



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

Candidate shall be provided with the following:

1. Fire department aerial apparatus and its manufacturer specifications.
2. Necessary fluids and tools to adjust deficiencies as necessary to complete the task.
3. The candidate shall be given the instructions below before beginning this task.

*Documentation accomplished on SFRT Form DOA1, Inspection Form

INSTRUCTIONS TO THE CANDIDATE

"The candidate, given a fire department aerial, vehicle specifications, inspection forms, fluids and tools necessary, shall demonstrate routine tests, inspections and service of systems and components of the apparatus provided."

*Documentation accomplished on SFRT Form DOA1, Inspection Form

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate completed all checks and demonstrates ability to recognize system problems.		
a. No areas of the form were left unaccounted for.	15	
b. N/A was put in all spaces that were not applicable.	10	
2. All checks were accomplished using safe working habits.		
C a. Care was taken to ensure proper bending and climbing habits.	10	
C b. If the inspection required any removal of covers or other safety devices, they were replaced properly and secured, utilizing tools as needed.	15	
3. Ensuring 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. Corrects any deficiencies according to policies and procedures.		
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 apparatus so it could not be driven except by maintenance personnel.		

Notes:

C Candidate performed skill in a safe manner. Yes- No-

Reference: IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook 3rd Edition TOTAL

PASS- FAIL- Passing Score

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

NFPA 1002:2014 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 Primer pump oil level (if applicable)
- 9 Batteries liquid levels and corrosion problems
- 10 Portable equipment for operation and liquid levels



With engine running

- 11 Engine gauges
- 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 Abnormal 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 Fire pump & primer for proper engagement & operation (if applicable)

Aerial Device

- 23 Cable systems (if applicable)
- 24 Hydraulic oil level
- 25 PTO operation/Hydraulic System
- 26 Jacks/Outrigger/Interlocks operation
- 27 Slides and rollers
- 28 Communication systems
- 29 Breathing air systems (if applicable)
- 30 Safety systems

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

Candidate shall be provided with the following:

1. Proper location in which to perform.
2. The candidate shall be provided with an operational vehicle, a spotter and an area of operation suitable for the task.
3. The candidate shall be given the instructions below before beginning this task.

INSTRUCTIONS TO THE CANDIDATE

"Given an operational fire department aerial, the candidate shall drive the vehicle, with the aid of a spotter, through the driving obstacle course as instructed"

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: _____

C Candidate performed skill in a safe manner. Yes- No-

Reference: IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook 3rd Edition **TOTAL**

PASS- FAIL- Passing Score

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

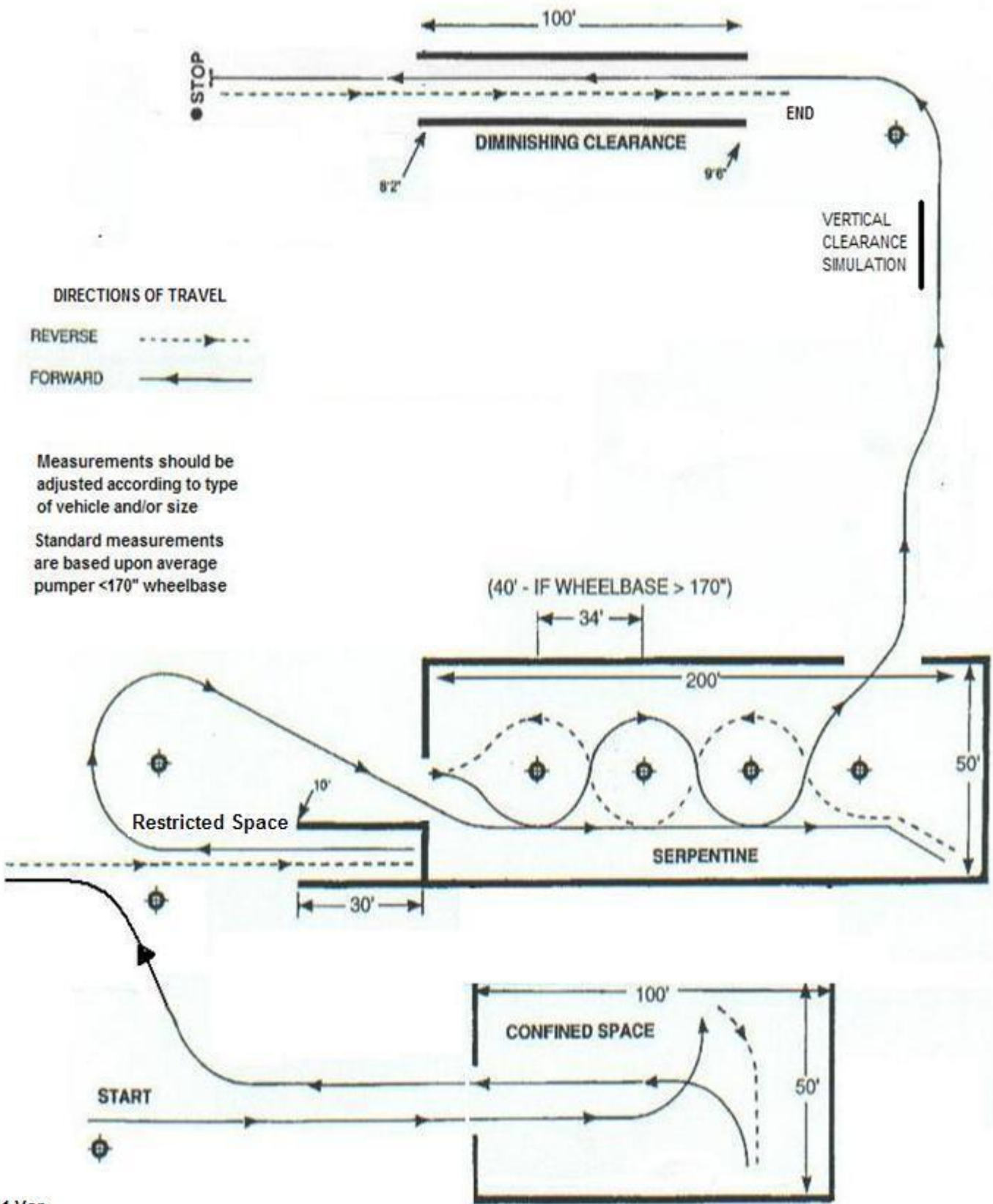
NFPA 1002:2014 Ed

Objectives: **4.3.2, 4.3.3, 4.3.4**
4.3.5

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



DIRECTIONS OF TRAVEL
 REVERSE - - - - -
 FORWARD ————

Measurements should be adjusted according to type of vehicle and/or size
 Standard measurements are based upon average pumper <170" wheelbase

6/11 Ver

Revised 1/17



Drivers Training Course Skill Sheet Obstacle Course Scorecard

Student Name _____

Date _____ Location _____

Drivers License Number and State _____

Type of Vehicle Driven & Unit Number _____

Obstacle #	Description	Error(s)	Points Possible	Deduction (-)	Points Awarded
1	Confined Space	Each cone brushed, moved or overturned -5 points Crossing any boundary, each time -5 points	20	-	
2	Restricted Space (Alley Dock)	Each cone brushed, moved or overturned -5 points	20	-	
3	Serpentine	Each cone brushed, moved or overturned -5 points	20	-	
4	Vertical Clearance	Misjudgment-Contacts Overhead -10 points or Unnecessarily avoids object -5 points	10	-	
5	Horizontal Clearance Forward and Reverse	Each cone brushed, moved or overturned -5 points	10	-	
6	Stop Sign	Passing the Stop Sign -10 points Stopping more than 36" short of stop line -5 points Stopping 18" to 36" short of the stop line -3 points Stopping 12" to 17" short of stop line -2 points Stopping 6" to 11" short of stop line -1 point	10	-	
7	Vehicle Control	Driving too fast -10 points Driving too slow -5 points Improper braking techniques -5 points	10	-	
		TOTAL SCORE (NEED 70 POINTS TO PASS)	100	-	

*Reckless Operation = **AUTOMATIC FAILURE***

Rev. Jan 2017

Notes or Other Important Information:

Instructor Signature _____

Fire Instructor Number _____ Area # _____



COMMISSION ON FIRE PROTECTION PERSONNEL STANDARDS AND EDUCATION
COMMONWEALTH OF KENTUCKY



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 a public roadway utilizing a predetermined course.

PERFORMANCE

		Points Poss	Pts Earned
Ensures use of the following:			
C	1. Passenger restraint devices.	10	
	2. Adjust mirrors.	10	
	3. Uses directional devices (turn signals).	10	
	4. Responds appropriately to traffic and control devices.	10	
	5. Uses appropriate angle of approach and departure. (ie. Ground clearance)	10	
	6. Accelerates safely.	10	
	7. Applies proper braking techniques.	10	
	8. Drives appropriate to weather conditions.	10	
	9. Maintain safe following distance.	10	
C	10. Maintains control of apparatus during operation.	10	

Notes: _____

C Candidate performed skill in a safe manner. Yes- No-

Reference: IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook 3rd Ed. **TOTAL**

PASS- FAIL- Passing Score **70**

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

NFPA 1002:2014 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

Dept ID# _____ Fire Dept Name _____

FF ID# _____ FF Name: _____ Driver License #: _____

Vehicle Type 1-Pumper 2-Aerial/Quint 3-Tanker 4-Van/Pickup/Other

Firefighter must operate a vehicle on a predetermined route on a public highway 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 mark the box (X) 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 drivers primary response area or nearest mutual aid response area are **NOT** applicable.

Four (4) left and four (4) right turns.

A straight section of urban business street or a two-lane rural road at least 1 mile in length.

One (1) through intersection and two (2) intersections where a stop must 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 (2) lane changes.

A downgrade steep enough and long enough to require downshifting (manual trans) and braking.

An upgrade steep enough and long enough to require gear changing (manual trans) to maintain speed.

*One (1) underpass or low clearance.

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

Chief, Supervisor, Instructor or designee certification:

I (print name) _____ do hereby 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: _____





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 apparatus equipped with a power generating device and equipment powered by that device.

INSTRUCTIONS TO THE CANDIDATE

Given an operational apparatus with a generator, the candidate shall secure the vehicle, start the generator and place the selected equipment in service.

PERFORMANCE

	Points Poss	Pts Earned
1. Candidate shall park the vehicle in an area free of dangers to the operator and adjacent to the work area.	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 deploy, energize and monitor system or equipment with the ability to recognize and correct system problems.	20	

Notes: _____

C Candidate performed skill in a safe manner. Yes- No-

Reference: IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook 3rd Ed. **TOTALS**

PASS- FAIL- Passing Score **70**

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

NFPA 1002:2014 ed
Objectives: 4.3.7

TEST DATE _____ LOCATION: _____
EVALUATOR NAME (Print): _____
EVALUATOR SIGNATURE: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Elevated Master Stream
Emergency Operating System

Candidate Name: _____
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, 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, 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. Then 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 checks for positioning, stabilization and overhead obstructions.	20	
2. Candidate shall connect water supply to the aerial device and manually or remotely operate the the elevated nozzle.	20	
3. Candidate confirms that no one is on the aerial device prior to moving it using the emergency operating system.	15	
4. Candidate retracts, rotates and lowers the aerial device following manufacturer's guidelines on use of the emergency operating system.	15	
5. Candidate centers and beds the aerial device, applies any hold-downs/locks that may be required to hold the aerial device during road travel.	10	
6. Candidate raises the stabilizers using the emergency operating system and prepares the apparatus for road travel.	20	

Notes: _____

C Candidate performed skill in a safe manner. Yes- No-

Reference: IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook 3rd Ed. TOTAL

PASS- FAIL- Passing Score

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

NFPA 1002:2014 Ed

Objectives: 6.2.3,6.2.4,6.2.5

TEST DATE _____ LOCATION: _____

EVALUATOR NAME (Print): _____

EVALUATOR SIGNATURE: _____



AERIAL DRIVER/OPERATOR COMPETENCY EVALUATION

JPR Task: Position Aerial Apparatus for a Rescue 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, a suitable location to perform and a rescue scenario 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 the rescue of a victim."

PERFORMANCE

		Points Poss	Pts Earned
1.	Candidate safely maneuvers the aerial apparatus into position for the proper placement for situation description.	25	
C 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 shall unlock, raise, extend and position the aerial device to the specified location for the scenario. Candidate shall then unlock, retract, and bed the aerial device.	25	

Notes: _____

C Candidate performed skill in a safe manner. Yes- No-

Reference: IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook 3rd Ed. **TOTAL**

PASS- FAIL- Passing Score **70**

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

NFPA 1002:2014 Ed
Objectives: 6.2.1, 6.2.2, 6.2.3, 6.2.4

TEST DATE _____ LOCATION: _____
EVALUATOR NAME (Print): _____
EVALUATOR SIGNATURE: _____