

10512W 01 S01 0001

**CDC 10512W**

# **Wildland Fire Fighter II**

**Supplementary Material: Performance Test**



**Air Force Institute for Advanced Distributed Learning  
Air University**

**Air Education and Training Command**

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## **Acknowledgement**

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## **Performance Test Instructions**

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This performance test provides detailed performance checklist items for candidate testing. Performance tests should not be conducted until the candidate has successfully completed the academic portion of the web-based CDC. However, it is strongly encouraged that this supplement and the checklist it contains be used during the normal course of study. Candidates may practice the performance tests anytime throughout the course of study. Practice is highly encouraged.

This particular course uses two workstations. Within each workstation there are several tasks and objectives (NFPA line items). A “Performance Test Summary Sheet” precedes each workstation or group of evaluated tasks. This sheet lists the NFPA line items evaluated and the specific tasks that must be accomplished. Each performance test lists the setting and tools/equipment required to do the listed tasks.

It is important to understand the grading process used during the evaluation. For a full overview of the CDC process and performance testing please view the *Department of Defense Fire Fighter Certification Program Video* P/N # 612288D. Additional information on the grading criteria is contained on the next page of this supplement.

## **Grading Criteria**

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The following criteria will be used to evaluate and determine the pass/fail status of a candidate.

Each task has an attainment standard. The attainment standards for each performance test item include an “x of x” factor as well as a time element. You will find the “x of x” factor will always equate to a **minimum** of 80%. You will also find the time allotted for completion of each task is intentionally structured to allow you ample time for success. Understand you must adhere to both elements of the attainment standard to successfully pass this evaluation.

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# **Skills Test 1 – Human Resource Management Station**

## **Performance Test Summary Sheet**

**Objectives:** NFPA Standard 1051, Chapter 6, Paragraphs 6.1.1, 6.1.1 A, 6.2.1, 6.2.2, 6.2.3

- Tasks**
- 1. Demonstrate the ability to properly use a hand held/portable weather device.**
  - 2. Demonstrate the ability to read various types of maps and chart locations using a compass.**
  - 3. Demonstrate the ability to use a hand held or vehicle mounted Global Positioning System (GPS).**
  - 4. Demonstrate the proper inspection of personnel and their equipment to ensure their readiness to safely deploy to a wildland fire.**
  - 5. Demonstrate the ability to brief assigned personnel on a given suppression task in a wildland environment and lead them in the safe and successful execution of that task.**

## **Performance Test Item**

**Personnel Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.1.1, 6.1.1A

**Task:** Demonstrate the ability to properly use a hand held/portable weather device.  
**Setting:** Fire Department training ground or suitable exercise location.

**Tools Equipment:** Equipment provided by the authority having jurisdiction that would typically be used to determine current/on-scene weather conditions at a wildland fire.

**Attainment Standard:** Successful completion of 6 out of 8 elements/steps within 15 minutes

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Demonstrate the ability to properly use a hand held/portable weather device.	1. In accordance with manufacturer's specifications and local policies/procedures:		
	A. Assembled device properly	___	___
	B. Properly operated device	___	___
	C. Determined relative humidity	___	___
	D. Determined temperature	___	___
	E. Determined current wind speed	___	___
	F. Accurately recorded conditions	___	___
	G. Provided detailed report to supervisor	___	___
	H. Properly stored device	___	___

## **Performance Test Item**

**Personnel Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.1.1, 6.1.1 A

**Task:** Demonstrate the ability to read various types of maps and chart locations using a compass.

**Setting:** Fire Department training ground or suitable exercise location.

**Tools Equipment:** Maps and a compass provided by the authority having jurisdiction that would typically be used at an actual wildland fire emergency. (Topographic, latitude/longitude, general, and survey maps)

**Attainment Standard:** Successful completion of 8 out of 9 elements/steps within 60 minutes

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>1. Demonstrate the ability to read various types of maps and chart locations using a compass.</p> <p><b>NOTE:</b> Evaluator will provide the candidate with maps and have them demonstrate the ability to find the location of the fire or their location on the maps.</p>	<p>1. In accordance with agencies policies/procedures:</p> <p>A. Correctly identified fire location on a topographic map</p> <p>B. Identified any slopes, ridges, or canyons in the fire area.</p> <p>C. Correctly identified fire location on a lat/long map</p> <p>D. Correctly gave lat/long coordinates</p> <p>E. Correctly identified fire location on general or survey map.</p> <p>F. Correctly identified parts of a compass</p> <p>G. Properly adjusted for East/West declination depending on locale and map</p> <p>H. Given direction and distance to a fire, determined their location using compass and map</p> <p>I. Completed task in allotted time</p>	<p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p>	<p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p>

## **Performance Test Item**

**Personnel  
Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.1.1, 6.1.1A

**Task:** Demonstrate the ability to use a hand held or vehicle mounted Global Positioning System (GPS).

**Setting:** Fire Department training ground or suitable exercise location.

**Tools  
Equipment:** Equipment provided by the authority having jurisdiction.

**Attainment  
Standard:** Successful completion of 4 out of 5 elements/steps within 15 minutes.

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Demonstrate the ability to use a hand held or vehicle mounted Global Positioning System (GPS).	1. In accordance with manufacturer's specifications and local policies/procedures.		
	A. Turned unit "ON" and ran ops check	<input type="checkbox"/>	<input type="checkbox"/>
	B. Determined present location in terms of latitude and longitude	<input type="checkbox"/>	<input type="checkbox"/>
	C. Identified present location on a map	<input type="checkbox"/>	<input type="checkbox"/>
	D. Provided accurate location to supervisor	<input type="checkbox"/>	<input type="checkbox"/>
	E. Completed task within allotted time.	<input type="checkbox"/>	<input type="checkbox"/>

## **Performance Test Item**

**Personnel  
Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.2.1

**Task:** Given an assigned suppression task at a wildland fire incident, demonstrate the proper inspection of personnel and their equipment to ensure their readiness to safely perform suppression duties.

**Setting:** Wildland fire incident.

**Tools  
Equipment:** Equipment and personnel provided by the authority having jurisdiction and utilizing a standardized checklist.

**Attainment  
Standard:** Successful completion of 5 out of 6 elements/steps within 45 minutes.

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Given an assigned suppression task at a wildland fire incident, demonstrate the proper inspection of personnel and their equipment to ensure their readiness to safely perform suppression duties.	1. In accordance with local policies/procedures. <ul style="list-style-type: none"> <li>A. Accounted for all assigned personnel</li> <li>B. Inspected PPE of all assigned personnel and identified any deficiencies.</li> <li>C. Inspected all equipment selected for the task and identified any deficiencies.</li> <li>D. Inspected all supplies needed for the task and identified deficiencies.</li> <li>E. Verified qualifications of all assigned personnel (FF I &amp; FAFR as a minimum).</li> <li>F. Verified "Pack Test" result IAW agency policies and procedures. (Ardous, Medium, Light)</li> </ul>	___	___
		___	___
		___	___
		___	___
		___	___
		___	___

## 2. Preparedness

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<b>Personnel Classification:</b>	<b>Wildland Fire Fighter II</b>
<b>Objective:</b>	<b>NFPA Standard 1051, Chapter 6, paragraph 6.2.2</b>
<b>Task:</b>	Demonstrate the ability to brief assigned personnel on a given fireline construction method task in a wildland fire environment and lead them in the safe and successful execution of that task.
<b>Setting:</b>	Wildland fire incident or exercise.
<b>Tools Equipment:</b>	Personnel, equipment, and written safety briefing.
<b>Attainment Standard:</b>	Successful completion of 15 out of 18 elements/steps within 90 minutes

## 2. Preparedness

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Demonstrate the ability to brief assigned personnel on a given fireline construction method task in a wildland fire environment and lead them in the safe and successful execution of that task.	1. In accordance with local policies/procedures.		
	A. Briefed fire name, location, and other incidents in the area.	___	___
	B. Identified special terrain features.	___	___
	C. Briefed fuel types and conditions.	___	___
	D. Briefed past, present, and expected fire behavior conditions.	___	___
	E. Identified Incident Commander and immediate supervisor.	___	___
	F. Briefed overall strategy and objectives.	___	___
	G. Briefed specific tactical assignments.	___	___
	H. Briefed contingency plans.	___	___
	I. Briefed communication plan	___	___
	J. Briefed Medevac plan.	___	___
	K. Identified other resources working in the area.	___	___
	L. Identified logistical considerations (Trans, supplies, equipment).	___	___
	M. Identified known hazards and risks.	___	___
	N. Identified control measures to minimize risks.	___	___
O. Identified trigger points.	___	___	

**Skills Test 2 - Preparedness Station**

**Performance Test Summary Sheet**

**Objectives:**            **NFPA Standard 1051, Chapter 6, Paragraphs 6.3.2, 6.3.3**

- Tasks**
- 1. Demonstrate proper inspection and maintenance of assigned chain saws.**
  - 2. Demonstrate the proper inspection and maintenance of portable water pumps.**

### **Performance Test Item**

**Personnel Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.3.2, 6.3.3

**Task:** Demonstrate the proper inspection and maintenance of assigned chain saws.

**Setting:** Fire Department training ground or suitable exercise location.

**Tools Equipment:** Equipment provided by the authority having jurisdiction that would typically be used at an actual wildland fire emergency.

**Attainment Standard:** Successful completion of 8 out of 9 elements/steps within 45 minutes



### **Performance Test Item**

**Personnel Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.3.3

**Task:** Demonstrate the proper inspection and maintenance of assigned portable water pumps.

**Setting:** Fire Department training ground or suitable exercise location.

**Tools Equipment:** Portable water pump provided by the authority having jurisdiction that would typically be used at an actual wildland fire emergency.

**Attainment Standard:** Successful completion of 8 out of 9 elements/steps within 45 minutes



## **Skills Test 3 - Suppression Station**

### **Performance Test Summary Sheet**

**Objectives:** NFPA Standard 1051, Chapter 6, Paragraphs 6.5.2, 6.5.3, 6.5.4, 6.5.5, 6.5.6, 6.5.7

- Tasks**
- 1. Given a wildland fire and agency standards, select the fireline construction technique that is most appropriate for the fire situation and meets agency policies standards.**
  - 2. Given a wildland/urban interface fire and all necessary tools and equipment, effectively reduce the risk of fire exposure to improved properties.**
  - 3. Demonstrate the ability to safely and correctly use a chain saw in a wildland fire situation IAW agency standards.**
  - 4. Demonstrate the ability to safely and correctly use a portable water pump in a wildland fire situation IAW agency standards.**
  - 5. Given the assignment of performing “Lookout” duties during mop-up operations at a wildland fire; demonstrate the ability to: notify crews of changing conditions, identify, isolate and preserve evidence and up channel the information IAW agency policies and procedures.**

### **3. Suppression Station**

**Personnel Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.5.2

**Task:** Given a wildland fire and agency line construction standards, select the fireline construction technique that is most appropriate for the fire situation and meets agency policies standards, then lead a crew in the construction of that fireline.

**Setting:** Fire Department training ground or suitable exercise location.

**Note:** This task may be part of a larger evaluation exercise in which the candidate is evaluated during wildland fire suppression efforts.

**NOTE:** Downhill Line construction is prohibited for this evaluation.

**Tools Equipment:** Personnel and equipment provided by the authority having jurisdiction.

**Attainment Standard:** Successful completion of 12 out of 14 elements/steps within 3 hours

### 3. Suppression Station

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>1. Given a wildland fire and agency standards, select the fireline construction technique that is most appropriate for the situation and meets agency policies standards, and then lead personnel in the construction of that fireline.</p> <p><b>NOTE:</b> Downhill Line construction is prohibited for this evaluation.</p>	1. IAW IFSTA <i>Wildland Fire Fighting for Structural Firefighters</i> , NWCG Fireline Handbook and local policies/procedures		
	A. Candidate selected appropriate location for construction of the control line (Offensive/Defensive)	___	___
	B. Briefed crew on safety and task to be performed	___	___
	C. LCES was established	___	___
	D. Fire line was wide enough based on fuel type.	___	___
	E. All lines were cleared to mineral soil	___	___
	F. Unburned material was discarded outside the fireline	___	___
	G. Charred or burning material was scattered inside the burned area.	___	___
	H. Trenches were constructed to catch rolling materials.	___	___
	I. Cooled down adjacent fire with water to increase effectiveness of the line.	___	___
	J. Covered uncharred or rotten logs outside the fireline with dirt or wet them down	___	___
	K. Felled or lined snags near the fireline.	___	___
	L. Built fireline as close as safely possible to fire edge.	___	___

### **3. Suppression Station**

<b>ELEMENTS/STEPS</b>	<b>STANDARDS</b>	<b>YES</b>	<b>NO</b>
	M. Burnt out fireline as control line proceeded.	—	—
	N. Completed fireline met agency standards	—	—

### **3. Suppression Station**

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**Personnel Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.5.3

**Task:** Given a wildland/urban interface fire and all necessary personnel, tools, and equipment, effectively reduce the risk of fire exposure to improved properties.

**Setting:** Fire Department training ground or suitable exercise location.

**Note:** This task may be part of a larger evaluation exercise in which the candidate is evaluated as a member of a team during wildland fire suppression efforts.

**Tools Equipment:** Personnel and equipment provided by the authority having jurisdiction.

**Attainment Standard:** Successful completion of 14 out of 17 elements/steps within 2 hours.

### 3. Suppression Station

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Given a wildland/urban interface fire and all necessary personnel, tools, and equipment, effectively reduce the risk of fire exposure to improved properties.	1. IAW IFSTA <i>Wildland Fire Fighting for Structural Firefighters</i> , <i>NWCG Fireline Handbook</i> , and local policies/procedures		
	A. Candidate conducted size-up of the wildland/urban interface situation and accurately determined if structure was defensible	___	___
	B. Briefed crew on safety and task to be performed.	___	___
	C. Developed a written Incident Action Plan	___	___
	D. Determined if residents were home	___	___
	E. Placed homeowner's ladder on corner of structure with least threat of fire for roof access if necessary.	___	___
	F. Cleaned roof of leaves, needles, and other combustible materials.	___	___
	G. Covered vents and air conditioning units on roof.	___	___
	H. Removed hanging limbs and ground/ladder fuels from around the structure.	___	___
	I. Removed or scattered wood piles or wooden fences near structure.	___	___
	J. Shut off above ground fuel tanks and cleared away vegetation.	___	___
	K. Placed combustible outdoor furniture inside of structure.	___	___
	L. Closed all doors and windows, to include the garage.	___	___

### **3. Suppression Station**

<b>ELEMENTS/STEPS</b>	<b>STANDARDS</b>	<b>YES</b>	<b>NO</b>
	M. Laid a wet line to protect the structure.	___	___
	N. Constructed a fireline to defend the structure.	___	___
	O. Actions complied with agency policies and procedures.	___	___

### **3. Suppression Station**

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**Personnel  
Classification:** Wildland Fire Fighter II

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.5.4

**Task:** Demonstrate the ability to safely and correctly use a chain saw in a wildland fire situation IAW agency standards.

**Setting:** Fire Department training ground or suitable exercise location.

**Note: This task may be part of a larger evaluation exercise in which the candidate is evaluated as a member of a team during wildland fire suppression efforts.**

**NOTE:** All trees and snags felled in this task shall be less than 20” in diameter.

**Tools  
Equipment:** Tools and equipment provided by the authority having jurisdiction.

**Attainment  
Standard:** Successful completion of 11 out of 13 elements/steps within 1 hour.

### 3. Suppression Station

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Demonstrate the ability to safely and correctly use a chain saw in a wildland fire situation IAW agency standards.	1. IAW IFSTA <i>Wildland Fire Fighting for Structural Firefighters</i> , <i>NWCG Fireline Handbook</i> , manufacturer's guidance and local policies/procedures		
	A. Wore proper PPE	___	___
	1. Chaps		
	2. Hearing Protection		
	3. Gloves		
	4. Hard hat		
	5. Eye protection		
	B. Started saw in correct manner	___	___
	C. Maintained control of saw and had a balanced stance	___	___
	D. Kept saw a safe distance from legs	___	___
	E. Never made a cut with the saw motor higher than chest level.	___	___
	F. Ensured debris was cleared from the cutting location.	___	___
	G. Ensured there were no overhead hazards.	___	___
H. Initiated and completed all cuts with saw at high speed.	___	___	
I. Watched for whipping branches and limbs.	___	___	
J. Cut limbs close to their point of attachment.	___	___	
K. All limbs were cut so only a flat end remained.	___	___	

### **3. Suppression Station**

<b>ELEMENTS/STEPS</b>	<b>STANDARDS</b>	<b>YES</b>	<b>NO</b>
	L. Avoided cuts that would pinch the guide bar or bind the blade.	___	___
	M. Turned saw off when moving from one location to another.	___	___

### **3. Suppression Station**

**Personnel** Wildland Fire Fighter II

**Classification:**

**Objective:** NFPA Standard 1051, Chapter 6, paragraph 6.5.5

**Task:** Demonstrate the ability to safely and correctly use a portable water pump in a wildland fire situation IAW agency standards.

**Setting:** Fire Department training ground or suitable exercise location.

**Note:** This task may be part of a larger evaluation exercise in which the candidate is evaluated as a member of a team during wildland fire suppression efforts.

**Tools** Equipment provided by the authority having jurisdiction.

**Equipment:**

**Attainment** Successful completion of 7 out of 9 elements/steps within 30 minutes

**Standard:**

### **3. Suppression Station**

<b>ELEMENTS/STEPS</b>	<b>STANDARDS</b>	<b>YES</b>	<b>NO</b>
1. Demonstrate the ability to safely and correctly use a portable water pump in a wildland fire situation IAW agency standards.	1. IAW IFSTA <i>Wildland Fire Fighting for Structural Firefighters</i> , manufacturer's guidance and local policies/procedures		
	A. Chose a good location for pump setup.	___	___
	B. Absorbent pad placed under the pump to retain spilled fuel.	___	___
	C. Properly connected suction and discharge hoses	___	___
	D. Placed strainer on end of suction hose.	___	___
	E. Located strainer so as not to attract debris.	___	___
	F. Properly started portable water pump	___	___
	G. Achieved a good prime of the portable water pump.	___	___
	H. Flowed water to the nozzle end of the discharge hose.	___	___
	I. Set pump discharge to proper pressure.	___	___

### **3. Suppression Station**

<b>Personnel Classification:</b>	<b>Wildland Fire Fighter II</b>
<b>Objective:</b>	<b>NFPA Standard 1051, Chapter 6, paragraph 6.5.6, 6.5.7</b>
<b>Task:</b>	Given the assignment of performing “Lookout” duties during mop-up operations at a wildland fire; demonstrate the ability to: notify crews of changing conditions, identify potential fire origin, isolate and preserve possible evidence and up channel the information IAW agency policies and procedures.
<b>Setting:</b>	Fire Department training ground or suitable exercise location.
	<b>Note: This task may be part of a larger evaluation exercise in which the candidate is evaluated as a member of a team during wildland fire suppression efforts.</b>
	<b>NOTE:</b> Evaluator will need to place evidence or ignition device for the candidate to successfully perform this task.
<b>Tools Equipment:</b>	Equipment and personnel provided by the authority having jurisdiction.
<b>Attainment Standard:</b>	Successful completion of 7 out of 8 elements/steps within 1 hour

### 3. Suppression Station

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>1. Given the assignment of performing “Lookout” duties during mop-up operations at a wildland fire; demonstrate the ability to: notify crews of changing conditions, identify potential fire origin, isolate and preserve potential evidence and up channel the information IAW agency policies and procedures.</p>	<p>1. IAW IFSTA <i>Wildland Fire Fighting for Structural Firefighters</i>, <i>NWCG Fireline Handbook</i>, and local policies/procedures</p>		
	<p>A. Candidate verbally explained the duties of a “Lookout” to the evaluator.</p>	___	___
	<p>1. LCES</p>	___	___
	<p>2. 10 Standard Fire Orders</p>	___	___
	<p>3. 18 “Watch Out Situations”</p>	___	___
	<p>B. Demonstrated the ability to warn crews of changing conditions either verbally, with hand signals or by radio.</p>	___	___
	<p>C. Discovered potential fire origin and possible evidence.</p>	___	___
	<p>D. Secured the area</p>	___	___
	<p>E. Properly marked/flagged potential evidence.</p>	___	___
	<p>F. Made written notes of all observations and actions for use by an investigator.</p>	___	___
<p>G. Developed a detailed sketch of the fire scene.</p>	___	___	
<p>H. Up-channeled all information to appropriate authority as determined by the AHJ.</p>	___	___	

**Wildland Fire Fighter II – Performance Test Record**

**INSTRUCTIONS:** This form must be completed and kept on record.

**Date of Evaluation** \_\_\_\_\_

**Candidate Rank/Name** \_\_\_\_\_ **SSAN** \_\_\_\_\_

**Evaluators Rank/Name** \_\_\_\_\_ **SSAN** \_\_\_\_\_

The candidate has PASSED/FAILED the Wildland Fire Fighter II Performance Tests for the stations marked below:

<b>Performance Test Station</b>	<b>Passed</b>	<b>Failed</b>
Human Resource Management		
Preparedness		
Suppression		

If candidate has failed the performance evaluation, provide the following information: (Use additional sheets if necessary)

Objective(s):

Reason(s) for failure:

Candidate Signature \_\_\_\_\_

Evaluator Signature \_\_\_\_\_