



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Perform and document routine tests and inspections

Candidate Name: _____

Candidate ID#: _____

Skill No. **A-1**

PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Provide the candidate with a functional aerial apparatus and an inspection form so the candidate can accomplish the inspection of the components below and tools to make necessary minor corrections as necessary.

INSTRUCTIONS TO THE CANDIDATE

Given an operational aerial apparatus, equipment and forms to document the inspection, the candidate shall perform the tests, inspections, adjustments and reporting of the inspection of the following components:

- | | | |
|----------------------|--------------------------------------|------------------------------------|
| 1. Battery | 8. Tires | 14. Cable systems (if applicable) |
| 2. Braking System | 9. Steering System | 15. Aerial device hydraulic system |
| 3. Coolant System | 10. Belts | 16. Stabilizing systems |
| 4. Electrical System | 11. Tools, Appliances, and Equipment | 17. Aerial device safety systems |
| 5. Fuel | 12. Fire Pump and related components | 18. Breathing air systems |
| 6. Hydraulic fluids | 13. Foam system if applicable | 19. Communication systems |
| 7. Oil | | |

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate completed all checks.		
a. No areas of the form were left unaccounted for.	15	
b. N/A was put in all spaces that where not applicable.	10	
2. All checks were accomplished using safe working habits.		
a. Care was taken to insure proper bending and climbing habits.	10	
b. If the inspection required any removal of covers or other safety devices, they were replaced properly and secured.	15	
3. Insuring legibility of maintenance request.		
a. Requests for maintenance were legible and easy to read.	12.5	
b. The request for maintenance was complete so that the maintenance person could understand the problem and proper maintenance could be accomplished.	12.5	
4. Inspection completion.		
a. The candidate completed the task and returned the apparatus to a safe operating condition, OR	25	
b. The candidate placed the truck out of service and secured the keys so it could not be driven except by maintenance personnel.		

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

Candidate can receive a maximum of 25 points for each performance evaluation section.

NFPA 1002:2003 Ed

Objectives: 4.2.1, 6.1.1

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____

Aerial inspection checklist and maintenance request form



Candidate: _____

Vehicle is serviceable

Date: _____ Veh ID#: _____

Vehicle is not serviceable

With engine off

- 1 Vehicle body
- 2 Wheels, tires (tread depth), lugs
- 3 Fuel tank and cap
- 4 Brake hoses, air hoses, steering linkage, suspension
- 5 Drain air tanks of moisture
- 6 Compartments & doors, mounted equipment
- 7 Engine, transmission, rear end, oil levels
- 8 Pump oil level (if applicable)
- 9 Batteries liquid levels and corrosion problems
- 10 Portable equipment for operation and liquid levels

With engine running

- 11 Gauges - Ammeter, Oil Pressure, Water Temperature, Air Pressure, Vacuum
- 12 Windshield wipers and washer
- 13 All window glass, mirrors and reflectors
- 14 Heater defroster / air conditioning
- 15 Brakes foot and parking
- 16 Horns, sirens & emergency warning lights (rotating and fixed)
- 17 Engine noises
- 18 Clutch - transmission shifting manual & automatic, drive train operation
- 19 Steering
- 20 Leaks - water, fuel, oil
- 21 Head lights, tail stop & marker lights, turn & emergency flashers
- 22 Pump & primer for proper engagement & operation (if applicable)

Aerial Device

- 23 Inspect aerial waterway (if applicable)
- 24 Hydraulic oil level
- 25 PTO operation
- 26 Jacks/Outrigger/Interlocks operation
- 27 Turntable control operation
- 28 Aerial tip/basket control operation
- 29 Aerial nozzle operation (if applicable)

In the space below explain any items requiring service and any other important information.



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Maneuvering Aerial Apparatus
through Obstacle course

Candidate Name: _____

Candidate ID#: _____

Skill No. **A-2** PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Provide the candidate with a functional aerial apparatus, and a closed area in order for the candidate to accomplish the tasks and maneuvers below.

INSTRUCTIONS TO THE CANDIDATE

Given an operational aerial apparatus, and an established obstacle course, the candidate shall maneuver the apparatus through the driving obstacle course as instructed by the evaluator to accomplish: 1. A U-Turn, 2. Backing into a restricted space such as into a fire station, 3. Negotiate a serpentine of obstructions in both forward and reverse, and 4. Judgment of horizontal and vertical clearances. Operation shall be under simulated emergency conditions.

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate shall turn a fire department vehicle 180° within a confined space small enough that a U turn cannot be accomplished without stopping and backing up. The vehicle must be turned 180° without striking obstructions in the given space.	20	
2. Candidate shall back a FD vehicle from a roadway into restricted spaces on both right and left sides of the vehicle, requiring 90° right hand and left hand turns from the highway, so that the vehicle is parked within the restricted areas without having to stop and pull forward and without striking obstructions.	20	
3. Candidate shall maneuver a FD vehicle around obstructions on a roadway while moving forward and in reverse so that the vehicle is maneuvered through the obstructions without stopping to change the direction of travel and without striking the obstructions.	20	
4. Candidate shall maneuver a FD vehicle in areas of restricted horizontal and vertical clearances so that the operator accurately judges the ability of the vehicle to pass through the openings and so that no obstructions are struck.	20	
5. Candidate shall operate a FD vehicle using defensive driving techniques under simulated emergency conditions, so that control of the vehicle is maintained.	20	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

Candidate can receive a maximum of 20 points for each performance evaluation section.

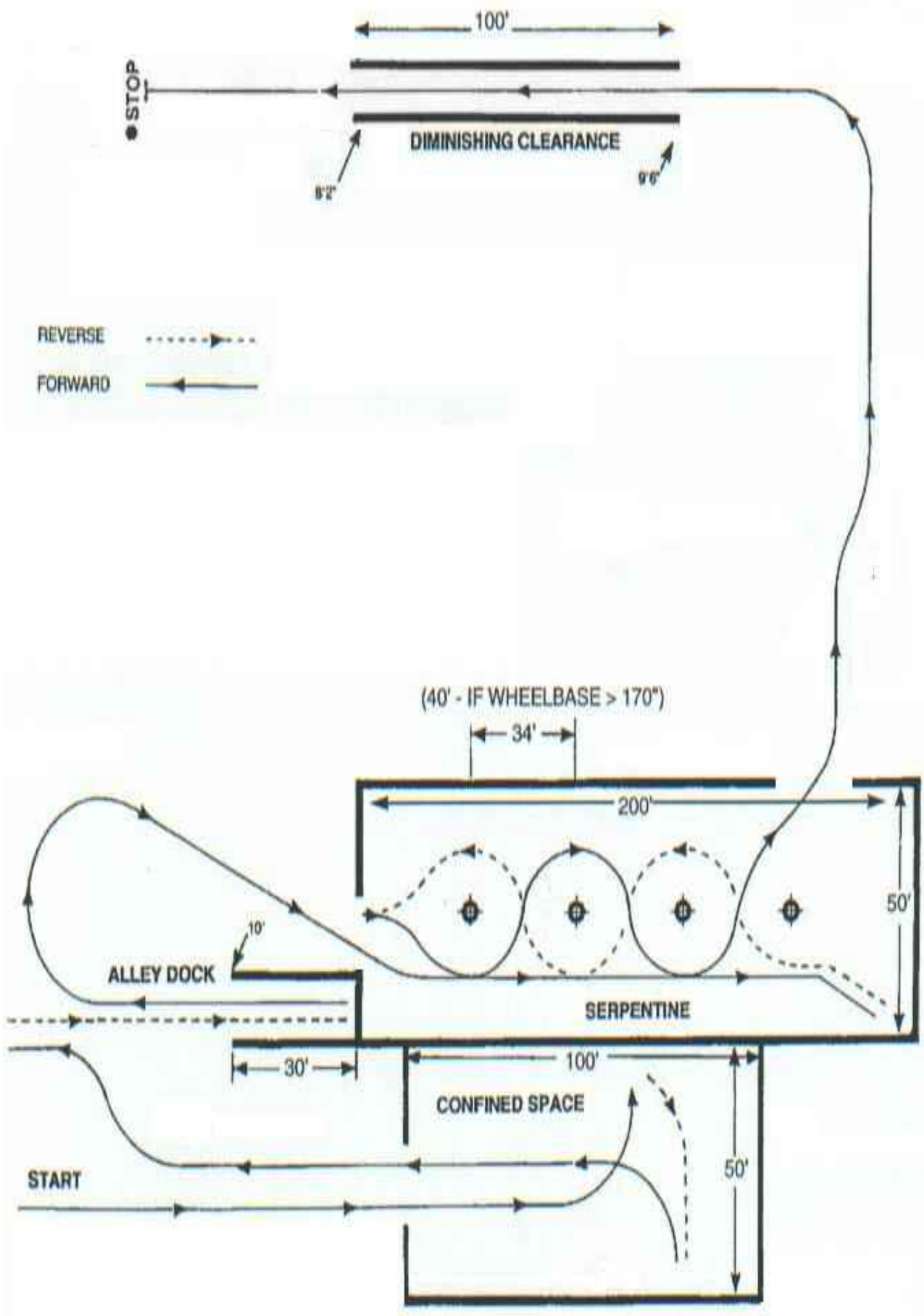
NFPA 1002:2003 Ed

Objectives: 4.3.2, 4.3.3, 4.3.4
4.3.5

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____





AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Operate FD Aerial on Public
Highway

Candidate Name: _____
Candidate ID#: _____

Skill No. **A-3**

PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Provide the candidate with a functional aerial apparatus, and areas of public roadway in order for the candidate to accomplish the tasks and maneuvers below.

INSTRUCTIONS TO THE CANDIDATE

Given an operational aerial apparatus, the candidate shall operate the vehicle upon the public way to maneuver 4 left turns and 4 right turns, travel a 1 mile straight section of urban business street or rural 2-lane road, negotiate 1 through-intersection and two intersections where a stop must be made, cross railroad tracks, negotiate a right or left curve, travel a section of limited-access highway that includes a conventional ramp entrance and exit and completes 2 lane changes, travel downgrade requiring downshift or braking, travel upgrade requiring downshift to maintain speed and through 1 underpass or low clearance bridge.

PERFORMANCE

	Points Poss	Pts Earned
The candidate shall complete each of the following maneuvers while operating an aerial apparatus:		
1. Four left turns.	10	
2. Four right turns	10	
3. A straight section of urban business street or a two-lane rural road at least 1 mile in length.	10	
4. One through-intersection and two intersections where a stop has to be made.	10	
5. One railroad crossing.	10	
6. One curve, either left or right.	10	
7. 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.	10	
8. A downgrade steep enough and long enough to require down shifting (manual transmission) and braking.	10	
9. An upgrade steep enough and long enough to require gear changing (manual transmission) to maintain speed.	10	
10. One underpass or low clearance bridge.	10	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

Candidate can receive a maximum of 10 points for each performance evaluation item.

NFPA 1002:2003 Ed

Objectives: **4.3.1, 4.3.6**

TEST DATE: _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



Kentucky Fire Commission

Driver/Operator Training Highway Evaluation Form

Department ID# _____ Fire Dept. Name _____

FF ID# _____ FF Name _____ Driver Lic # _____

Vehicle Type (Check Only): Pumper Aerial/Quint Tanker _____ gallon Van/Pickup

Firefighter must operate a vehicle on 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. The accompanying officer shall place a check in the box (☒) adjacent to the task only after the candidate has completed the task to the satisfaction of the officer. Credit for taking the driver/operator training course will not be given until all applicable tasks are checked. Tasks NOT within the driver's primary response area or nearest mutual aid response area are NOT applicable.

- Four left and four right turns.
- A straight section of urban business street or a two-lane rural road at least one (1) mile (1.6 km) in length.
- One (1) through-intersection and two (2) intersections where a stop has to be made.
- One (1) railroad crossing.
- One (1) curve, either left or right.
- 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 down shifting (manual transmission) and braking.
- An upgrade steep enough and long enough to require gear changing (manual transmission) to maintain speed.
- One under pass or low clearance.

The above tasks shall be done for initial certification and should at least annually as part of the departments training program. If any one of the above applicable tasks is not completed to the satisfaction of the evaluator, the candidate shall not be awarded certification.

Chief or designee certification:

I (print name) _____ do here-by certify that I have observed the above named individual complete to my satisfaction, all required tasks applicable on this form. I further certify that the information above is true and correct.

Signed _____

Title: _____

Date completed: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Operating fixed systems on FD
Aerial Apparatus

Candidate Name: _____
Candidate ID#: _____

Skill No. **A-4** PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Provide the candidate with a functional aerial apparatus equipped with a power generating device and lighting so the candidate can accomplish the tasks below.

INSTRUCTIONS TO THE CANDIDATE

Given an operational aerial apparatus with a generator, the candidate shall secure the vehicle, start the generator and adjust the lighting to illuminate an area.

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate shall park the vehicle in an area free of dangers to the operator and adjacent to the area to be illuminated.	20	
2. Candidate shall put the vehicle in the appropriate parking gear and set the vehicle parking brake.	20	
3. Candidate shall chock the wheels of the vehicle.	20	
4. Candidate shall prepare the apparatus generator and start it.	20	
5. Candidate shall set the apparatus lighting system to illuminate an area specified by the evaluator.	20	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTALS

Passing Score

Candidate can receive a maximum of 20 points for each performance evaluation section.

NFPA 1002:2003 ed

Objectives: 4.3.7

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Position and Stabilize

Candidate Name: _____

Aerial Apparatus

Candidate ID#: _____

Skill No. **A-5** PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

The candidate shall be provided with a functional aerial apparatus in order to perform the skills required of the candidate as listed below.

INSTRUCTIONS TO THE CANDIDATE

Given an operational aerial apparatus, the candidate shall maneuver, position and stabilize the apparatus preparing it for aerial device deployment.

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate safely maneuvers the aerial apparatus into position for the proper placement for situation description.	25	
2. Candidate applies parking brake, engages aerial hydraulic system, exits the apparatus and deploys wheel chocks.	25	
3. Candidate deploys all outrigger/stabilizers according to manufacturer's recommendations and transfers power to the aerial device.	25	
4. Candidate uses safe practices during the entire evolution and places apparatus in position which the aerial device will reach the objective.	25	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

Candidate can receive a maximum of the points listed for each performance evaluation section.

NFPA 1002:2003 Ed

TEST DATE _____ LOCATION: _____

Objectives: **6.2.1, 6.2.2, 6.2.3**

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Operate Aerial Device and
Elevated Master Stream

Candidate Name: _____
Candidate ID#: _____

Skill No. **A-6** PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

The candidate shall be provided with a functional aerial apparatus in order to perform the skills required of the candidate as listed below.

INSTRUCTIONS TO THE CANDIDATE

Given an aerial apparatus, positioned and stabilized, the candidate shall check for proper positioning, stabilization and overhead obstructions; demonstrate elevation, rotation and extension; activates locks and operates elevated master stream; lowers the device into the bed and secures; transfers power from the device to the stabilizers, raises outriggers and prepares the vehicle for road use.

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate checks for proper apparatus positioning, stabilization and for overhead obstructions that may be in the area before deployment.	15	
2. Candidate smoothly moves the aerial device during elevation, rotation and extension and positions the device for the situation described.	30	
3. Candidate activates all system locks after positioning and remains with the control station until operations are complete and time to bed the aerial device.	30	
4. Candidate lowers the aerial device into the bed and applies all aerial hold-downs or locks to secure aerial device for travel.	15	
5. Candidate transfers power from the aerial device to the stabilizers, raises the stabilizers/outriggers and prepares the apparatus for road use.	10	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

70

Candidate can receive a maximum of the points listed for each performance evaluation section.

NFPA 1002:2003 ed

Objectives: **6.2.3**

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Using the Emergency
Operating System

Candidate Name: _____
Candidate ID#: _____

Skill No. **A-7** **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

The candidate shall be provided with a functional aerial apparatus, set up and stabilized, with the device in the extended position in order to perform the skills required of the candidate as listed below.

INSTRUCTIONS TO THE CANDIDATE

Given an operational aerial apparatus, the candidate shall demonstrate the emergency operation of an aerial device, including rotation, retraction and bedding, activation of locks and raising stabilization devices to prepare for road travel.

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate confirms that no one is on the aerial device prior to moving it using the emergency operating system.	25	
2. Candidate retracts, rotates and lowers the aerial device following manufacturer's guidelines on use of the emergency operating system.	25	
3. Candidate beds the aerial device, applies any hold-downs/locks that may be required to hold the aerial device during road travel.	25	
4. Candidate raises the stabilizers using the emergency operating system and prepares the apparatus for road travel.	25	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

Candidate can receive a maximum of the points listed for each performance evaluation section.

NFPA 1002:2003 Ed

Objectives: 6.2.5

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Position Aerial Apparatus and
Perform a Roof Rescue

Candidate Name: _____
Candidate ID#: _____

Skill No. **A-8** **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

The candidate shall be provided with a functional aerial apparatus, rescue basket, mannikin, a suitable location in order to perform and a scenario of each conscious and unconscious victims in order to perform the skills required of the candidate as listed below.

INSTRUCTIONS TO THE CANDIDATE

"Given an operational aerial apparatus, the candidate shall maneuver, position and stabilize the apparatus preparing it for a roof rescue of a victim, raise and extend the device, assist a conscious victim and direct the rescue of an unconscious victim."

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate safely maneuvers the aerial apparatus into position for the proper placement for situation description.	10	
2. Candidate applies parking brake, engages aerial hydraulic system, exits the apparatus and deploys wheel chocks.	10	
3. Candidate deploys all outrigger/stabilizers according to manufacturer's recommendations and transfers power to the aerial device.	15	
4. Candidate shall:		
a. Raise, extend and rotate the aerial device to a point above the victim, and	15	
b. Positions ladder or platform into position for rescue, and	10	
c. Assists a conscious victim onto ladder or into basket for descent.	12.5	
d. Directs firefighters in operation of moving unconscious victim in litter to ladder or platform for decent.	12.5	
5. Candidate uses safe practices, alert for obstructions, falling debris.	15	

Notes: _____

Reference: IFSTA Aerial Apparatus Driver/Operator Handbook 1st Edition

TOTAL

Passing Score

Candidate can receive a maximum of the points listed for each performance evaluation section.

NFPA 1002:2003 Ed

Objectives: 4.3.1, 4.3.6

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____