

FIRE APPARATUS OPERATOR: MOBILE WATER SUPPLY

SKILL SHEET PACKAGE

Based on *NFPA 1002: Standard on Fire Apparatus Driver/
Operator Professional Qualifications*, 2017 Edition.



ALABAMA FIRE COLLEGE

AUGUST 2018



ALABAMA FIRE COLLEGE

Fire Apparatus Operator: Mobile Water Supply

Instructional JPR Verification Sheet

Full Name: _____ **Fire Department:** _____

This Instructional JPR Verification Sheet is to be used in conjunction with the Alabama Fire College Fire Apparatus Operator: Mobile Water Supply Skill Sheets. These skills meet all the requirements of NFPA 1002, *Standard on Fire Apparatus Driver/Operator Professional Qualifications*, 2017 edition. Each of these skills should be taught and assessed during the course. This form must be submitted by the Instructor for Certification.

Practical Examination for Certification: Skills testing will be conducted on the apparatus specific to the certification level using a minimum of 25% of the JPRs listed below. The skills will be randomly drawn by the Certification Staff and administered by an approved evaluator after all training hours have been completed. For successful completion of the practical examination, a minimum 70% competency (including critical points) is required for certification.

| Skill Sheet | Primary Task | JPR(s) Covered |
|---------------------------|---|-----------------------|
| Completed Prior to Course | 01 Preventive Maintenance – Operational Status of a Fire Department Vehicle | 4.2.1, 4.2.2, 10.1.1 |
| | 02 Driving Operations | 4.3.1, 4.3.6, 4.3.7 |
| | 03 Serpentine Exercise | 4.3.3 |
| | 04 Alley Dock Exercise | 4.3.2 |
| | 05 Diminishing Clearance Exercise | 4.3.5 |
| | 06 Confined Space Turn-Around Exercise | 4.3.4 |
| 07 | Position Apparatus at Water Shuttle Fill Site | 10.2.1 |
| 08 | Position Apparatus at Water Shuttle Dump Site | 10.2.2 |
| 09 | Establish a Water Shuttle Dump Site | 10.2.3 |
| Course Location: | | Course Date: |
| Instructor Printed Name: | | Instructor Signature: |
| Candidate Printed Name: | | Candidate Signature: |

FIRE APPARATUS OPERATOR – SKILLS DESCRIPTION

(TO BE USED IN CONJUNCTION WITH FAO SKILLS DIAGRAM)

(REVISED 09/15/16)

Serpentine

Summary: The serpentine exercise measures the driver's ability to steer the apparatus in close limits without stopping to change the direction of travel so that the apparatus is maneuvered through the obstructions without striking them. The serpentine course will be simulated using the measurements and diagram provided, along with proper placement of cones. The exercise should be conducted with the apparatus moving first backward, then forward. The course or path of travel for this exercise can be established by placing a minimum of three markers in a straight line. The spacing of the markers should be based on the wheel base of the apparatus used. Adequate space must be provided on each side of the markers for the apparatus to move freely.

Application: The driver should drive the apparatus along the left side of the markers in a straight line, and stop just beyond the last marker. The driver should then begin the exercise by backing the apparatus between the markers, passing to the left of marker number 1, to the right of marker number 2, and to the left of marker number 3. At this point, the driver should stop the vehicle, and then drive it forward between the markers by passing to the right of marker number 3, to the left of marker number 2, and to the right of marker number 1.

NOTE: For larger vehicles, such as an ARFF apparatus, this course might need to be modified.

Alley Dock

Summary: The alley dock exercise measures a driver's ability to drive past a simulated dock or stall and back the apparatus into the space provided, stopping smoothly. A dock or stall will be simulated using the measurements and diagram provided, along with proper placement of cones and/or barricades.

Application: 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. The apparatus should be parked within the restricted area without having to stop and pull forward and without striking boundary cones or the rear barricade.

NOTE: For larger vehicles, such as an ARFF apparatus, this course might need to be modified.

Diminishing Clearance

Summary: The diminishing clearance exercise measures a driver's ability to steer the apparatus in a straight line through areas of restricted horizontal and vertical clearances, to judge the distances from wheel to object, and to stop at a finish line, so that no obstructions are struck. The diminishing clearance will be simulated using the measurements and diagram provided, along with proper placement of cones and/or barricades. The speed at which a driver should operate the apparatus is optional, but it should be great enough to necessitate quick judgment. The exercise is to be performed both forward and in reverse with a spotter.

Application: The driver should maneuver the apparatus through the lane forward without touching the markers, stopping at a finish line beyond the last marker. No portion of the apparatus should protrude beyond the line. The driver should then back the apparatus out of the restricted area without touching the markers. Vertical clearance

judgment should be evaluated using a prop with a crossbar that is adjustable, based on the height of the apparatus.

NOTE: During the evaluation, the driver should drive forward and back through the prop with the crossbar at several different heights, including one that is lower than the top of the apparatus. The prop should not be struck. The intent of the vertical clearance judgment is for proper identification of the allowable height of a space relative to the apparatus.

Confined Space Turnaround

Summary: The confined space turnaround exercise measures a driver's ability to turn the apparatus around in a confined space without striking obstacles. The confined space will be simulated using the measurements and diagram provided, along with proper placement of cones.

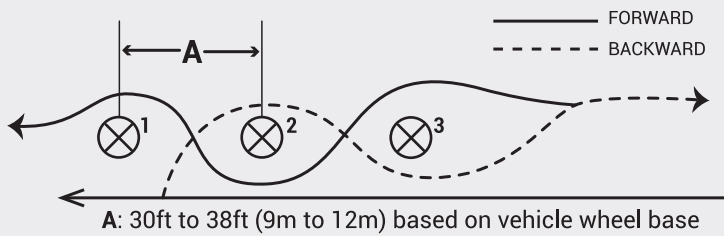
Application: The driver should move into the area from the opening in the center of one of the 50 foot legs, turn the apparatus 180 degrees, and return through the opening. There is no limitation on the number of times the driver has to maneuver the apparatus to accomplish this exercise (3-point turn, 5-point turn, etc.), but no portion of the apparatus should extend over the boundary lines of the space.

NOTE: For larger vehicles, such as an ARFF apparatus, this course might need to be modified.

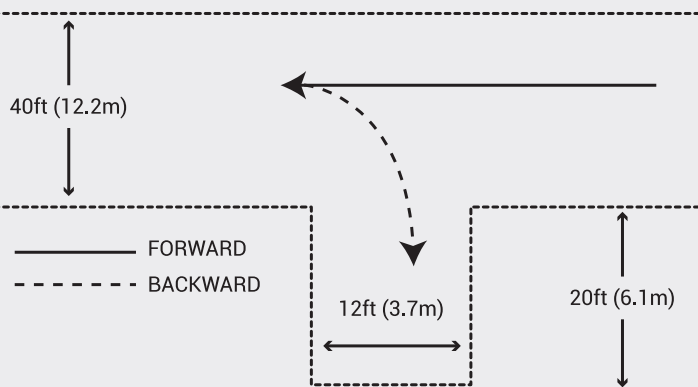
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FIRE APPARATUS OPERATOR SKILLS DIAGRAMS

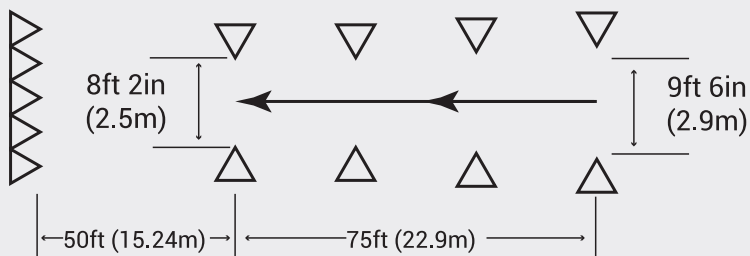
SERPENTINE EXERCISE (#3)



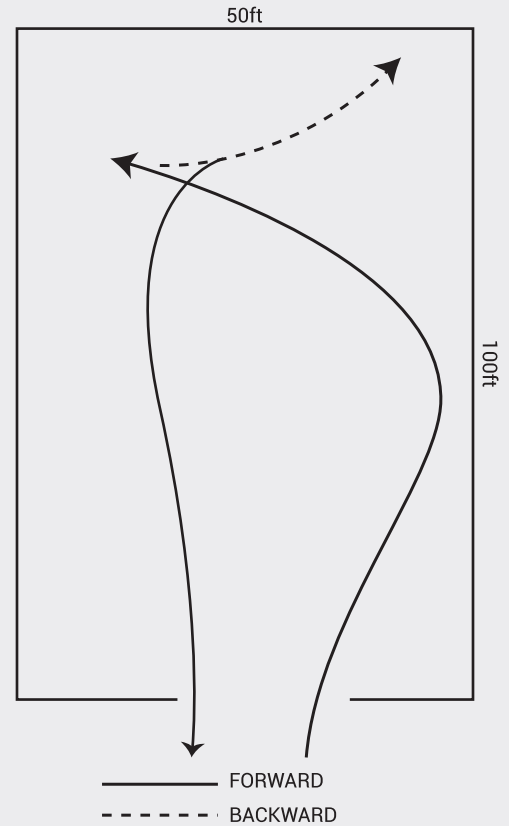
ALLEY DOCK EXERCISE (#4)



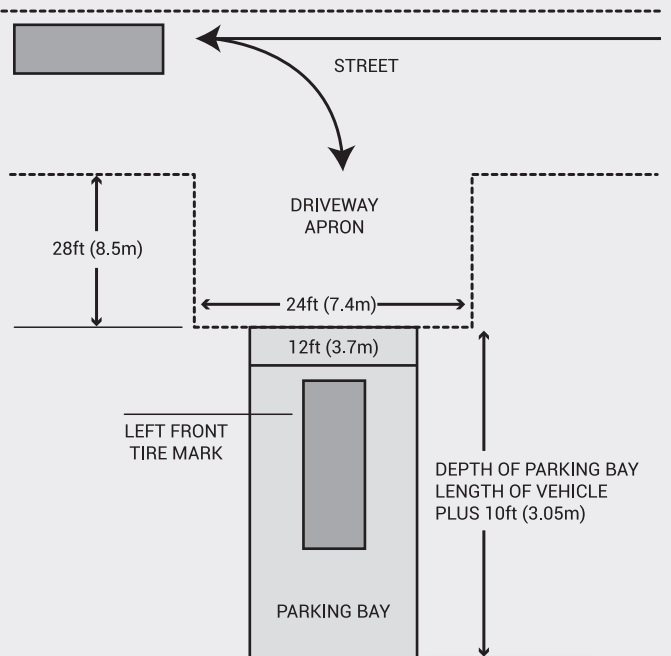
DIMINISHING CLEARANCE EXERCISE (#5)



CONFINED SPACE TURNAROUND (#6)



PARKING PROCEDURE





Preventive Maintenance/Documentation Maintenance & Inspection Form

AFC & PSC

Fire Apparatus Operator – MWS

FAO: MWS - 01-A

The candidate shall use safety equipment and hand tools to test, inspect or service the items on the checklist to recognize any system problems and correct any deficiency according to agency policies and procedures. Place a mark in the "Item Checked" column after each item is checked. Use the "Notes" column to note any deficiencies.

Date and sign the form in the indicated area
This form is to be used in conjunction with Skill Sheet FAO: MWS 01

| Apparatus | | Date | Mileage |
|--------------------------|---|--------------|---------|
| Item | | Item Checked | Notes |
| | Visually inspect the exterior of the apparatus for obvious problems or damages. | | |
| Tires | | | |
| | Tire pressure is within manufacturer's recommended specifications | | |
| | Proper tread depth | | |
| Batteries | | | |
| | Checked water level, if applicable | | |
| | Checked tightness of terminals with appropriate hand tool | | |
| | Inspected terminals for corrosion | | |
| | Evaluated general condition (damage, tie-downs) | | |
| Oil | | | |
| | Check for leaks | | |
| | Ensure engine oil level is within manufacturer's recommended specifications | | |
| | Ensure engine oil pressure with engine on is within manufacturer's recommended specifications | | |
| Fuel | | | |
| | Check fuel gauge level | | |
| Coolant system | | | |
| | Check for leaks in the cooling system | | |
| | Check condition of hoses and/or lines | | |
| | Ensure coolant level is within manufacturer's recommended specifications | | |
| Belts | | | |
| | Inspects all belts for proper tension, excessive wear, breaks or cracking | | |
| | Identifies that there are not missing belts | | |
| Electrical system | | | |
| | Ensure charging system is operational | | |
| | Confirm gauges are functioning | | |
| | Check ignition system by starting engine | | |



Preventive Maintenance/Documentation Maintenance & Inspection Form

AFC & PSC

Fire Apparatus Operator – MWS

FAO: MWS - 01-A

The candidate shall use safety equipment and hand tools to test, inspect or service the items on the checklist to recognize any system problems and correct any deficiency according to agency policies and procedures. Place a mark in the "Item Checked" column after each item is checked. Use the "Notes" column to note any deficiencies.

Date and sign the form in the indicated area

This form is to be used in conjunction with Skill Sheet FAO: MWS 01

| | | |
|---|--|--|
| Ensure all vehicle lights are operational | | |
| Ensure all visual & audible emergency warning devices are operational | | |
| Evaluate general condition of accessible wires and connections | | |
| Braking system | | |
| Check for leaks | | |
| Ensure manual or automatic purging of excess condensation | | |
| Ensure that the brakes will stop the vehicle, by driving and depressing brake pedal | | |
| Steering | | |
| Checks power steering fluid reservoir level | | |
| Checks steering device (mechanical components of steering assembly) | | |
| Steering wheel play is less than 10 degrees | | |
| Transmission | | |
| Ensure transmission fluid level is within manufacturer's recommended specifications | | |
| Hydraulic System | | |
| Checks all hydraulic system's fluid levels | | |
| Checks for leaks | | |
| Tools, appliances and equipment | | |
| Supply hose | | |
| Pre-connected hose | | |
| Ladders | | |
| Hand tools | | |
| Power tools | | |
| Built-in Safety Features | | |
| Ensure any safety features are functioning properly | | |

Notes:

| | | |
|--------------|--------------------------------------|-----------------------------|
| Date: | Candidate Print Name & ID | Candidate Signature: |
| | | |



Preventive Maintenance – Operational Status of a Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.2.1, 4.2.2, 10.1.1, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet- FAO: MWS - 01

The candidate, given a fire department **Mobile Water Supply Apparatus**, its manufacturer's specifications, maintenance and inspection forms, and policies and procedures of the jurisdiction, shall perform and document visual and operational checks on the systems and components specified in the performance steps, so that the operational status of the vehicle is verified and deficiencies are reported.

Use Maintenance and Inspection Form FAO: MWS 01-A

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|---|------|---|--------|---|
| | P | F | P | F |
| Safely performs the following steps: | | | | |
| 1. Identifies correct hand tools for use during inspection; uses appropriately | | | | |
| 2. Inspects tires, sufficient tread and inflated to manufacturer's specifications - CRITICAL POINT | | | | |
| 3. Inspects batteries as clean, corrosion free, and secured | | | | |
| 4. Inspects engine oil, fluid level within manufacturer's specifications - CRITICAL POINT | | | | |
| 5. Inspects fuel level, fuel above ¾ tank | | | | |
| 6. Inspects coolant fluid level; fluid level is within manufacturer's specifications - CRITICAL POINT | | | | |
| 7. Inspects belts for tightness and excessive wear (engine not running) - CRITICAL POINT | | | | |
| 8. Inspects electrical system, all running and emergency lights are operational, electronic audible devices are operational - CRITICAL POINT | | | | |
| 9. Inspects braking system for air/fluid leaks – CRITICAL POINT | | | | |
| 10. Inspects steering system linkage for wear, fluid level within manufacturer's specifications | | | | |
| 11. Inspects fluid level in transmission, fluid level within manufacturer's specifications - CRITICAL POINT | | | | |

Continued on Page 2

Evaluator Notes



Preventive Maintenance – Operational Status of a Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.2.1, 4.2.2, 10.1.1, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet- FAO: MWS - 01

The candidate, given a fire department **Mobile Water Supply Apparatus**, its manufacturer's specifications, maintenance and inspection forms, and policies and procedures of the jurisdiction, shall perform and document visual and operational checks on the systems and components specified in the performance steps, so that the operational status of the vehicle is verified and deficiencies are reported.

Use Maintenance and Inspection Form FAO: MWS 01-A

Expected time to complete skill(s) is 25 minutes

| Criteria/Performance Steps Continued: | | Test | | Retest | |
|--|--|--------------------------------------|---------------------------|--------------|---|
| Safely performs the following steps: | | P | F | P | F |
| 12. Inspects water tank and extinguishing agents to ensure proper levels and deployment readiness. - CRITICAL POINT | | | | | |
| 13. Inspects the operational readiness of the pumping system (if applicable) and ensures compliance with manufacturer's specifications | | | | | |
| 14. Inspects the operational readiness of the rapid dump system (if applicable) and ensures compliance with manufacturer's specifications. | | | | | |
| 15. Inspects the operational readiness of the foam system (if applicable) and ensures compliance with manufacturer's specifications. | | | | | |
| 16. Documents tests, inspections and servicing functions; reports deficiencies on the departmental maintenance and inspection forms | | | | | |
| 17. Recognizes any system problems and corrects any deficiencies found | | | | | |
| 18. Ensure all built-in safety features are functioning properly | | | | | |
| Candidate must successfully perform 13/18 including ALL CRITICAL POINTS | | Score: __/18 | | Score: __/18 | |
| Evaluator Notes | | | | | |
| Evaluator Print Name & Signature: | | Date | Overall Skill Sheet Score | | |
| | | | Pass___ | Fail___ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | | |
| Re-Test Evaluator Print Name & Signature: | | Overall Skill Sheet Re-Test Score | | | |
| | | Pass___ | | Fail___ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | | |
| Candidate Print Name & Signature: | | Candidate: Print Name or Candidate # | | | |
| Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety. | | | | | |
| Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern | | | | | |



Driving Operations - Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.3.1, 4.3.6, 4.3.7, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet - FAO: MWS - 02

The candidate, given a **Mobile Water Supply Apparatus** and a predetermined route on a public way or simulated route that incorporates the maneuvers and features as specified in the performance steps listed that the driver/operator is expected to encounter during normal and emergency operations, shall operate a fire department vehicle so that the vehicle is operated in compliance with all applicable state and local laws and departmental rules and regulations.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|--|---------------|---|---------------|---|
| | P | F | P | F |
| Safely performs the following steps: | | | | |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion – CRITICAL POINT | | | | |
| 4. Maneuvers four left turns properly | | | | |
| 5. Maneuvers four right turns properly | | | | |
| 6. Maneuvers urban business street or urban two lane road properly, 1 mile in length | | | | |
| 7. Maneuvers through three intersections, two that require a complete stop | | | | |
| 8. Maneuvers at least one curve properly (left or right) | | | | |
| 9. Maneuvers railroad crossings properly | | | | |
| 10. Maneuvers entrance and exit to limited access highway properly | | | | |
| 11. Maneuvers two lane changes on limited access highway properly | | | | |
| 12. Maneuvers downgrades steep enough to require downshift/braking properly | | | | |
| 13. Maneuvers upgrades steep enough to require gear changing to maintain speed | | | | |
| 14. Maneuvers through low clearance/bridge properly | | | | |
| 15. Maneuvers on an environmentally affected road surface | | | | |
| 16. Operates vehicle safely and in accordance with applicable laws by maintaining safe following distances, maintaining control of vehicle, and travelling at safe speeds given road/weather/traffic conditions - CRITICAL POINT | | | | |
| 17. Maintains awareness of vehicle gauges and instruments | | | | |
| 18. Deploys, energizes and monitors the system and equipment (equipment and systems include, but are not limited to, electric generation equipment, floodlighting systems, air compressors, air cascade systems, hydraulic rescue tool systems, power reels for air or hydraulic hose) | | | | |
| 19. Recognizes and corrects system problems | | | | |
| Candidate must successfully perform 14/19 including ALL CRITICAL POINTS | Score: ___/19 | | Score: ___/19 | |
| Continued on Page 2 | | | | |



Driving Operations - Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.3.1, 4.3.6, 4.3.7, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet - FAO: MWS - 02

The candidate, given a **Mobile Water Supply Apparatus** and a predetermined route on a public way or simulated route that incorporates the maneuvers and features as specified in the performance steps listed that the driver/operator is expected to encounter during normal and emergency operations, shall operate a fire department vehicle so that the vehicle is operated in compliance with all applicable state and local laws and departmental rules and regulations.

Expected time to complete skill(s) is 25 minutes

Evaluator Notes

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| | | | | |
|---|--|--------------------------------------|---------------------------|---------|
| Evaluator Print Name & Signature: | | Date | Overall Skill Sheet Score | |
| | | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | |
| Re-Test Evaluator Print Name & Signature: | | Overall Skill Sheet Re-Test Score | | |
| | | Pass___ Fail___ | | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | |
| Candidate Print Name & Signature: | | Candidate: Print Name or Candidate # | | |
| | | | | |
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Serpentine Exercise - Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.3.3, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet - FAO: MWS - 03

The candidate, given a **Mobile Water Supply Apparatus**, a spotter where the spotter assists the driver in performing the maneuver, and a roadway with obstructions shall maneuver a 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.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|---|--------------|---|--------------|---|
| Safely performs the following steps: | P | F | P | F |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion - CRITICAL POINT | | | | |
| 4. Drives the apparatus in a straight line along the left side of the course to begin | | | | |
| 5. Backs the apparatus between the markers – passing to the left of marker 1, right of marker 2, left of marker 3 | | | | |
| 6. Does not stop the vehicle while backing | | | | |
| 7. Utilizes mirrors and spotter for backing | | | | |
| 8. Does not strike marker while backing | | | | |
| 9. Drives the apparatus forward between the markers – passing to the right of marker 3, left of marker 2, right of marker 1 | | | | |
| 10. Does not stop the vehicle while driving forward | | | | |
| 11. Does not strike marker while driving forward | | | | |
| Candidate must successfully perform 8/11 including ALL CRITICAL POINTS | Score: __/11 | | Score: __/11 | |

Evaluator Notes

| | | | |
|---|---|----------------------------------|---------|
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | |
| | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | |
| Re-Test Evaluator Print Name & Signature: | Overall Skill Sheet Re-Test Score | | |
| | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | |
| Candidate Print Name & Signature: | Candidate: Print Name or Candidate # | | |

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Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern



Alley Dock Exercise - Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.3.2, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet - FAO: MWS - 04

The candidate, given a **Mobile Water Supply Apparatus**, a spotter where the spotter assists the driver in performing the maneuver and restricted spaces 12 ft. (3.7 m) in width, requiring 90-degree right-hand and left-hand turns from the roadway shall back a vehicle from the roadway into a restricted space on both the right and the left sides of the vehicle, so that the vehicle is parked within the restricted area without having to stop and pull forward and without striking obstructions.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|--|--------------|---|--------------|---|
| | P | F | P | F |
| Safely performs the following steps: | | | | |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion – CRITICAL POINT | | | | |
| Left Alley Dock | | | | |
| 4. Passes the barricades with the dock on the left | | | | |
| 5. Backs the apparatus using a left turn into the stall | | | | |
| 6. Stops apparatus without striking the dock | | | | |
| 7. Does not strike any course markers | | | | |
| 8. Utilizes mirrors for backing | | | | |
| 9. Utilizes spotter for backing – CRITICAL POINT | | | | |
| 10. Appropriately judges vehicle distance | | | | |
| Right Alley Dock | | | | |
| 11. Passes the barricades with the dock on the right | | | | |
| 12. Backs the apparatus using a right turn into the stall | | | | |
| 13. Stops apparatus without striking the dock | | | | |
| 14. Does not strike any course markers | | | | |
| 15. Utilizes mirrors for backing | | | | |
| 16. Utilizes spotter for backing – CRITICAL POINT | | | | |
| 17. Appropriately judges vehicle distance | | | | |
| Candidate must successfully perform 12/17 including ALL CRITICAL POINTS | Score: __/17 | | Score: __/17 | |

Evaluator Notes

| | | | |
|--|---|--|---------|
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | |
| | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | |
| Re-Test Evaluator Print Name & Signature: | | Overall Skill Sheet Re-Test Score | |
| | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | |
| Candidate Print Name & Signature: | Candidate: Print Name or Candidate # | | |

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern



Diminishing Clearance Exercise - Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.3.5, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet – FAO: MWS - 05

The candidate given a **Mobile Water Supply Apparatus**, and a course that requires the candidate to move through areas of restricted horizontal and vertical clearances shall maneuver a fire apparatus in areas with restricted horizontal and vertical clearances, so that the candidate judges the ability of the vehicle to pass through the openings and so that no obstructions are struck.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|---|------|--------------|--------------|---|
| | P | F | P | F |
| Safely performs the following steps: | | | | |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion – CRITICAL POINT | | | | |
| Horizontal Clearance | | | | |
| 4. Drives the apparatus through the diminishing lane in both forward and reverse | | | | |
| 5. Does not touch course marker | | | | |
| 6. Stops without any portion of the vehicle protruding beyond the finish line – CRITICAL POINT | | | | |
| 7. Utilizes mirrors while moving | | | | |
| 8. Appropriately judges vehicle distance | | | | |
| 9. Uses a spotter | | | | |
| Vertical Clearance | | | | |
| 10. Drives the apparatus through the vertical crossbar in both forward and reverse | | | | |
| 11. Does not strike the prop – CRITICAL POINT | | | | |
| 12. Utilizes mirrors while moving | | | | |
| 13. Appropriately judges vehicle distance | | | | |
| 14. Uses a spotter | | | | |
| Candidate must successfully perform 10/14 including ALL CRITICAL POINTS | | Score: __/14 | Score: __/14 | |

Evaluator Notes

| | | | |
|--|---|----------------------------------|-----------|
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | |
| | | Pass ____ | Fail ____ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IF SAC) | | | |
| Re-Test Evaluator Print Name & Signature: | Overall Skill Sheet Re-Test Score | | |
| | Pass ____ | Fail ____ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IF SAC) | | | |
| Candidate Print Name & Signature: | Candidate: Print Name or Candidate # | | |

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Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern



Confined Space Turn-Around Exercise - Mobile Water Supply Apparatus

Reference source: NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*, 4.3.4, 2017 Edition

AFC & PSC

Fire Apparatus Operator - MWS

Skill Sheet - FAO: MWS - 06

The candidate given a **Mobile Water Supply Apparatus**, a spotter for backing up and an area in which the vehicle cannot perform a U-turn without stopping and backing up, the candidate shall turn the vehicle 180 degrees within a confined space, so that the vehicle is turned 180 degrees without striking obstructions within the given space.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|---|---------------|---|---------------|---|
| Safely performs the following steps: | P | F | P | F |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion – CRITICAL POINT | | | | |
| 4. Maintains normal driving position | | | | |
| 5. Maneuvers the apparatus into the area through an opening | | | | |
| 6. Turns the vehicle 180 degrees | | | | |
| 7. Maneuvers the apparatus back through the opening | | | | |
| 8. No portion of the apparatus extends over the boundary lines of the space at any time | | | | |
| 9. Utilizes mirrors while backing | | | | |
| 10. Utilizes a spotter while backing – CRITICAL POINT | | | | |
| 11. Appropriately judges vehicle clearance | | | | |
| Candidate must successfully perform 8/11 including ALL CRITICAL POINTS | Score: ___/11 | | Score: ___/11 | |

Evaluator Notes

| | | | |
|--|---|----------------------------------|----------|
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | |
| | | Pass ___ | Fail ___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | |
| Re-Test Evaluator Print Name & Signature: | Overall Skill Sheet Re-Test Score | | |
| | Pass ___ | Fail ___ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | |
| Candidate Print Name & Signature: | Candidate: Print Name or Candidate # | | |

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Skills Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern



Position Apparatus at Water Shuttle Fill Site

Reference sources: NFPA 1002, *Standard on Fire Apparatus Driver/Operator Professional Qualifications*, 10.2.1, 2017 Edition.

AFC & PSC

Fire Apparatus Operator: MWS

Skill Sheet- FAO: MWS – 07

The candidate, given a fill site location, and one or more supply hose, shall maneuver and position the **Mobile Water Supply Apparatus** at the water shuttle fill site, so that the apparatus is correctly positioned, supply hose are attached to the intake connections without having to stretch additional hose, and no objects are struck at the fill site.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|--|--------------------------------------|-----------------------------------|----------------------------|---|
| Safely performs the following steps: | P | F | P | F |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion – CRITICAL POINT | | | | |
| 4. Determines correct position for apparatus | | | | |
| 5. Maneuvers apparatus into position – CRITICAL POINT | | | | |
| 6. Supply hose are attached to the intake connections without having to stretch additional hose – CRITICAL POINT | | | | |
| 7. No objects are struck at the fill site | | | | |
| Candidate must successfully perform 5/7 including ALL CRITICAL POINTS | Score: <u> </u> /7 | | Score: <u> </u> /7 | |
| Evaluator Notes | | | | |
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | | |
| | | Pass <u> </u> | Fail <u> </u> | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | |
| Re-Test Evaluator Print Name & Signature: | Date | Overall Skill Sheet Re-Test Score | | |
| | | Pass <u> </u> | Fail <u> </u> | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | |
| Candidate Print Name & Signature: | Candidate: Print Name or Candidate # | | | |
| Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety. | | | | |
| Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern. | | | | |



Position Apparatus at Water Shuttle Dump Site

Reference sources: NFPA 1002, *Standard on Fire Apparatus Driver/Operator Professional Qualifications*, 10.2.2, 2017 Edition.

AFC & PSC

Fire Apparatus Operator: MWS

Skill Sheet- FAO: MWS – 08

The candidate, given a dump site and a portable water tank, shall maneuver and position the **Mobile Water Supply Apparatus** at the water shuttle dump site, so that the apparatus is correctly positioned, all of the water being discharged from the apparatus enters the portable tank and no objects are struck at the dump site.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | Test | | Retest | |
|--|--------------|--------------------------------------|---------------------------|----------|
| Safely performs the following steps: | P | F | P | F |
| 1. Check and adjust driver's seat as needed | | | | |
| 2. Check and adjust vehicle mirrors as needed | | | | |
| 3. Fasten passenger restraint before putting vehicle in motion – CRITICAL POINT | | | | |
| 4. Determines correct position for apparatus | | | | |
| 5. Maneuvers apparatus into position – CRITICAL POINT | | | | |
| 6. Chocks wheels – CRITICAL POINT | | | | |
| 7. Operates the fire pump or rapid water dump system | | | | |
| 8. All of the water being discharged from the apparatus enters the portable tank | | | | |
| 9. No objects are struck at the fill site | | | | |
| Candidate must successfully perform 7/9 including ALL CRITICAL POINTS | Score: ___/9 | | Score: ___/9 | |
| Evaluator Notes | | | | |
| Evaluator Print Name & Signature: | | Date | Overall Skill Sheet Score | |
| | | | Pass ___ | Fail ___ |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | |
| Re-Test Evaluator Print Name & Signature: | | Overall Skill Sheet Re-Test Score | | |
| | | Pass ___ | Fail ___ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | |
| Candidate Print Name & Signature: | | Candidate: Print Name or Candidate # | | |
| Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety. | | | | |
| Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern. | | | | |



Establish a Water Shuttle Dump Site

Reference sources: NFPA 1002, *Standard on Fire Apparatus Driver/Operator Professional Qualifications*, 10.2.3, 2017 Edition.

AFC & PSC

Fire Apparatus Operator: MWS

Skill Sheet- FAO: MWS – 09

The candidate, given two or more portable tanks, low-level strainers, water transfer equipment, fire hose and a **Mobile Water Supply Apparatus** equipped with a pump, shall establish a water shuttle site 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 from one tank to the next.

Expected time to complete skill(s) is 25 minutes

| Performance Steps | | Test | | Retest | |
|---|--|-----------------------------------|--------------------------------------|-------------|---|
| Safely performs the following steps: | | P | F | P | F |
| 1. Deploys portable water tanks | | | | | |
| 2. Connects and operates water transfer equipment | | | | | |
| 3. Connects strainer and suction hose to the fire pump | | | | | |
| 4. The tank being drafted is not allowed to empty - CRITICAL POINT | | | | | |
| 5. The tank being dumped into is emptied first | | | | | |
| 6. Water is transferred efficiently from one tank to the next | | | | | |
| Candidate must successfully perform 5/6 including ALL CRITICAL POINTS | | Score: __/6 | | Score: __/6 | |
| Evaluator Notes | | | | | |
| Evaluator Print Name & Signature: | | Date | Overall Skill Sheet Score | | |
| | | | Pass___ | Fail___ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | | |
| Re-Test Evaluator Print Name & Signature: | | Overall Skill Sheet Re-Test Score | | | |
| | | Pass___ | | Fail___ | |
| By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC) | | | | | |
| Candidate Print Name & Signature: | | | Candidate: Print Name or Candidate # | | |
| <p>Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.</p> <p>Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.</p> | | | | | |