim and importance for parbuckling.		
3.22	Candidate will demonstrate recovering a victim into the boat with the rescue net if applicable.		
3.23	Candidate will identify the needed equipment to flip a boat.		
3.24	Candidate with the aid of certified personnel will successfully secure equipment needed and use proper technique to right the craft.		
3.25	Candidate will successfully operate the boat for a minimum of 10 minutes using simple maneuvers.		
4.0	<b>FLOODING</b>		
4.1	Candidate will describe the proper application for shallow water crossing, explaining the importance of proper speed and depth of the water.		
4.2	Candidate will describe the proper team configuration for shallow water crossing and minimum personnel needed. (how can the configuration be used to an advantage and why)		
4.3	Candidate will describe equipment needed and the purpose to successfully perform a shallow water crossing.		
4.4	Candidate will implement proper standards and successfully demonstrate a shallow water crossing. (on land or in water)		
4.5	Candidate will describe while performing shallow water crossing where safety shall be staged and what equipment they should have.		
5	<b>NIGHT OPERATIONS</b>		
5.1	Candidate will describe what type of lighting are advantages. (natural or artificial lighting)		
5.2	Candidate will describe the most preferred color of artificial lighting.		
5.3	Candidate will describe placement of illumination on the boat and proper placement on rescuers.		

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5.4	Candidate will describe what color is best for shore based markings; identify shore and land locations and their purpose.		
6.0	<b>SEARCH AND INTERVIEW</b>		
6.1	Candidate will describe the information that should be ascertained when interviewing bystanders		
6.2	Describe why it is important to separate bystanders when interviewing		
6.3	Describe methods for searching the shoreline via ground and water		
6.4	Describe how the shoreline should be marked (glow sticks, tape, etc.)		
6.5	Describe how to mark victim's last known location		
7.0	<b>MEDICAL</b>		
7.1	Candidate will describe how many times faster water conducts heat.		
7.2	Candidate will identify four processes of heat loss.		
7.3	Candidate will identify the causes and prevention of the four process of heat loss.		
7.4	Candidate will define hypothermia.		
7.5	Candidate will describe patient care for wet and hypothermic victims.		
7.6	Candidate will describe passive re-warming of the hypothermic patient.		
7.7	Candidate will define the dangers of inappropriate heat pack placement and describe the proper placement.		
7.8	Candidate will describe the risks of rapid re-warming of the patient. (Afterdrop)		
7.9	Candidate will describe the risks and effects on the hypothermic rescuer.		
7.10	Candidate will describe cold water shock and its effects.		

Section	Competencies/Requirements	Evaluator	Date Completed
8.0	<b>TOWING/TRAILERING REQUIREMENT</b>		
8.1	Candidate will complete the Montgomery County Fire Rescue Emergency Vehicle Driver/Operator Towing with a 1/2/-1 Ton Vehicle Competency Checklist (Attached to this Document)		
9.0	<b>RULES OF ENGAGEMENT</b>		
9.1	Candidate will know and understand the Rule of Engagement for Flat Water Boat Crews <ul style="list-style-type: none"> <li>- Inland Pools, Lakes and Reservoirs</li> <li>- Flooding/Standing Water <ul style="list-style-type: none"> <li>o Non-moving, not rising water</li> </ul> </li> <li>- Upper Potomac <ul style="list-style-type: none"> <li>o North of Riley's Lock</li> <li>o River below 6 feet at Little Falls</li> </ul> </li> </ul>		

**Send Copies To:**

- Station Supervisor File,
- Employee,
- Battalion Chief,
- MCFRTA Driver Training Coordinator, and
- Safety Section Chief.