

**SKILLS MANUAL – CHAPTER SEVEN**

# **DRIVER/OPERATOR AERIAL**

## **INSTRUCTION SHEET**

### **DRIVER/OPERATOR PERFORMANCE SKILLS**

#### **Format**

Similar Driver/Operator skills are combined into one skill sheet when possible. These skill sheets should be used in a progressive type grading format. The skill sheet is divided into individual skill objectives. The Examiner should evaluate Driver/Operator candidates as they complete each skill of the evaluation. Any skills that could not be combined are provided as independent skill sheets.

For skill sheets that do not contain time constraints, the Course Instructor should specify time constraints as necessary.

#### **Scoring Method**

For all performance skills, the scoring method for each step of the skill objective is Satisfactory (S) or Unsatisfactory (U). If any step of a skill objective is scored “Unsatisfactory”, the Driver/Operator candidate fails that skill and must be retested. Any “Unsatisfactory” rating requires the examiner to explain the reason for the failure in writing in the comments section of the skill sheet.

#### **Note: For Driver/Operator**

Skills 1 and 2 each have two *individual skill sections*. In order to successfully pass an individual skill section, the Driver/Operator candidate must receive satisfactory scores in all of the steps of each individual skill objective. In order to receive an overall Pass on the skill sheet, the Driver/Operator candidate must receive a “Satisfactory” rating for all steps in both individual skill sections. If any step of an individual skill section is scored as “Unsatisfactory”, the Driver/Operator candidate fails that skill but only that individual skill objective must be retested. For example, if a candidate fails step b of part two of Skill 1, he or she must only be retested on Skill 1, part two.

#### **Preparation and Equipment**

Activity sheets are provided for some performance skills. Course Instructors are encouraged to use these activity sheets to meet the minimum requirements, or they may modify the activity sheets to meet or exceed the standard to fit the needs of their department or agency.

Many of the skill sheets require the use of department policies. It is suggested that Course Instructors use the actual policies and procedures of his or her department. If teaching this course at a non-departmental institution, acquire a fire department's policies and procedures, or modification thereof, to complete these skills. For optimal learning, scenario-based training and role-playing is recommended. If these skills are part of the Commission designated skills test, you may have to provide the candidate with scenarios to facilitate the testing.

## **Driver Operator- Aerial Skills Equipment List**

Appropriate safety equipment (gloves, eye and ear protection, etc.)

Fire department aerial apparatus

Tools and equipment for tests, inspections, and servicing functions

Policies and procedures of the jurisdiction

Area to perform driving skills

Spotter

Cones

Vertical clearance crossbar prop

Simulated emergency conditions

Master stream device

Water supply

Pumper (if required)

**Driver/Operator - Aerial  
List of All Skills**

<b>Objective</b>	<b>Skill #</b>	<b>Functional Name</b>	<b>NFPA 1002 #</b>
Preventive Maintenance	1	Routine Tests, Inspections, and Servicing Functions	4.2.1, 4.2.2
General	2	Routine Tests, Inspections, and Servicing Functions	4.2.2, 6.1.1
Driving/Operating	3	Non-Emergency Driving on Public Roadway	4.3.1
Driving/Operating	4	Backing from a Roadway Into Restricted Spaces	4.3.2
Driving/Operating	5	Maneuvering Around Roadway Obstructions	4.3.3
Driving/Operating	6	Turning Vehicle 180 Degrees Within a Confined Space	4.3.4
Driving/Operating	7	Driving Vehicle Through Area With Restricted Horizontal and Vertical Clearances	4.3.5
Driving/Operating	8	Driving Defensively	4.3.6
Driving/Operating	9	Operating Apparatus Fixed Systems and Equipment	4.3.7
Operations	10	Maneuver and Position	6.2.1, 6.2.2, 6.2.3
Operations	11	Emergency Operating System	6.2.4
Operations	12	Elevated Master Stream	6.2.5

**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #1**

Routine tests, Inspections, and Servicing Functions

**Subject: Preventive Maintenance**

**NFPA 1002, 2017 edition, 4.2.1, 4.2.2**

**Driver/Operator**

**OBJECTIVE**

Perform visual and operational checks on the systems and components specified in the following list, given a fire department vehicle, its manufacturer's specifications, and policies and procedures of the jurisdiction, so that the operational status of the vehicle is verified:

- (1) Battery(ies)
- (2) Braking system
- (3) Coolant system
- (4) Electrical system
- (5) Fuel
- (6) Hydraulic fluids
- (7) Oil
- (8) Tires
- (9) Steering system
- (10) Belts
- (11) Tools, appliances, and equipment
- (12) Built-in safety features

Document the visual and operational checks, given maintenance and inspection forms, so that all items are checked for operation and deficiencies are reported.

**INSTRUCTIONS – procedures for achieving the objective**

The Driver/Operator-Aerial candidate, given a fire department vehicle, maintenance, and inspection forms shall perform and document the routine tests, inspections, and servicing functions, so that all items are checked for operation and deficiencies are reported.

**EXAMINER'S NOTE**

The Driver/Operator- Aerial candidate will not be allowed to review the performance steps at the time of testing.

The Examiner should utilize the "Skill 1 Activity Sheet: Apparatus Test, Inspection and Service Form" to determine the specific items to be inspected for each criteria listed on the skill sheet.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**PREPARATION & EQUIPMENT**

Appropriate safety equipment (gloves, eye and ear protection, etc.)  
Fire department aerial apparatus  
Tools and equipment  
Policies and procedures

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
<b>Skill #1</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Perform visual and operational checks 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: (1) Battery(ies) (2) Braking system (3) Coolant system (4) Electrical system (5) Fuel (6) Hydraulic fluids (7) Oil (8) Tires (9) Steering system (10) Belts (11) Tools, appliances, and equipment (12) Built-in safety features (4.2.1)  Document the visual and operational checks, given maintenance and inspection forms, so that all items are checked for operation and deficiencies are reported. (4.2.2)				
<b>PART ONE</b>				
<b>The candidate tested, inspected or serviced:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Battery(ies)				
b) Braking system				
c) Coolant system				
d) Electrical system				
e) Fuel				
f) Hydraulic fluids				
g) Oil				
h) Tires				

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**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

i) Steering system				
j) Belts				
k) Tools, appliances, and equipment				
l) Built-in safety features				
m) Utilized hand tools and equipment as needed				
n) Recognized system problems				
o) Corrected any deficiency noted according to policies and procedures				
p) Performed skill in a safe and proficient manner				
<b>PART TWO</b>				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Correctly documented inspection				
b) Accurately reported any deficiency found				
c) Completed all related departmental forms				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
 Certifying Examiner

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Re-Test Certifying Examiner

\_\_\_\_\_  
 Date

Driver Skill Sheet	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Driver Skill Sheet Re-Test	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Performance Standards- Skill 1 Activity Sheet

**Apparatus Test, Inspection and Service Form**

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.

Item	Item Tested/Inspected	Notes
<b>Battery(ies)</b>		
Check water level, if applicable		
Check tightness of terminals with appropriate hand tool		
Inspect terminals for corrosion		
Evaluate general condition (damage, tie-downs)		
<b>Braking System: Air-Actuated Brakes</b>		
Check for leaks		
Ensure manual or automatic purging of excess condensation		
Confirm braking system meets NFPA requirements for air pressure recovery		
<b>Braking System: Hydraulic Brakes</b>		
Check for leaks		
Ensure hydraulic fluid level is within manufacturer's recommended specifications		
<b>Coolant System</b>		
Check for leaks		
Check condition of hoses and/or lines		
Ensure coolant level is within manufacturer's recommended specifications		
<b>Electrical System</b>		
Ensure charging system is operational		
Confirm gauges are functioning		
Check ignition system by starting engine (engine oil check must be performed prior to this step)		
Ensure all vehicle lights are operational		
Ensure all visual and audible emergency warning devices are operational		
Evaluate general condition of accessible wires and connections		

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**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

Item	Item Tested/Inspected	Notes
<b>Fuel</b>		
Report fuel gauge level		
Check for leaks		
<b>Hydraulic fluids</b>		
Check for leaks		
Ensure hydraulic fluid level was within manufacturer's recommended specifications		
<b>Oil</b>		
Check for leaks		
Ensure engine oil level is within manufacturer's recommended specifications		
Ensure engine oil pressure is within manufacturer's recommended specifications		
<b>Tires</b>		
Check condition of valve and stem		
Evaluate condition of tire tread		
Check depth of tire tread		
Check for damage		
Use an air gauge, to ensure that tire air pressure was within manufacturer's recommended specifications		
Check lug nuts for tightness, rust, and missing nuts		
<b>Steering System</b>		
Check for leaks		
Ensure steering fluid level was within manufacturer's recommended specifications		
Check for "excessive play" in steering wheel		
<b>Belts</b>		
Ensure proper adjustment		
Check for excessive wear and/or cracking		
<b>Tools, Appliances, and Equipment</b>		
Ensure required tools, appliances, and equipment were present as required by the authority having jurisdiction		
Ensure required tools, appliances, and equipment are in good working order		
<b><u>Built-in safety features</u></b>		
<b><u>Ensured built-in safety features are in good working order</u></b>		

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #2**

Routine Tests, Inspections, and Servicing Functions

**Subject: General**

**NFPA 1002, 2017 edition, 6.1.1, 4.2.2**

**Driver/Operator**

**OBJECTIVE:**

Perform the visual and operational checks on the systems and components specified in the following list in addition to those in 702-4.2.1, given a fire department aerial apparatus, and policies and procedures of the jurisdiction, so that the operational status of the aerial apparatus is verified:

- (1) Cable systems (if applicable)
- (2) Aerial device hydraulic systems
- (3) Slides and rollers
- (4) Stabilizing systems
- (5) Aerial device safety systems
- (6) Breathing Air systems
- (7) Communications systems

Document the visual and operational checks, given maintenance and inspection forms, so that all items are checked for operation and deficiencies are reported.

**INSTRUCTIONS – procedures for achieving the objective**

The Driver/Operator-Aerial candidate, given a fire department vehicle, maintenance, and inspection forms shall perform and document the routine tests, inspections, and servicing functions, so that all items are checked for operation and deficiencies are reported on the following:

- (1) Cable systems (if applicable)
- (2) Aerial device hydraulic systems
- (3) Slides and rollers
- (4) Stabilizing systems
- (5) Aerial device safety systems
- (6) Breathing Air systems
- (7) Communications systems

**EXAMINER'S NOTE**

The Driver/Operator- Aerial candidate will not be allowed to review the performance steps at the time of testing.

The Examiner should utilize the "Skill 2 Activity Sheet: Routine Test, Inspection and Service Form" to determine the specific items to be inspected for each criteria listed on the skill sheet.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**PREPARATION & EQUIPMENT**

Appropriate safety equipment (gloves, eye and ear protection, etc.)

Fire department aerial apparatus

Tools and equipment

Policies and procedures

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b>TEST</b>		<b>RETEST</b>	
<b>Skill #2</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Perform the visual and operational checks on the systems and components specified in the following list in addition to those in 701-4.2.1, given a fire department aerial apparatus, and policies and procedures of the jurisdiction, so that the operational status of the aerial apparatus is verified: <ul style="list-style-type: none"> <li>(1) Cable systems (if applicable)</li> <li>(2) Aerial device hydraulic systems</li> <li>(3) Slides and rollers</li> <li>(4) Stabilizing systems</li> <li>(5) Aerial device safety systems</li> <li>(6) Breathing Air systems</li> <li>(7) Communications systems (6.1.1)</li> </ul> Document the visual and operational checks, given maintenance and inspection forms, so that all items are checked for operation and deficiencies are reported. (4.2.2)				
<b>PART ONE</b>				
<b>The candidate tested/inspected:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Cable systems (if applicable)				
b) Aerial device hydraulic systems				
c) Slides and rollers				
d) Stabilizing systems				
e) Aerial device safety systems				
f) Breathing Air systems				
g) Communications systems				
<b>PART TWO</b>				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Correctly documented inspection				
b) Accurately reported any deficiency found				
c) Completed all related departmental forms				
d) Utilized hand tools and equipment as needed				

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**DRIVER/OPERATOR – AERIAL**  
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e) Recognized system problems				
f) Corrected any deficiency noted according to policies and procedures				
g) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

_____	_____	Driver Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Driver Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Skill 2 Activity Sheet

**Routine Test, Inspection and Service Form**

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.

Item	Item Tested/Inspected	Notes
Cable systems (if applicable)		
Aerial device hydraulic systems		
Slides and rollers		
Stabilizing systems		
Aerial device safety systems		
Breathing Air systems		
Communications systems		

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #3**  
Non-Emergency Driving on Public Roadway

**Subject: Driving/Operating**

**NFPA 1002, 2017 edition, 4.3.1**

**Driver/Operator**

**OBJECTIVE**

Operate a fire apparatus, given a vehicle and a predetermined route on a public way that incorporates the maneuvers and features that the driver/operator is expected to encounter during normal operations, so that the vehicle is operated in compliance with all applicable state and local laws and departmental rules and regulations.

- 1) Four left turns and four right turns
- 2) A straight section of urban business street or a two-lane rural road at least 1 mile (1.6 km) in length
- 3) One through-intersection and two intersections where a stop has to be made
- 4) One railroad crossing
- 5) One curve, either left or right
- 6) 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
- 7) A downgrade steep enough and long enough to require down-shifting and braking
- 8) An upgrade steep enough and long enough to require gear changing to maintain speed
- 9) One underpass or a low clearance or bridge

**INSTRUCTIONS - procedures for achieving the objective**

Given a fire department aerial, the Driver/Operator-Aerial candidate shall complete a predetermined route on a public way that incorporates the maneuvers and features that the driver/operator is expected to encounter during normal operations, while demonstrating safe and legal driving procedures on public thoroughfares.

**EXAMINER'S NOTE**

The driver/operator – aerial candidate will not be allowed to review the performance steps at the time of testing.

TCFP recognizes each of these driving elements may not exist in all areas. Where this occurs, those elements that do not exist in that area may be omitted. Components of this skill may be simulated as needed when performed on a closed driving course to effectively accomplish the intent of the skill. i.e. simulated railroad crossing, low clearance, intersections, etc. The examiner shall document on this form a justification for any elements that are not tested.

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus  
Area to perform driving skills

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>Skill #3</b> Operate a fire apparatus, given a vehicle and a predetermined route on a public way that incorporates the maneuvers and features that the driver/operator is expected to encounter during normal operations, so that the vehicle is operated in compliance with all applicable state and local laws and departmental rules and regulations.(4.3.1)  1) Four left turns and four right turns 2) A straight section of urban business street or a two-lane rural road at least 1.6 km (1 mile) in length 3) One through-intersection and two intersections where a stop has to be made 4) One railroad crossing 5) One curve, either left or right 6) 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 7) A downgrade steep enough and long enough to require down-shifting and braking 8) An upgrade steep enough and long enough to require gear changing to maintain speed 9) One underpass or a low clearance or bridge (4.3.1)				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Wore a seat belt and assured all passengers were secured				
b) Completed four left turns				
c) Completed four right turns				
d) Drove a straight section of urban business street or a 2-lane rural road for at least 1 mile (1.6km) in length				
e) Drove one through-intersection and two intersections where a stop had to be made				

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

f) Navigated one railroad crossing				
g) Navigated a left or right curve				
h) Drove a section of limited-access highway that included a conventional ramp entrance and exit and a section of road long enough to allow for two lane changes				
i) Drove a downgrade – steep and long enough to require downshifting and braking				
j) Drove an upgrade – steep and long enough to require gear changing to maintain speed				
k) Drove underpass, low clearance or bridge				
l) Maintained safe following distances				
m) Maintained control of the vehicle while accelerating				
n) Maintained control of the vehicle while decelerating				
o) Maintained control of the vehicle while turning				
p) Safely operated vehicle for given road, weather and traffic conditions				
q) Safely operated vehicle under adverse environmental or driving surface conditions				
r) Correctly used automotive gauges				
s) Correctly used automotive controls				
t) Followed all local and state laws				
u) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
 Certifying Examiner

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Re-Test Certifying Examiner

\_\_\_\_\_  
 Date

Driver Skill Sheet

Pass  Fail

Driver Skill Sheet Re-Test

Pass  Fail

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #4**

Backing from a Roadway into Restricted Spaces

**Subject: Driving/operating**

**NFPA 1002, 2017 edition, 4.3.2**

**Driver/Operator**

**OBJECTIVE**

Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle, given a fire department 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, so that the vehicle is parked within the restricted areas without having to stop and pull forward and without striking obstructions.

**INSTRUCTIONS - procedures for achieving the objective**

Given an aerial apparatus and a spotter, the Driver/Operator-Aerial candidate shall back an apparatus from a roadway into restricted spaces on both the right and left sides of the vehicle, into a restricted space 12 ft. (3.7 m.) 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.

**EXAMINER'S NOTE**

Skills 4 through 7 may be conducted individually or in one continuous exercise. Each Skill is to be graded independently, regardless of which way it is performed.

Simulate an alley dock by arranging cones 40 ft. (12.2 m.) from a boundary line. The cones should be 12 ft. (3.7 m.) apart, and the length should be the length of the vehicle. The driver should pass the cones with the dock on the left and then back the apparatus, using a 90-degree left turn, into the alley dock. The exercise should then be repeated with the dock on the right side, using a 90-degree right turn.

**Note: For large vehicles, such as ARFF apparatus, this course might need to be modified.**

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus  
Spotter  
Cones

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

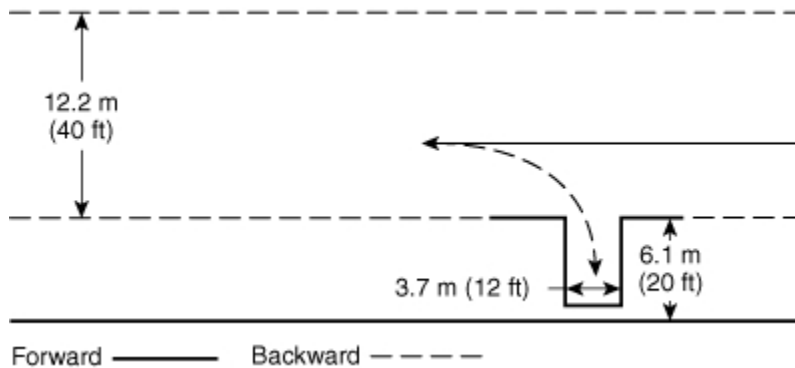
Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Dept: \_\_\_\_\_

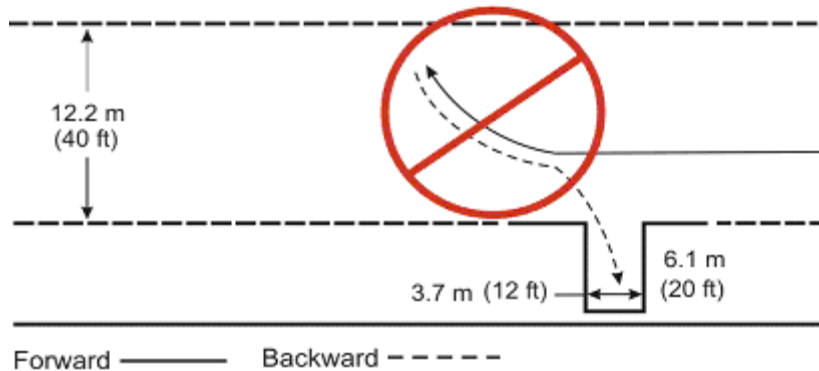
Training Provider: \_\_\_\_\_

Examiner: \_\_\_\_\_

**90-degree turn required:**



**This type of turn not allowed:**



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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

<b>Driver/Operator – Aerial</b>	<b>TEST</b>		<b>RETEST</b>	
<b>Skill #4</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle, given a fire department 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, so that the vehicle is parked within the restricted areas without having to stop and pull forward and without striking obstructions. (4.3.2)				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Wore a seat belt and assured all passengers were secured				
b) Backed the apparatus from a roadway into the restricted space using a 90-degree left-hand turn				
c) Backed the apparatus from a roadway into the restricted space using a 90-degree right-hand turn				
d) Correctly used mirrors				
e) Correctly judged vehicle clearance				
f) Parked within the restricted area without having to stop and pull forward				
g) Parked within the restricted area without striking an obstruction				
h) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

Certifying Examiner	Date	Driver Skill Sheet
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Re-Test Certifying Examiner	Date	Driver Skill Sheet Re-Test
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #5**  
Maneuvering Around Roadway Obstructions

**Subject: Driving/operating**

**NFPA 1002, 2017 edition, 4.3.3**

**Driver/Operator**

**OBJECTIVE**

Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department apparatus, a spotter where the spotter assist the driver in performing the maneuver; 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. (4.3.3)

**INSTRUCTIONS - procedures for achieving the objective**

Given an aerial apparatus and a spotter for backing, the Driver/Operator-Aerial candidate 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.

**EXAMINER'S NOTE**

Skills 4 through 7 may be conducted individually or in one continuous exercise. Each Skill is to be graded independently, regardless of which way it is performed.

This exercise measures a driver's ability to steer the apparatus in close limits without stopping. 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, each spaced between 30 ft. (9 m.) and 38 ft. (12 m.) apart, in a line. The spacing of the markers should be based on the wheel base of the vehicle used. Adequate space must be provided on each side of the markers for the apparatus to move freely. 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 by passing to the left of marker No. 1, to the right of marker No. 2, and to the left of marker No. 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 No. 3, to the left of marker No. 2, and to the right of marker No. 1.

**Note: For large vehicles, such as ARFF apparatus, this course might need to be modified.**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus

Spotter

Cones

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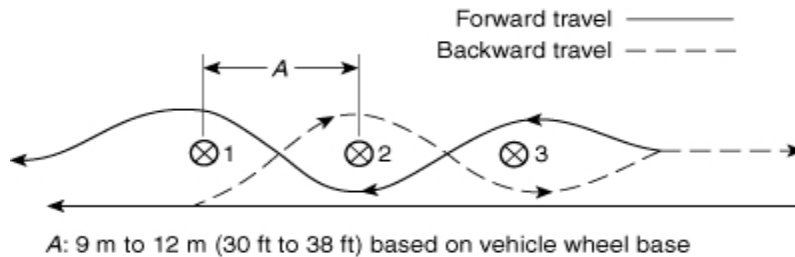


**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_



<b>Driver/Operator - Aerial</b>	<u><b>TEST</b></u>		<u><b>RETEST</b></u>	
	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>Skill #5</b>				
Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department apparatus, a spotter where the spotter assist the driver in performing the maneuver; 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. (4.3.3)				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Wore a seat belt and assured all passengers were secured				
b) Maneuvered the vehicle around obstructions while moving backward				
c) Maneuvered the vehicle around obstructions while moving forward				
d) Did not stop to change the direction of travel				
e) Did not strike an obstruction				
f) Correctly used mirrors				
g) Accurately judged vehicle clearance				
h) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

_____	_____	Driver Skill Sheet
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Driver Skill Sheet Re-Test
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #6**

Turning Vehicle 180 Degrees within a Confined Space

**Subject: Driving/operating**

**NFPA 1002, 2017 edition, 4.3.4**

**Driver/Operator**

**OBJECTIVE**

Turn a fire apparatus 180 degrees within a confined space, given a fire department apparatus, a spotter for backing up, 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.(4.3.4)

**INSTRUCTIONS - procedures for achieving the objective**

Given an aerial apparatus, a spotter for backing up, the Driver/Operator-Aerial candidate shall turn an aerial apparatus 180 degrees within a confined space, so that the vehicle is turned 180 degrees without striking obstructions within the given space.

**EXAMINER'S NOTE**

Skills 4 through 7 may be conducted in one continuous exercise or individually. Each Skill is to be graded independently, regardless of which way it is performed.

This exercise measures the driver's ability to turn the vehicle around in a confined space without striking obstacles. The turn is accomplished within an area 50 ft. x 100 ft. (15.24 m. x 30.5 m.). The driver moves into the area from a 12 ft. (3.7 m.) opening in the center of one of the 50 ft. (15.24 m.) legs, turns the vehicle 180 degrees, and returns through the opening. There is no limitation on the number of times the driver has to maneuver the vehicle to accomplish this exercise, but no portion of the vehicle should extend over the boundary lines of the space.

**Note: For large vehicles, such as ARFF apparatus, this course might need to be modified.**

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus  
Spotter  
Cones

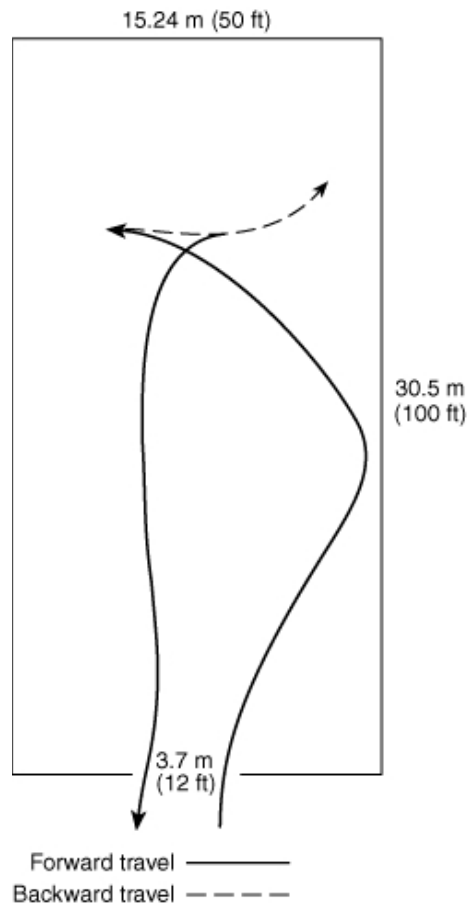
**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

Examiner: \_\_\_\_\_



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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Driver/Operator Aerial	<u>TEST</u>		<u>RETEST</u>	
	S	U	S	U
<b>Skill #6</b>				
Turn a fire apparatus 180 degrees within a confined space, given a fire apparatus, a spotter for backing up, 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. <span style="float: right;">(4.3.4)</span>				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Wore a seat belt and assured all passengers were secured				
a) Turned vehicle 180 degrees within the confined space				
b) Did not strike an obstruction				
c) Correctly used mirrors				
d) Correctly judged vehicle clearance				
e) Entered and exited the confined space without striking obstacles				
f) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

		Driver Skill Sheet Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Certifying Examiner	Date	
		Driver Skill Sheet Re-Test Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Re-Test Certifying Examiner	Date	

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #7**

Driving Vehicle through Area With  
Restricted Horizontal and Vertical Clearances

**Subject: Driving/operating**

**NFPA 1002, 2017 edition, 4.3.5**

**Driver/Operator**

**OBJECTIVE**

Maneuver a fire apparatus in areas with restricted horizontal and vertical clearances, given a fire apparatus 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 of the vehicle to pass through the openings and so that no obstructions are struck. (4.3.5)

**INSTRUCTIONS - procedures for achieving the objective**

Given an aerial apparatus and a specified course with horizontal and vertical clearances, the Driver/Operator-Aerial candidate shall maneuver an aerial apparatus so that the Driver/Operator- Aerial candidate accurately judges the ability of the vehicle to pass through the openings and so that no obstructions are struck.

**EXAMINER'S NOTE**

Performance Skills 4 through 7 may be conducted individually or in one continuous exercise. Each Performance Skill is to be graded independently, regardless of which way it is performed.

This exercise measures a driver's ability to steer the apparatus in a straight line, to judge distances from wheel to object, and to stop at a finish line. The speed at which a driver should operate the apparatus is optional, but it should be great enough to necessitate quick judgment. The course for this exercise is created by arranging two rows of markers to form a lane 75 ft. (22.9 m.) long. The lane varies in width from 9 ft. 6 in. (2.9 m.) to a diminishing clearance of 8 ft. 2 in. (2.5 m.). The driver should maneuver the apparatus through this lane without touching the markers. The vehicle should be stopped at a finish line 50 ft. (15.24 m.) beyond the last marker. No portion of the vehicle should protrude beyond this line.

Vertical clearance judgment should be evaluated using a prop with a crossbar that is adjustable, based on the vehicle height. During the evaluation, the driver should drive forward and back through the prop with the crossbar at several differing heights, including one that is lower than the top of the vehicle. The prop should not be struck. The intent of the vertical clearance judgment is for proper identification of the furthestmost point in the form of the apparatus. In situations where the apparatus is gaining entry to roadways or limited-height areas, the driver/operator must allow

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

appropriate space ahead of the apparatus in order to avoid striking objects or to avoid extending apparatus into traffic lanes.

**Note: For large vehicles, such as ARFF apparatus, this course might need to be modified.**

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus

Cones

Vertical clearance crossbar prop

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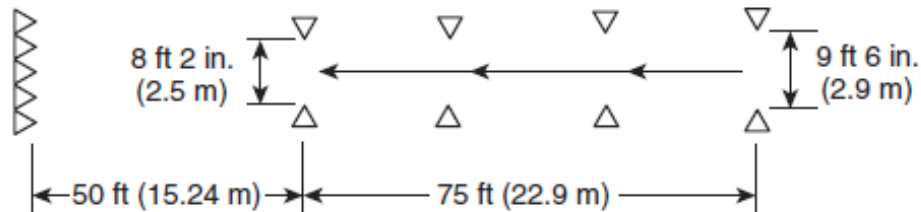
**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

Examiner: \_\_\_\_\_



Driver/Operator – Aerial	<u>TEST</u>		<u>RETEST</u>	
<b>Skill Number 7</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Maneuver a fire apparatus in areas with restricted horizontal and vertical clearances, given a fire apparatus 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 of the vehicle to pass through the openings and so that no obstructions are struck. (4.3.5)				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Wore a seat belt and assured all passengers were secured				
b) Drove vehicle through required course				
c) Did not strike an obstruction				
d) Correctly used mirrors				
e) Correctly judged vehicle clearance				
f) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

Driver Skill Sheet

Pass  Fail

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Driver Skill Sheet Re-Test

Pass  Fail

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #8**  
Driving Defensively

**Subject: Driving/operating**

**NFPA 1002, 2017 edition, 4.3.6**

**Driver/Operator**

**OBJECTIVE**

Operate a vehicle using defensive driving techniques, given an assignment and a fire apparatus, so that control of the vehicle is maintained. (4.3.6)

**INSTRUCTIONS - procedures for achieving the objective**

The Driver/Operator-Aerial candidate shall operate a fire department aerial apparatus using defensive driving techniques given an assignment.

**EXAMINER'S NOTE**

The Driver/Operator-Aerial candidate will not be allowed to review the performance steps at the time of testing.

Simulated emergency driving conditions should be restricted to a controlled area. Public ways should not be used for these activities. (A.4.3.6)

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus  
Simulated emergency conditions

**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b>TEST</b>		<b>RETEST</b>	
	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>Skill #8</b>				
Operate a vehicle using defensive driving techniques, given an assignment and a fire apparatus, so that control of the vehicle is maintained. (4.3.6)				
<b>The candidate</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Wore a seat belt and assured all passengers were secured				
b) Maintained safe following distances				
c) Maintained control of the vehicle while accelerating				
d) Maintained control of the vehicle while decelerating				
e) Maintained control of the vehicle while turning				
f) Safely operated vehicle for given road, weather and traffic conditions				
g) Safely operated vehicle under adverse environmental or driving surface conditions				
h) Correctly used automotive gauges				
i) Correctly used automotive controls				
j) Followed all local and state laws				
k) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

_____	_____	Driver Skill Sheet
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Driver Skill Sheet Re-Test
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR - AERIAL**  
Performance Standards Evaluation

**Skill #9**

Operating Apparatus Fixed Systems and Equipment

**Subject: Driving/operating**

**NFPA 1002, 2017 edition, 4.3.7**

**Driver/Operator**

**OBJECTIVE**

Operate all fixed systems and equipment on the vehicle not specifically addressed elsewhere in this standard, given systems and equipment, manufacturer's specifications and instructions, and departmental policies and procedures for the systems and equipment, so that each system or piece of equipment is operated in accordance with the applicable instructions and policies.

**INSTRUCTIONS - procedures for achieving the objective**

Given a fire department pumper, the Driver/Operator-Aerial candidate shall demonstrate the ability to operate all major equipment on the apparatus by deploying, energizing and monitoring the equipment. The Driver/Operator-Aerial candidate must also demonstrate the ability to recognize and correct system problems.

**EXAMINER NOTE**

The driver/operator – aerial candidate will not be allowed to review the performance steps at the time of testing.

This skill will require many skill sheets for items such as electric generation equipment, floodlighting systems, air compressors, air cascade systems, hydraulic rescue tool systems, power reels for air or hydraulic hose, cranes and stabilizers, and A-frames or other lifting equipment.

**Not all apparatus are equipped the same, therefore the examiner shall make available the appropriate number of skill sheets to ensure that all fixed systems and equipment provided on the apparatus are tested.**

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus  
Systems  
Equipment

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR - AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Training Provider: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator - Aerial</b>	<b>TEST</b>		<b>RETEST</b>	
	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>Skill #9</b>				
Operate all fixed systems and equipment on the vehicle not specifically addressed elsewhere in this standard, given systems and equipment, manufacturer's specifications and instructions, and departmental policies and procedures for the systems and equipment, so that each system or piece of equipment is operated in accordance with the applicable instructions and policies.  <p style="text-align: right;">(4.3.7)</p>				
<b>System Evaluated:</b> _____	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>The candidate:</b>				
a) Deployed the system or equipment				
b) Energized the system or equipment, if applicable				
c) Monitored the system or equipment				
d) Recognized system problems, if applicable				
e) Corrected system problems, if applicable				
f) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR - AERIAL**  
Performance Standards Evaluation

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass  Fail

Overall Skill Sheet Re-Test Score

Pass  Fail

**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #10**  
Maneuver and Position

**Subject: Operations**

**NFPA 1002, 2017 edition, 6.2.1, 6.2.2, 6.2.3**

**Driver/Operator**

**OBJECTIVE**

Maneuver and position an aerial apparatus, given an aerial apparatus, an incident location, a situation description, and an assignment, so that the apparatus is positioned for correct aerial device deployment.

Stabilize an aerial apparatus, given a positioned vehicle and the manufacturer's recommendations, so that power can be transferred to the aerial device hydraulic system and the device can be deployed.

Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is positioned to accomplish the assignment.

**INSTRUCTIONS - procedures for achieving the objective**

Given a scenario, a fire department aerial apparatus with the necessary equipment for the given scenario, the Driver/Operator-Aerial candidate shall properly position the apparatus, properly stabilize the apparatus, raise the aerial device to a specified location and then return the apparatus to a state of readiness.

**EXAMINER'S NOTE**

The Driver/Operator – Aerial candidate will not be allowed to review the performance steps at the time of testing. The Examiner shall provide a scenario that requires the examinee to properly position, properly stabilize the apparatus, raise the aerial device to a specified location and then return the apparatus to a state of readiness.

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus



**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Dept: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
<b>Skill #10</b>				
Maneuver and position an aerial apparatus, given an aerial apparatus, an incident location, a situation description, and an assignment, so that the apparatus is positioned for correct aerial device deployment. (6.2.1)				
Stabilize an aerial apparatus, given a positioned vehicle and the manufacturer's recommendations, so that power can be transferred to the aerial device hydraulic system and the device can be deployed. (6.2.2)				
Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is positioned to accomplish the assignment. (6.2.3)				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Determined a correct position for the apparatus				
b) Maneuvered apparatus into position				
c) Identified and avoided obstacles to operations				
d) Transferred power from the vehicle's engine to the hydraulic system				
e) Deployed stabilization devices				
f) Raised the aerial device				
g) Rotated the aerial device				
h) Extended the aerial device				
i) Positioned to the specified location				
j) Locked the aerial device				
k) Unlocked the aerial device				
l) Retracted the aerial device				

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

m) Lowered the aerial device				
n) Bedded the aerial device				
o) Stowed stabilization devices				
p) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

_____	_____	Driver Skill Sheet
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Driver Skill Sheet Re-Test
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #11**  
Emergency Operating System

**Subject: Operations**

**NFPA 1002, 2017 edition, 6.2.4**

**Driver/Operator**

**OBJECTIVE**

Lower an aerial device using the emergency operating system, given an aerial device, so that the aerial device is lowered to its bedded position.

**INSTRUCTIONS - procedures for achieving the objective**

Given a scenario, a fire department aerial apparatus with the aerial device deployed for the given scenario, the Driver/Operator-Aerial candidate shall properly lower the aerial device into its bedded position and stow the stabilization devices using the emergency operating system.

**EXAMINER'S NOTE**

The Driver/Operator – Aerial candidate will not be allowed to review the performance steps at the time of testing. The examiner shall provide a scenario that requires the examinee to properly lower the aerial device into its bedded position, and stow the stabilization devices, using the emergency operating system.

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus

Scenario requiring aerial device to be lowered, bedded and stowed

**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Dept: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
<b>Skill #11</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Lower an aerial device using the emergency operating system, given an aerial device, so that the aerial device is lowered to its bedded position. (6.2.4)				
<b>Using the emergency operating system, the candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Rotated and positioned the aerial device to center				
b) Unlocked the aerial device				
c) Retracted the aerial device				
d) Lowered the aerial device				
e) Bedded the aerial device				
f) Stowed stabilization devices				
g) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Driver Skill Sheet
Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Driver Skill Sheet Re-Test
Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**Skill #12**  
Elevated Master Stream

**Subject: Operations**

**NFPA 1002, 2017 edition, 6.2.5**

**Driver/Operator**

**OBJECTIVE**

Deploy and operate an elevated master stream, given an aerial device, a master stream device, and a desired flow so, that the stream is effective.

**INSTRUCTIONS - procedures for achieving the objective**

Given a scenario, a fire department aerial apparatus for the given scenario, the Driver/Operator-Aerial candidate shall properly deploy and operate an elevated master stream, given an aerial device, a master stream device, and a desired flow so that the stream is effective and the aerial and master stream devices are operated correctly.

**EXAMINER'S NOTE**

The Driver/Operator – Aerial candidate will not be allowed to review the performance steps at the time of testing. The water supply shall be provided by an internal pump or an external pump.

**PREPARATION & EQUIPMENT**

Fire department aerial apparatus  
Master stream device  
Water supply  
Pumper (if required)

**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
 Performance Standards Evaluation

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Dept: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

<b>Driver/Operator – Aerial</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
<b>Skill #12</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Deploy and operate an elevated master stream, given an aerial device, a master stream device, and a desired flow, so that the stream is effective. (6.2.5)				
<b>The candidate:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Connected a water supply to a master stream device				
b) Elevated the aerial device				
c) Deployed elevated master stream device				
d) Created an effective stream				
e) Controlled the elevated nozzle manually or remotely				
f) Performed skill in a safe and proficient manner				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Examiner/Candidate Comments:**

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**TEXAS COMMISSION ON FIRE PROTECTION**  
**DRIVER/OPERATOR – AERIAL**  
Performance Standards Evaluation

**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

_____	_____	Driver Skill Sheet
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Driver Skill Sheet Re-Test
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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