



# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Operate Fixed Systems

**Skill Number: AOP-1**

**Objective: 4.3.7 (A) (B)**

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with the equipment to complete this objective including apparatus.
2. The candidate uses safety precautions.
3. The candidate will be given the instructions below before beginning this exercise.
4. The monitor shall determine prior to the skill, the type of fixed system and its operating pressures being used on the test site
5. The monitor can allow the use of a portable deck gun for the purpose of testing.

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate, given the proper pre-piped monitor and apparatus shall demonstrate the procedures and ability to pressurize the system and to recognize and correct system problems with 100% accuracy.”

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Placed wheel chocks under wheels.
3. Placed apparatus into pump gear.
4. Ensured pump was engaged.
5. Operated fixed system.
6. Checked and operated with the correct discharge pressure.
7. Recognized and corrected system problems.

**Candidate must complete 7 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

Contact the Monitor at any time with any questions you may have.



# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Daily Inspection

**Skill Number: AOP-2**

**Objective: 4.2.1 (1)(2)(3)(4)(5)(6)(7)(8)(9)(10)(11)**

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with an apparatus to complete objective.
2. The candidate uses safety precautions.
3. The candidate will be given the instructions below before beginning this exercise.

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate given the proper equipment and apparatus shall perform a daily inspection for the apparatus provided with 100% accuracy.”

1. Conducted a safety check and walk around before operating and moving the apparatus.
  - a. All doors closed
  - b. All exterior equipment secure
2. Placed wheel chocks under wheels.
3. Checked battery (ies).
4. Checked electrical system.
5. Checked braking system. (on test apparatus)
  - a. Airbrakes-checks air pressure
  - b. Hydraulic-checks fluid levels
6. Checked belts.
7. Checked coolant system.
8. Checked gauges and fuel level.
9. Checked all fluid levels.
10. Performed an inspection of tires.
11. Conducted a visual inspection of steering system.
12. Checked tools, appliances and other equipment.
13. Reported any deficiencies.

**Candidate must complete 13 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

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# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Master Stream Operation

Skill Number: AOP-3

Objective: 5.2.2 (A) (B)

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with the proper equipment and apparatus to complete objective.
2. The candidate ensures and maintains safety.
3. The candidate will be given the instructions below before beginning this exercise.

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate given the proper equipment and apparatus shall demonstrate procedures for providing an effective master stream for fire suppression or other need with 100% accuracy.”

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Apparatus placed in position.
3. Placed wheel chocks under wheels.
4. Placed apparatus into pump gear.
5. Ensured a secure water supply.
6. If applicable, pressure relief/pressure governor valve was set.
7. Selected correct lever for master stream device.
8. Discharge pressure was set for master stream device with combination (fog) nozzle or smooth bore tips.
9. Monitored for potential problems.

**Candidate must complete 9 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

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# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Connect and Supply Fire Department Connection (FDC)

Skill Number: AOP-4

Objective: 5.2.4 (A)(B)

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with the proper equipment and apparatus to complete objective.
2. The candidate uses safety precautions.
3. The candidate shall be provided with a fire department connection (FDC).
4. The candidate will be given the instructions below before beginning this exercise.
5. Monitor/Evaluator designates residential or commercial FDC

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate shall supply water to a fire department connection (FDC) after making correct connection to the system so that water is supplied to the system at the proper pressures with 100% accuracy.”

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Placed apparatus in proper position.
3. Placed wheel chocks under wheels.
4. Placed apparatus into pump gear.
5. Attached one (1) or two (2) lines to the fire department connection (FDC).
6. Recognized the need for water supply.
7. Operates from a secure water source.
8. Pump discharge pressure (PDP) was set to desired pressure.
9. Monitored for any problems that may occur.

**Candidate must complete 9 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

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# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### One Hoseline Attack/One Exposure Hose Line

**Skill Number: AOP-5**

**Objective: 5.2.2. (B), 5.2.4 (A)(B)**

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with the proper equipment and apparatus to complete objective.
2. The candidate shall be provided with a structure suitable to simulate this evolution.
3. The candidate uses safety precautions.
4. The candidate will be given the instructions below before beginning this exercise.
5. Monitor/Evaluator must know what the operating nozzle pressure is.

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate shall position apparatus and deploy one (1) 1 ½” , (1) 1 ¾” , or (1) 2” hose line for fire attack and one (1) 2½” hoseline for exposure and establish and maintain both lines at the correct pump discharge pressure with 100% accuracy.”

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Placed apparatus in position.
3. Placed wheel chocks under wheels.
4. Placed apparatus into pump gear.
5. Deployed the correct hose lines.
6. Opened correct discharges for lines deployed.
7. Pressure relief valve/pressure governor was set (if applicable).
8. Correct pump discharge pressure was set for each line (+/- 10psi).
9. Monitored for any problems that may occur.

**Candidate must complete 9 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

Contact the Monitor at any time with any questions you may have.



# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Relay Pump Operations

**Skill Number: AOP-6**

**Objective: 5.2.1 (4)(A)(B) 5.2.2.(A) (B), 5.2.4 (B),**

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with the proper equipment and apparatus to complete objective.
2. The candidate shall be provided with a water source to simulate this evolution.
3. The candidate uses safety precautions.
4. The candidate will be given the instructions below before beginning this exercise.

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate shall lay a supply line to a given site and demonstrate engine operations utilizing the booster tank and transferring to the water supply and then supply the attack pumper without losing pressure with 100% accuracy.”

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Placed apparatus in proper position.
3. Placed wheel chocks under wheels.
4. Placed apparatus into pump gear.
5. Deployed supply line.
6. Opened the correct discharge(s) for lines deployed.
7. Built pressure from booster tank.
8. Changed over to water supply.
9. Refilled booster tank.
10. Monitored for any problems that may occur.

**Candidate must complete 10 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

Contact the Monitor at any time with any questions you may have.



# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Assemble Equipment For Foam Stream

Skill Number: AOP-7

Objective: 5.2.3 (A) (B)

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with 1½", 1¾", or 2" hose with nozzle.
2. The candidate shall be provided with a container of foam or simulated concentrate and an in line foam eductor.
3. The candidate shall be informed as to where the foam stream will be flowed.
4. The candidate uses safety precautions.
5. The candidate will be given the instructions below before beginning this exercise.

#### INSTRUCTIONS TO THE CANDIDATE

"The candidate given the fire hose and nozzle provided, foam concentrate, in-line eductor, and an apparatus, and shall demonstrate assembling the equipment and charging the line in preparation to produce a foam stream with 100% accuracy."

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Placed wheel chocks
3. Checked the eductor and the nozzle to ensure they are rated for the same GPM flow.
4. Foam eductor was set or checked for the same percentage rating as indicated on the foam container.
5. Selected and attached hose to the intake side and hose line with nozzle on the discharge side of the eductor.
6. Assured that the nozzle is not more than the allowed distances (no more than 150 feet) from the eductor.
7. Placed the pick up tube of the eductor in the foam concentrate and/or sets the Proportioner on foam tank.
8. Charged hose line ensuring there is a minimum 200psi at the eductor.
9. Removed all kinks from the hose line.

**Candidate must complete 9 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

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# GEORGIA FIREFIGHTER STANDARDS AND TRAINING



## Apparatus Operator/Pumper

### Draft from Static Water Source

**Skill Number: AOP-8**

**Objective: 5.2.2. (B), 5.2.4 (B)**

#### INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with the proper equipment and apparatus to complete this objective.
2. The candidate shall be provided with a static water source to simulate this evolution..
3. The candidate uses safety precautions.
4. The candidate will be given the instructions below before beginning this exercise.

#### INSTRUCTIONS TO THE CANDIDATE

“The candidate given an apparatus static water source, and equipment assembled for drafting will demonstrate the proper procedures for pulling and maintaining a draft with 100% accuracy.”

1. Wears appropriate PPE (firefighting boots, helmet, gloves).
2. Placed wheel chocks.
3. Completed walk around and inspection to ensure everything is connected with no apparent air leaks.
4. Operated engine and place in pump gear.
5. Operated primer device (no more than 30 seconds for a 1000gpm)  
(no more than 45 seconds on a 1500gpm or larger)
6. Successful draft, slowly open discharge.
7. Established and maintained successful draft.
8. Verbalized, maintaining gauges.
9. Monitored for problems that may occur.

**Candidate must complete 9 steps to pass objective.**

#### SAFETY IS PARAMOUNT!

Prevent or prohibit any unsafe acts.

Contact the Monitor at any time with any questions you may have.