



Wilderness Search & Rescue Level I

Task Book

Course Dates:
Students Name:
Lead Instructor:



Wilderness Search & Rescue – Level I

Task Book

This Task Book is the evaluation tool used to validate the trainee's proficiency in the skills required to complete the Wilderness SAR Level I course. The National Fire Protection Association (NFPA) 1006 Technical Rescuer Professional Qualifications 2014 edition has specified Job Performance Requirements (JPR) required by individuals to comply with Chapter 16.1 (Wilderness SAR Level I). In this course all JPR's in Chapter 16.1 of NFPA 1006 are assessed by one of three methods:

1. Written exam

- The written exam will be given to assess the trainee's cognitive knowledge of the material taught during the course.
- NFPA 1006 JPR's – 16.1.1, 16.1.2, 16.1.3, 16.1.4, 16.1.5, 16.1.6, 16.1.7 & 16.1.8

2. Skills Check-off

- The Skills Check-off is a list of practical skills that each rescuer must perform under evaluation during the course. An instructor's signature will constitute endorsement of acceptable performance.
- NFPA 1006 JPR's – 16.1.2 & 16.1.4

3. Exit Skills Test

- The Exit Skills Test is a set of skills that must be performed at the end of the course. Each skill has criteria that must be met in order to pass the skill.
- NFPA 1006 JPR's – 16.1.2, 16.1.4, 16.1.9, 16.1.10 & 16.1.11



Wilderness Search & Rescue – Level I

Written Test Instructions

Once all learning objectives have been covered, a written test will be administered to the trainees. The test is a multiple choice exam and each question is directly linked to a learning objective within the curriculum. A minimum score of 70% must be achieved to complete the course. If the student fails the first attempt a second attempt may be given. If he/she fails the second attempt this would constitute a failure of the course. If the trainee fails the course a **Course Attendance** certificate may be given. This would identify the participation in the course but would not qualify the trainee to continue on to higher levels of training.

Skills Check-off Instructions

Students will be performing these skills throughout the class. Instructors will evaluate two major areas: **Safety and Efficiency**. If any action is considered unsafe it should be stopped immediately. Instructors will work with students, teaching them to use efficient techniques. As the student performs these skills throughout the week, instructors will assess their proficiency.

Once the student performs each of the required skills to the satisfaction of the instructor (evaluating: Safety and Efficacy) the instructor will initial the Skills Check-off sheet indicating the student can competently perform the skill.

The instructors will work with trainees until he/she can perform the Check-off skills to the satisfaction of the Lead Instructor. There is no maximum number of attempts. Once all skills are endorsed by an instructor, the student must sign the Skills Check-off Sheet confirming he/she feels comfortable and competent at performing the specified skills.

Exit Skills Test Instructions

Once all learning objectives have been met exit skills test will be administered to the trainee. Each **Exit Skill Sheet** gives the objective for the skill, instructions for the trainee, examiner notes, and preparation instructions. Each skills test will also describe the criteria that will constitute a 0, 1 or 2.

Note: Not all possible situations that would dictate a 0, 1, or 2 are listed. It would be impossible to encompass all possible variations.

In general:

2 will indicate you performed the skill correctly and efficiently.

- 1** will indicate that you performed the skill safely but not efficiently.
0 will indicate that you have incorrectly performed the skill or did something the evaluator considers to be unsafe.

Stations will be set up the same for each test and each student. These are testing stations; **no teaching will occur during testing.**

Each trainee will be allowed three attempts to pass each Exit Skills Test. A separate Skill sheet should be used for each attempt. All Exit Skill Sheets should be attached to the task book for documentation.

1. If a trainee fails on his/her first attempt, time will be made to remediate the trainee in preparation for a second attempt.
2. In the event of a second failure, a second remediation will be provided in preparation for a third attempt.
3. If the trainee fails on his/her third attempt it will constitute a failure of the course.

If the trainee fails the course a **Course Attendance** certificate may be given. This would identify the participation in the course but would not qualify the trainee to continue on to higher levels of training.

Student's Name: _____ Date: _____

Skills Check-off Sheet

When performing the skills below instructors will evaluate two major areas: **Safety and Efficiency**. If any action is considered unsafe it shall be stopped immediately. Instructors will work with students, teaching them to use efficient techniques.

As the student performs these skills throughout the week, instructors will assess their proficiency. Once the student performs each of the skills below to the satisfaction of the instructor (evaluating: Safety and Efficiency) the instructor will initial below indicating the student can competently perform the skill.

NFPA 1006 JPR	Skill	Instructor Initials
16.1.2	Collect/interpret/document evidence	
16.1.4	Land Navigation	
16.1.5	Construct an emergency shelter	
16.1.9	Locate a victim in the wilderness	
16.1.10	Manage a victim in the wilderness	
16.1.11	Move a victim in the wilderness	

Once all skills are endorsed by an instructor, the student must sign below confirming he/she feels comfortable and competent at performing the skills above.

Student's Signature: _____ Date: _____

Instructor Comments:

Land Navigation Skill Sheet

OBJECTIVE (NFPA JPR 1006 – 16.1.4)

The trainee shall demonstrate the ability to safely and effectively navigate through the wilderness terrain utilizing both map & compass and GPS techniques.

The trainee shall complete the Navigation Course as outlined and according to the criteria below. The trainee must score 7 out of 10 points with no zeros in order to pass.

INSTRUCTIONS – procedures for achieving the objective

You will navigate the Navigation Course as provided, recording the name of each Navigational Point and marking the location on the GPS unit. This is an individual skill and should be performed without the assistance of any other resources. It is recommended that you complete a Pace Counting course prior to beginning this evaluation. You will be evaluated upon completion of the skills, utilizing the criteria below. Time will begin upon your receipt of the Navigation Course and will stop when you submit such course paperwork.

Do you understand these instructions?

EXAMINERS NOTE

The trainee will not be allowed to review any materials and/or receive any assistance from any other individuals, reference material, etc.

PREPARATION & EQUIPMENT

Ensure each student has or is provided with the following pieces of equipment:

- Topographic map of the immediate area (USNG / WGS 84)
- Compass
- GPS unit
- Navigation Course – paperwork shall be provided
- Navigation Points – shall be clearly marked (*3 pieces of 3' flagging tape*)
- “Bail-out” / Escape bearing
- 100 meter pace counting course – provide access to such

Provide the trainee with a Navigation Course consisting of the following:

- Orient map to north (*utilizing either terrain or compass*)
- Starting Point – readily obvious physical location, marked on map (*student shall find exact physical starting point WITHOUT utilizing a GPS unit*)
- 1st Navigational Point – as designated by a point marked on the map (*student shall utilize GPS unit*)

- 2nd Navigational Point – as designated by a Bearing only (*distance shall be 100m – 300m and determined by the trainee*)
- 3rd Navigational Point – as designated by a Bearing (*distance shall be 100m – 300m and determined by the trainee*)
- 4th Navigational Point – as designated by Lat / Lon coordinates (*recommended to be 'near' Examiner's location*)

Student's Name:	Date:
Examiner's Name:	Initial Test:
Examiner's Name:	1 st Retest:
Examiner's Name:	2 nd Retest:

Initial			1 st Retest			2 nd Retest			Evaluation Criteria			
0	1	2	0	1	2	0	1	2	1.	Orienting the Map to north		
0	1	2	0	1	2	0	1	2	2.	Locating the "Starting Point"		
0	1	2	0	1	2	0	1	2	3.	Successfully locate all Navigation Points		
0	1	2	0	1	2	0	1	2	4.	Accurately determine the distance between Points		
0	1	2	0	1	2	0	1	2	5.	Time Initial:	1 st Retest:	2 nd Retest:

Note: If any score less than 2 is marked; explain below in "Examiner's Notes."

Student's Total Points (<i>minimum passing – 7 points</i>)	Score:	Initial
Examiner's Signature:		<input type="checkbox"/> Pass
Student's Signature:		<input type="checkbox"/> Fail
Student's Total Points (<i>minimum passing – 7 points</i>)	Score:	1st Retest
Examiner's Signature:		<input type="checkbox"/> Pass
Student's Signature:		<input type="checkbox"/> Fail
Student's Total Points (<i>minimum passing – 7 points</i>)	Score:	2nd Retest
Examiner's Signature:		<input type="checkbox"/> Pass
Student's Signature:		<input type="checkbox"/> Fail

Examiner's Notes:

Skills Criteria

Land Navigation

The trainee must score **7 out of 10 points** with NO zeros in order to pass.

Orienting Map

2 (All must apply)

The trainee easily rotates their map to align map north with north. This is accomplished by observing the surrounding terrain and/or utilizing their magnetic compass.

1

With much difficulty the trainee is able to align their map north with north. Or, the student utilizes the proper procedures, yet is inaccurate in their orientation.

0

The trainee is unable to properly orient their map.

Locating the “Starting Point”

2 (All must apply)

The trainee identifies the “Starting Point,” from the map, and then determines the direction from their current position to such. The trainee then moves directly and accurately thereto.

1

The trainee ‘searches’ the area until the “Starting Point” is discovered; path is very haphazard and circuitous.

0

The trainee is unable to locate the “Starting Point.”

Successfully locate all Navigation Points

2 (All must apply)

The trainee successfully navigates to each navigational point, recording the letter designator. The trainee progresses efficiently from one point to the next, without need to ‘restart,’ thereby completing the course.

1

The trainee successfully navigates to each navigational point, recording the letter designator. However, in order to do such, the trainee must 'restart' the course to 'correct' previous mistakes.

0

The trainee is unable to successfully complete the navigation course.

Accurately determine the distance between Points

2 (All must apply)

The trainee is able to approximate the distance between navigational points 1-2 and 2-3 (*utilizing pace count ONLY*) to an accuracy of +/- 10% of the actual distance.

1

The trainee is unable to approximate the distance between navigational points 1-2 and 2-3, utilizing pace count only. But, the trainee is able to accomplish such utilizing their GPS unit.

0

The trainee is unable to accurately determine the distance between navigational points.

Time

2 (All must apply)

Navigation Course is completed in less than 1 hour.

1

Navigation Course is completed between 1 – 1 ½ hours.

0

Navigation is not completed in less than 1 ½ hours.

Primary Route Segment Search Skill Sheet

OBJECTIVE (NFPA JPR 1006 – 16.1.2)

The trainee shall demonstrate being a member of a Primary, Route Segment Search team.

INSTRUCTIONS - procedures for achieving the objective

You will conduct a primary, route, segment search. I will act as your guide and you will be responsible for maintaining your lane width as directed and determine when the required distance has been covered. I will evaluate your performance utilizing the criteria below. The skill will begin on my instruction to start. The time will stop when you inform me that you have completed the skill.

Do you understand these instructions?

EXAMINERS NOTE:

The trainee will not be allowed to review the skills criteria during the skills test.

PREPARATION & EQUIPMENT

Provide the trainee with an area to perform a Primary Route Segment Search, distance to cover and a lane width to maintain will be determined by the instructors.

Student's Name:	Date:
Examiner's Name:	Initial Test
Examiner's Name:	1 st Retest
Examiner's Name:	2 nd Retest

Initial			1st Retest			2nd Retest						
0	1	2	0	1	2	0	1	2	1.	Probability of Detection		
0	1	2	0	1	2	0	1	2	2.	Pace/Length of Segment		
0	1	2	0	1	2	0	1	2	3.	Search Efficiency		
0	1	2	0	1	2	0	1	2	4.	Active Search Technique		
0	1	2	0	1	2	0	1	2	5.	Total Time Initial:	1 st Retest:	2 nd Retest:

Note: If any score less than 2 is marked; explain below in "Examiner Notes".

Student's Total Points (min. passing: 7 points)	Score:	Initial
Examiner's Signature:		<input type="checkbox"/> Pass
Student's Signature:		<input type="checkbox"/> Fail
Student's Total Points (min. passing: 7 points)	Score:	1st Retest
Examiner's Signature:		<input type="checkbox"/> Pass
Student's Signature:		<input type="checkbox"/> Fail
Student's Total Points (min. passing: 7 points)	Score:	2nd Retest
Examiner's Signature:		<input type="checkbox"/> Pass
Student's Signature:		<input type="checkbox"/> Fail

Examiner Notes:

Skills Criteria

Be a member of a Primary Route Segment Search team

The trainee must score **7** out of **10** to pass with NO zeros allowed.

Probability of Detection:

2 (All must apply)

Greater than 60%

1

50 to 60%

0

Less than 50%

Pace/Length of Segment:

2 (All must apply)

Length is accurate to within +10% or 10 meters, whichever is the lesser.

1

Length is within -10% or 10 meters, whichever is the lesser.

0

Unable to determine length or length is greater than +10% or 10 meters, whichever is the lesser.

Search Efficiency

2 (All must apply)

0-10% of items from out of designated search area.

1

15-25% items from out of designated search area.

0

Greater than 25% of items from out of designated search area.

Active Search Technique

2 (All must apply)

Searcher demonstrates active search technique, purposefully wandering while also looking up, down & all around.

1

Searcher demonstrates a lack of active search technique by not purposefully wandering or not looking up, down & all around.

0

Searcher fails to use any active search technique.

Time:

2

Search is conducted in 15 minutes or less.

1

Search is conducted between 15 and 29 minutes.

0

Search is conducted in 30 minutes or greater.