



Aerial Operator

Skills Evaluation Sheets NFPA 1002 2017 Edition

STATE OF CONNECTICUT
COMMISSION ON FIRE PREVENTION AND CONTROL
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State of Connecticut
COMMISSION ON FIRE PREVENTION AND CONTROL
Driver/Operator - Aerial



SS #	SS Title	NFPA 1002 Objectives Addressed 2017 Edition
A.O.1	Preventive Maintenance Specific	6.1.1, 6.1.1(B)
A.O.2	Operations and Positioning	6.2.1, 6.2.1(B)
A.O.3	Stabilization	6.2.2, 6.2.2(B)
A.O.4	Maneuver and Position from Control Station	6.2.3, 6.2.3(B)
A.O.5	Lower Aerial Device using Emergency Operating Sys.	6.2.4, 6.2.4(B)
A.O.6	Deploy and Operate Elevated Master Stream	6.2.5, 6.2.5(B)

**Prevent or prohibit any unsafe acts.
Contact the Chief Examiner at any time with any questions.
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Driver/Operator - Aerial

Skill Sheet #: A.O. 1 Primary Task: Preventive Maintenance (Specific)

Objective(s) : 6.1.1(A)(B) NFPA Standard: 1002 Candidate #

Performance Evaluation Sheet

Tasks:

	1st	2nd
1. Performs competencies associated to Preventive Maintenance		
2. * Verifies operational status of cable systems (if applicable) given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
3. * Verifies operational status of aerial device hydraulic systems given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
4. * Verifies operational status of sliders and rollers given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
5. * Verifies operational status of stabilizing systems given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
6. * Verifies operational status of aerial device safety systems given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
7. * Verifies operational status of breathing air systems given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
8. * Verifies operational status of communication systems given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction		
9. Demonstrates use of diagnostic hand tools (mechanic's tools) to recognize system problems and correct deficiencies noted according to policies and procedures		

* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass 7
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Skill No. **A.O. 2** Primary Task: **Operations and Positioning**

Objective(s) : 6.2.1, 6.2.1(A)(B) NFPA Standard: 1002 Candidate #

Performance evaluation sheet

Task:

	1 st	2 nd
1. Maintains control of apparatus	<input type="checkbox"/>	<input type="checkbox"/>
* 2. Identifies objective	<input type="checkbox"/>	<input type="checkbox"/>
3. Works and communicates with team member	<input type="checkbox"/>	<input type="checkbox"/>
* 4. Positions apparatus properly	<input type="checkbox"/>	<input type="checkbox"/>
* 5. Engages parking brake	<input type="checkbox"/>	<input type="checkbox"/>
6. Checks apparatus placement	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

* Critical Step	Failure of this step mandates failure on the entire objective	Safety is PARAMOUNT	Total number steps candidate must complete to pass 4
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Driver/Operator - Aerial

Skill Sheet #: A.O. 3

Primary Task: Stabilize Aerial Apparatus

Objective(s) : 6.2.2 (A)(B)

NFPA Standard: 1002

Candidate #

Performance Evaluation Sheet

Tasks:

	1st	2nd
1. Transfers power source from road to aerial		
2. Places wheel chocks correctly		
3. Maintains hydraulic power to outrigger circuit		
4. Deploys outriggers/stabilizers properly		
5. Utilizes leveling indicators		
6. * Stabilizes apparatus based on manufacturer's specifications		
7. * Stabilizes apparatus based on topography		
8. * Stabilizes apparatus based on ground conditions		
9. Activates or manually locks stabilization devices (if applicable)		

* Critical Task

Failure of this task mandates failure on the entire objective

Safety is **PARAMOUNT**

Total number tasks candidate must complete to pass

7

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Driver/Operator - Aerial

Skill Sheet #: A.O. 4 Primary Task: Maneuver and Position from Control Station

Objective(s) : 6.2.3 (A)(B) NFPA Standard: 1002 Candidate #

Performance Evaluation Sheet

Tasks:

		1st	2nd
1.	Identifies objective based on assignment		
2.	Raises aerial device from bedded position		
3.	* Rotates aerial towards objective target		
4.	* Extends aerial towards objective target		
5.	* Positions aerial device at objective target based on assignment		
6.	Maintains smooth operation of aerial during evolution		
7.	* Engages safety mechanisms (where applicable)		
8.	Monitors apparatus stability continually		
9.	Monitors communication with aerial personnel continually		
10.	Returns aerial device to bed properly		

* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass	8
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Driver/Operator - Aerial

Skill Sheet #: A.O. 5

Primary Task: Lower Aerial Device Using Emergency Operating System

Objective(s) : 6.2.4 (A)(B)

NFPA Standard: 1002

Candidate #

Performance Evaluation Sheet

Tasks:

	1st	2nd
1. Disengages P.T.O.		
2. * Engages and uses emergency operating system properly		
3. Maintains safety mechanisms (as necessary)		
4. * Retracts aerial device fully		
5. * Rotates aerial device in line with chassis		
6. * Lowers aerial device to bedded position		
7. Monitors apparatus stability continually		
8. Disengages emergency operating system		

* Critical Task

Failure of this task mandates failure on the entire objective

Safety is **PARAMOUNT**

Total number tasks candidate must complete to pass

6

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Driver/Operator - Aerial

Skill Sheet #: A.O. 6 **Primary Task: Deploy and Operate Elevated Master Stream**

Objective(s) : 6.2.5 (A)(B) NFPA Standard: 1002 Candidate #

Performance Evaluation Sheet

Tasks:

	1st	2nd
1. * Deploys monitor to objective		
2. Engages safety mechanisms (as applicable)		
3. Attaches water supply to aerial intake		
4. Maintains communication with water supply group or officer		
5. * Deploys monitor or ladder pipe and equipment appropriately		
5. * Operates water flow control valve slowly		
6. * Flows water from monitor or ladder pipe correctly and at proper pressure		
7. * Operates monitor from remotely (manually) or by remote station		
8. Monitors apparatus stability continually		

* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass	6
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