



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

## Practical Application Guide Sheet

### Utility Task Vehicle: Load Pulling with Winch

**Candidate Name:** \_\_\_\_\_

**Candidate Performance Competency:** The driver candidate shall utilize a single line and a double line pull to move a static load using the vehicle winch.

Task	Value	Score
1. Position vehicle for optimal in-line pull, place transmission in neutral, and apply parking brake. Identify if a change of direction will be necessary. <b>(CFP)</b>	5	
2. Chock both front wheels.	1	
3. State rated capacity of winch (4000lbs for MCFRS), estimated weight of object to be pulled, and if object can be safely winched. <b>(CFP)</b>	5	
4. Candidate will identify the winch cable length and explain reasons for utilizing maximum length of cable and precautions when doing so.	3	
5. Candidate will identify all operational components of the winch, including the clutch lever and controller options.	3	
6. Candidate will identify all rigging hardware in the vehicle's inventory and its purpose associated with the winch.	3	
7. Using the winch manufacturer's recommended procedure (free wheel vs. power), deploy the winch cable to the load. a. Arrange winch cable for single line pull b. Assess cable path for obstructions to a clean pull	3	
8. Upon reaching the load, remove hands from controller or unplug remote to prevent unintended movement of the cable.	1	
9. Utilize appropriate rigging to attach the winch cable to the load. Do not wrap the winch cable around the object in a choker hitch. Ensure there are no twists in the cable and hardware is aligned for the pull. <b>(CFP)</b>	5	
10. Attach the winch cable hook to the load rigging.	1	
11. Explain the need for a spotter and define the area that will be a "no people zone". (Never behind or in front of the vehicle). <b>(CFP)</b>	3	
12. When all connections are made and checked, engage winch to remove slack from the cable.	1	

Task	Value	Score
13. Prior to placing the winch cable under load, place a coat, strap or other appropriate object over the center point of the winch cable to reduce whiplash should a failure occur. <b>(CFP)</b>	1	
14. Candidate will ensure an adequate number of wraps remain on the winch drum prior to tensioning the cable. <b>(CFP)</b>	1	
15. Engage the winch and place tension on the load. Ensure there are no twists in the cable and hardware is aligned for the pull.	2	
16. Operate winch control pulling load approximately 5 feet. <b>(CFP)</b>	1	
17. Identify the need to stabilize the load. Remove tension from the cable. <b>(CFP)</b>	1	
18. Disconnect the winch cable hook from the load.	1	
19. Candidate will explain the effects and characteristics of a double line pull.	5	
20. Transition from the single line pull to a double line pull following manufacturer recommendations for deploying the cable.	5	
21. Attach snatch block to the load rigging and feed cable through snatch block.	1	
22. Attach winch cable hook to UTV frame.	1	
23. When all connections are made and checked, engage winch to remove slack from the cable.	1	
24. Prior to placing the winch cable under load, place a coat, strap or other appropriate object over the center point of the winch cable to reduce whiplash should a failure occur. <b>(CFP)</b>	1	
25. Operate winch control pulling load approximately 10 feet. <b>(CFP)</b>	1	
26. Identify the need to stabilize the load. Remove tension from the cable. <b>(CFP)</b>	1	
27. Disconnect the winch cable from the load and wind the cable uniformly onto the winch drum.	3	
<b>Total Points</b>	60	

## **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 use proper PPE.**
- b) Failure to secure the winching vehicle prior to pulling tension.**

- c) Failure to ensure sufficient cable remains on the drum prior to pulling the load.
- d) Failure to place a dampening object over the cable before pulling the load.
- e) Failure to define and enforce a “no people Zone”.
- f) Using winch cable to wrap an anchor or failure to use correct rigging.
- g) Inability to complete the objective.
- h) Loss of control of the load or shocking loading the system

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

\_\_\_\_ PASS      \_\_\_\_ FAIL – <42 Points      \_\_\_\_ FAIL – Critical Failure Point

\_\_\_\_\_  
Evaluator Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator Signature