



Section #1
Objective Based Driver
Operator Package

Objective Based Drivers Training

1. Operate all fixed systems and equipment on the apparatus

Requisite Skills: The ability to deploy, energize and monitor the system or equipment and to recognize and correct system problems.

Satisfactorily Completed Date _____

Company Officer Signature _____

Candidate Signature _____

2. Perform routine tests, inspections, and servicing functions on the systems and components specified in the following list, given a fire department vehicle and its manufacturer's specifications, so that the operational status of the vehicle is verified.

- Battery(ies)
- Braking system
- Coolant system
- Fuel
- Hydraulic fluids
- Oil
- Tires
- Steering system
- Belts
- Tools, appliances and equipment

Requisite Skills: The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures.

Satisfactorily Completed Date _____

Company Officer Signature _____

Candidate Signature _____

FDC 114 Preventive Maintenance / 1002 2-2.1 Apparatus Inspections And Maintenance

3. Document the routine test, inspections, and servicing functions, given maintenance and inspection forms, so that all items are checked for proper operation and deficiencies are reported.

Requisite Skills: The ability to use tools and equipment and complete all related departmental forms.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 125 Records And Reports /1002 2.2 Daily Inspection / Maintenance Reports

4. Perform the specified routine test, inspections, and servicing functions specified in the following list in addition to those contained in the list in item 2 above, given a fire department pumper and its manufacturer's specifications, so that the operational status of the pumper is verified.

- Water tank and other extinguishing agent levels (if applicable).
- Pumping systems
- Foam Systems

Requisite Skills: The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 205 Pump Operations And Handling / 1002 3-1.1 Pump Operations And Maintenance

5. Operate a fire department vehicle, given a vehicle and a predetermined route on a public way that incorporates the maneuvers and features specified in the following list that the driver/operator is expected to encounter during normal operations, so that the vehicle is safely operated in compliance with all applicable state and local laws, departmental rules and regulations, and the requirements of NFPA 1500, *Standard on Fire Department Occupational Safety and Health Program*, Section 4-2. *

- Four left and four right turns
- A straight section of urban business street or a two-lane rural road at least one mile in length.
- One through-intersection and two intersections where a stop has to be made.
- One railroad crossing.
- A section of limited-access highway that includes a conventional ramp entrance and exit and a section of road long enough to allow two lane changes.
- A downgrade steep enough and long enough to require downshifting and braking. (for manual transmissions)
- An upgrade steep enough and long enough to require gear changing to maintain speed. (for manual transmissions)
- One underpass or a low clearance or bridge.

Requisite Skill: The ability to operate passenger restraint devices, maintain safe following distances, maintain control of the vehicle while accelerating, decelerating, and turning, maintain reasonable speed for road, weather, and traffic conditions, operate under adverse environmental or driving surface conditions, and use automotive gauges and controls.

Satisfactorily Completed Date _____

Company Officer Signature _____

Candidate Signature _____

FDC 204 Defensive Driving / 1002 2-3.1 Driving / Operating

* *Appendices "C" page 21*

6. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle, given a fire department vehicle, a spotter and restricted spaces 12ft. in width, requiring 90-degree right-hand and left-hand turns from the roadway, so that the vehicle is parked within the restricted areas without having to stop and pull forward and without striking obstructions. *

Requisite Skill: The ability to use mirrors, judge vehicle clearance, and operate the vehicle safely.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 205 Pump Operations And Handling / 1002 2-3.2 Backing A Vehicle

** Appendices “B” page 16*

7. Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department vehicle, a spotter for backing, and a roadway with obstructions, so that the vehicle is maneuvered through the obstructions without stopping to change the direction of travel and without striking the obstructions. *

Requisite Skill: The ability to use mirrors, judge vehicle clearance, and operate the vehicle safely.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 204 Defensive Driving / 1002 2-3.3 Roadway Obstructions

** Appendices “B” page 18*

8. Turn a fire department vehicle 180 degrees within a confined space, given a fire department vehicle, a spotter for backing, and an area in which the vehicle cannot perform a U-turn without stopping and backing up, so that the vehicle is turned 180 degrees without striking obstructions within the given space. *

Requisite Skill: The ability to use mirrors, judge vehicle clearance, and operate the vehicle safely.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 205 Pump Operations And Handling / 1002 2-3.4 Vehicle Operations In Confined Spaces

** Appendices “B” page 19*

9. Maneuver a fire department vehicle in an area with restricted horizontal and vertical clearances, given a fire department vehicle and a course that requires the operator to move through areas of restricted horizontal and vertical clearances, so that the operator accurately judges the ability to pass through the openings and so that no obstructions are struck. *

Requisite Skill: The ability to use mirrors, judge vehicle clearance, and operate the vehicle safely.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 205 Pump Operations And Handling / 1002 2-3.5 Restricted Horizontal And Vertical Clearances

** Appendices “B” page 20*

10. Perform the practical driving exercises specified in six through nine above, given a fire department pumper and a spotter for backing, so that each exercise is performed safely without striking the vehicle or obstructions.

Requisite Skill: The ability to use mirrors, judge vehicle clearance, and operate the vehicle safely.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 204 Defensive Driving / 1002 3-1.3 Practical Driving Exercise

11. Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

- Internal tank
- Pressurized source
- Static source
- Transfer from internal tank to external source

Requisite Skills: The ability to position a fire department pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves and appliances.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 205 Pump Operations And Handling / 1002 3-2.1 Basic Pump Operations

12. Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay.

Requisite Skills: The ability to position a fire department pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves and appliances.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 119 Water Supplies / 1002 3-2.2 Relay Pumping

13. Supply water to fire sprinkler and standpipe systems, given specific system information and a fire department pumper, so that water is supplied to the system at the proper volume and pressure.

Requisite Knowledge: Calculation of pump discharge pressure; hose layouts; location of fire department connection; alternative supply procedures if fire department connection is not usable; operating principles of sprinkler systems as defined in NFPA 13, Standard for the Installation of Sprinkler Systems, NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, and NFPA 13R, Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height; fire department operations in sprinklered properties as defined in NFPA 13E, Guide for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems; and operating principles of standpipe systems as defined in NFPA 14, Standard for the Installation of Standpipe and Hose Systems.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 119 Water Supplies / 1002 3-2.4 Supplying Sprinklers And Standpipe Systems.

14. Maneuver and position a mobile water supply apparatus at a water shuttle fill site, given a fill site location and one or more supply hoses, so that the apparatus is properly positioned, supply hoses are attached to the intake connection without having to stretch additional hose, and no objects are struck at the fill site.

Requisite Skills: The ability to determine the appropriate position for the apparatus; maneuver apparatus into proper position; and avoid obstacles to operations.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 205 Pump Operations And Handling / 1002 8-2.1 Positioning Water Supply Apparatus

15. Maneuver and position a mobile water supply apparatus at a water shuttle dump site, given a dump site, and a portable water tank, so that all of the water being discharged from the apparatus enters the portable tank and no objects are struck at the dump site.

Requisite Skills: The ability to determine the appropriate position for the apparatus; maneuver apparatus into proper position; and avoid obstacles to operations, and operate the fire pump or rapid water dump tank system.

Satisfactorily Completed Date_____

Company Officer Signature_____

Candidate Signature_____

FDC 119 Water Supplies / 1002 8-2.2 Positioning Apparatus For Dump Tank Operations

16. Establish a water shuttle dump site, given two or more portable water tanks, low-level strainers, water transfer equipment, fire hose, and a fire apparatus equipped with a fire pump, so that the tank being drafted from is kept full at all times, the tank being dumped into is emptied first, and the water is transferred efficiently from one tank to the next.

Requisite Skills: The ability to deploy portable water tanks, connect and operate water transfer equipment, and connect a strainer and suction hose to the fire pump.

Satisfactorily Completed Date _____

Company Officer Signature _____

Candidate Signature _____

FDC 119 Water Supplies / 1002 8-2.3 Drafting From Dump Tanks

17. Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided.

Requisite Skills: The ability to operate foam proportioning equipment and connect foam stream equipment.

Satisfactorily Completed Date _____

Company Officer Signature _____

Candidate Signature _____

FDC 205 Pump Operations And Handling / 1002 3-2.3 Foam Fire Streams

Cherokee County Fire & Emergency Services

Practical Pump Operator Evaluation

Name _____

Date _____

The following evolutions will test your requisite skill level in operation of fire apparatus equipped with a fire pump, and mobile water apparatus.

1. Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems:
 - Internal Tank
 - Pressurized Source
 - Static Source
 - Transfer from internal tank to external source.

1a. While pumping from the Internal tank, flow 1-1 ½ and 1- 2 ½ lines at the rated flow of the nozzles provided.....**P F**

1b. While flowing the 1- 1 ½ and 1- 2 ½ handlines at capacity, replenishing the water in the supply source while maintaining proper pump discharge pressure.....**P F**

1c. After replenishing the internal tank source in the above exercise, transfer your water supply to the pressurized water supply source while maintaining proper pump discharge pressure.....**P F**

1d. Using the source provided, establish and maintain a draft from a static water source.....**P F**

Comments: _____

2. Pumping the supply line provided, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay.....P F

Comments: _____

3. Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided.....P F

Comments _____

4. Using hand lines or master streams as substitute standpipe and or sprinkler systems. With the information provided by the evaluator, calculate and flow the correct pump discharge pressure necessary to supply water to the sprinkler system and standpipe systems, so that water is supplied to the system at the proper volume and pressure.

P F

Comments _____

Evaluators: Section 1 _____

Section 2 _____

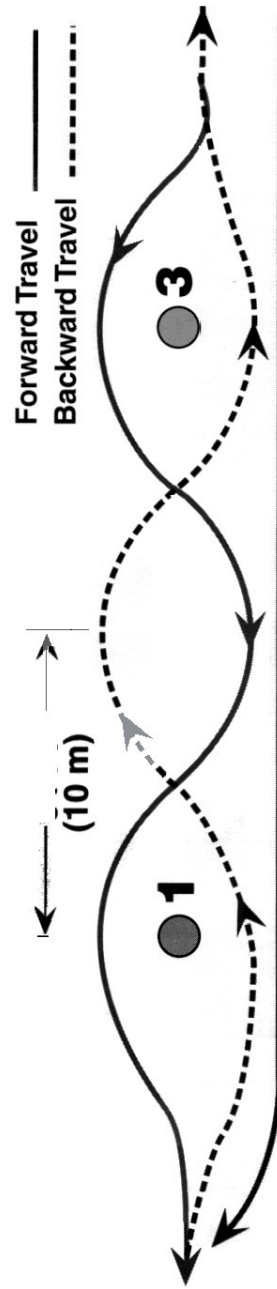
Section 3 _____

Section 4 _____



Section #2
Low Speed Maneuvering
Course
(Cone Course)

Serpentine Exercise



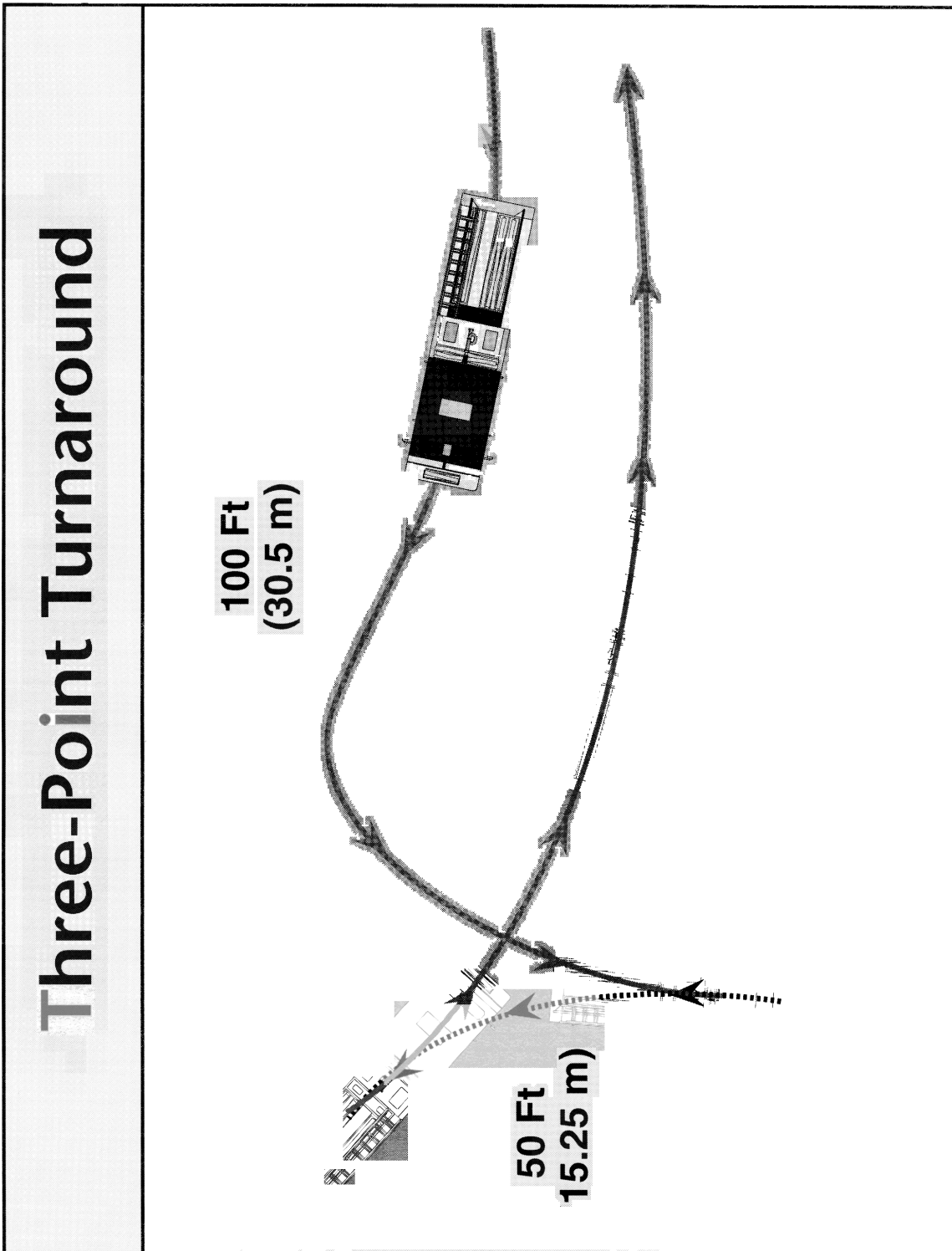
Driving Score Sheets

Serpentine Exercise

Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department vehicle, a spotter for backing, and a roadway with obstructions, so that the vehicle is maneuvered through the obstructions without stopping to change the direction of travel and without striking the obstructions.

Candidate is allowed to stop only once to change direction. Any additional stops will result in a point reduction.

Total Possible Points	50
Candidate changed direction more than once (for each additional change)	-10
Knocking down any cone	-50
Total	_____
Required Minimum Score	40



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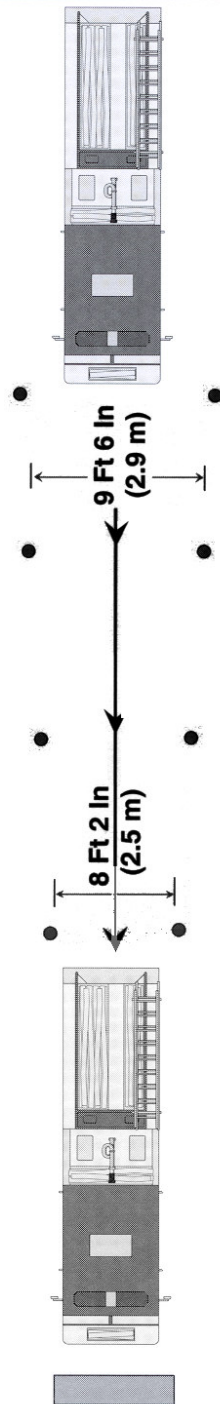
Driving Score Sheet

Confined Space Turn Around

Turn a fire department vehicle 180 degrees within a confined space, given a fire department vehicle, a spotter for backing, and an area in which the vehicle cannot perform a U-turn without stopping and backing up, so that the vehicle is turned 180 degrees without striking obstructions within the given space.

Total Possible Points	50
Knocking down any cone	-50
Total	<hr/>
Required Minimum Score	50

Diminishing Clearance Exercise



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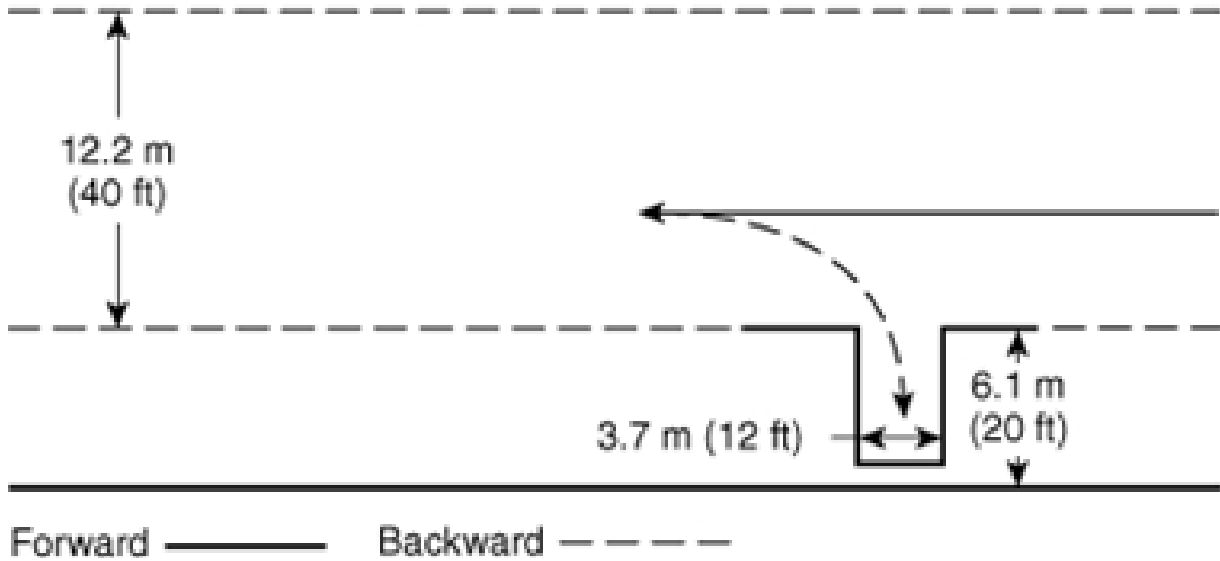
Driving Score Sheet

Diminishing Clearance Exercise

Maneuver a fire department vehicle in an area with restricted horizontal and vertical clearances, given a fire department vehicle and a course that requires the operator to move through areas of restricted horizontal and vertical clearances, so that the operator accurately judges the ability to pass through the openings and so that no obstructions are struck.

Total Possible Points	50
Knocking down any cone	-50
Total	_____
Required Minimum Score	50

Alley Dock Exercise



ALLEY DOCK EXERCISE

Driving Score Sheet

This exercise measures a driver's ability to drive past a simulated dock or stall, back the apparatus into the space provided, and stop smoothly. A dock or stall can be simulated by arranging barricades 12.2 m (40 ft) from a boundary line. These barricades should be 3.7 m (12 ft) apart, and the length should be approximately 6.1 m (20 ft). The driver should pass the barricades with the dock on the left and then back the apparatus, using a left turn, into the stall. The exercise should then be repeated with the dock on the right side, using a right turn. (Note that for large vehicles, this course might need to be modified).

Total Possible Points	50
Knocking Down any Cone	-50
Candidate may pull forward once, any additional pulling forward	-10
Striking Rear Cone	-50
Right Turn Total	_____
Left Turn Total	_____
Minimum Required Score for Each Exercise	40



Section #3

Apparatus Road Test

Cherokee County Fire & Emergency Services

North End Driving Course

Name _____

Date _____

Beginning at the Wal-Mart parking lot in Canton, go through the stop sign to the Red light at Riverstone Parkway. Proceed south on Riverstone Parkway to I-575 south, Proceed south on I-575 to Exit 16. While on I-575 perform 2 (two)-lane changes. Exit off at Exit 16 and proceed East on Hwy 140 to Mauldin Ln. Turn right on Mauldin Ln. and proceed to Univeter Road. Turn Right on Univeter Road, proceed to Kenny Askew Park. Turn left into the parking lot at Kenny Askew Park and proceed back to the Wal-Mart Parking lot by reversing the route.

This course will test your skills in the following areas:

- | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| P | F | P | F |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|8 | Stop Signs |6 | Right Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|7 | Left Turns |4 | Overpasses' |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|1 | Protected Rail Road |1 | Unprotected Rail Road |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|1 | Left Curve |1 | Right Curve |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|2 | Lane Changes |Downgrade | Downshifting |
| <input type="checkbox"/> | <input type="checkbox"/> | | |
|Upgrade | Up shifting | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | |

Comments: _____

Evaluator _____

Cherokee County Fire & Emergency Services South End Drivers Course

Name_____

Date_____

Beginning Mileage_____

Ending Mileage_____

Starting at Station 7 turn right to Arnold Mill Road. Turn left and follow through Woodstock over railroad tracks, under I-575. Take I-575 South to Hwy. 92. Exit I-575 to Hwy 92 and proceed East on highway 92. While on Hwy 92, perform 2 (two)-lane changes. Follow Hwy. 92 to West Wiley Bridge Road. Turn left on West Wiley Bridge and follow until you return to Hwy. 92. Turn right and follow Hwy. 92 to Ragsdale Road, and turn right. Follow Ragsdale Road to Apple Valley Dr. and turn left. Follow Apple Valley Drive to Apple Branch Drive and turn right. Follow Apple Branch to the stop sign and turn right on Apple Branch Drive, and proceed to Trickum Road. Turn Right on Trickum Road and proceed to Barnes Road. Turn Right on Barnes Road and stop at Station 7.

- € 9 Stop Signs
- € 5 Left Turns
- € 7 Right Turns
- € 2 Railroad Crossings
- € 1 underpass
- € 9 Intersections
- € 20 Red Lights

- € 1 Entrance Ramp
- € 1 Exit Ramp
- € 2 Lane Changes
- € 2 Overpass's
- € 1 Left Curve
- € 1 Right Curve

Evaluator_____

Comments_____



Section #4
**Supervised Non-
Emergency Driving
Experience**

Candidates Name: _____

Station _____ Shift _____ Start Date of Training _____

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Start	Finish	Trainee Signature
Hours	Mileage	Officers Signature

Cherokee County Fire & Emergency Services

Supervised Non Emergency Driving Experience Verification

(75 Miles required)

Date: _____ Station _____ Shift _____

Apparatus _____

Candidate (Print) _____

Candidate Supervisor (Print) _____

Beginning Time _____ Ending Time _____

Total Hours _____

Beginning Mileage _____

Ending Mileage _____

Total _____

Candidate Signature _____

Supervisor Signature _____



Section #5
Supervised Emergency
Driving Experience

**Cherokee County
Fire & Emergency Services
Supervised Emergency Vehicle Driving Log**

Name _____ Date of Hire _____

Date Beginning Log _____ Date Completed _____

Station Assignment(s) _____

It is intended that three passing supervised Emergency Responses be completed in any type of apparatus that the candidate wishes to be eligible to drive.

Mark "P" for Pass and "F" for Fail

	Engine			Squad			Rescue			
	1	2	3	1	2	3	1	2	3	
Adherence to SOP 1100.01 in regards to the section marked "response?"										
Adherence to SOP 1100.01 in regards to the section marked "Maximum Safe Speed"										
Adherence to SOP 1100.01 in regards to the section marked "Passing"										
Adherence to SOP 1100.01 in regards to the section marked "Approaching and parking at an Incident"										
Adherence to SOP 1100.01 in regards to the section marked "Vehicle Response"										

I respectfully submit this record of my driving experience.

Candidate Signature _____

Company Officer _____

Training Division Designee _____



Authorization



Emergency Vehicle Authorization

Candidate _____

The above named candidate has completed supervised emergency driving under my supervision on the dates listed below.

Apparatus	Testing Officer's Signature	Date
Engine		
Rescue		
Squad		

I recommend that the above named candidate be granted authorization to drive and operate the apparatus listed below.

(Circle)

Engine

Rescue

Squad

Supervisor's Signature _____

Date _____

The candidate is authorized to operate and drive the above listed apparatus. Authorization to drive and operate Cherokee County Fire & Emergency Services apparatus may be granted or revoked only by the authority of the Cherokee County Fire Chief.

Training Chief's Signature/ Or Designee _____

Date _____