



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

Practical Application Guide Sheet

Aerial Master Stream – Pre-Piped Waterway

Candidate Name: _____

Candidate Performance Competency: The candidate will demonstrate proficiency in the deployment and operation of a pre-piped elevated master stream from an aerial ladder or aerial platform apparatus.

Task	Value	Score
1. Position the apparatus in a tactically correct position to reach the target as well as properly stabilize the apparatus. (CFP)	6	
2. Engage apparatus power systems to deploy stabilization systems. Stabilize the vehicle for aerial use.	6	
3. For aerial ladders, verify the pre-piped waterway is pinned in the “water tower” position. For all aerial devices, ensure the monitor valve is open and other auxiliary discharges at the tip/platform are closed. (CFP)	6	
4. Raise, rotate, and extend the aerial into position to reach the designated target.	6	
5. Initially deploy/aim the elevated master stream monitor.	6	
6. Attach a short section of supply line to the waterway intake of the aerial apparatus. Aerial apparatus are equipped with large diameter hose for this purpose, aka the “short shot”.	6	
7. Attach a large diameter gated Siamese to the supply hose to accept multiple supply lines. Ensure gates are closed.	6	
8. Connect supply lines to the Siamese.	6	
9. Close drain(s) on the waterway.	6	
10. Communicate with water supply engine that the lines are ready to be charged. Communicate pre-determined operating pressure if designated by the aerial manufacturer as well as the rated flow of the nozzle chosen.	8	
11. After supply lines are charged, verify with Incident Command (exam evaluator) that the fireground is ready to initiate aerial master stream operations.	6	
12. The Candidate or an assistant charge the waterway by opening the gated Siamese slowly.	6	
13. From the turntable pedestal, Candidate adjusts the nozzle and/or aerial position to reach the target.	8	

Task	Value	Score
14. Upon completion, close the Siamese gates to stop water flow to the waterway. Communicate with the supply engine to shut down the lines.	6	
15. Open waterway drain(s).	6	
16. Disconnect supply hose and ready the apparatus for service.	6	
Total Points	100	

Critical Fail Points

Failure to successfully perform any of the following components will result in an automatic failure of this evolution regardless of total score.

- a) **Failure to ensure the waterway is pinned. (Improper mode is NOT a critical failure point, but failure to check the security of the waterway constitutes a failure)**
- b) **Failure to deliver an effective fire stream to the designated target.**

Evaluator: Initial beside the final outcome of the exam below.

____ **PASS** ____ **FAIL – Overall Points** ____ **FAIL – Critical Failure Point**

Evaluator Name

Date

Evaluator Signature