

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF EMERGENCY
MANAGEMENT
SEARCH AND RESCUE PROGRAM
STANDARDS FOR VIRGINIA
TRAILING CANINE TEAMS

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PREREQUISITES

In order to be eligible to test to become a "Trailing Canine Team" the handler shall:

- a) Be at least 18 years of age.
- b) Be an active member in good standing with a Canine Search and Rescue group currently operating under a Memorandum of Understanding (MOU) with the Department of Emergency Management in the Commonwealth of Virginia, or be a member of a team that has an application pending for a canine MOU with the Department of Emergency Management in the Commonwealth of Virginia.
- c) Have no felony convictions.
- d) Provide current canine team training log.
- e) Provide documentation of current canine immunizations.

TERMINOLOGY

The definitions listed here are for Virginia Canine standards only. They may or may not reflect the definitions used by other individuals, groups, or agencies.

- 1) **Active Trailing Committee Members**: A member who has attended at least 50% of the trailing committee meetings.
- 2) **Aggressive Canine Behavior** - Biting or lunging and growling at people or other controlled animals.
- 3) **Air scent canine** - A canine that will detect airborne human scent.
- 4) **Alert** - The canine's natural response, recognizable to the handler, to the detection of human scent.
- 5) **Area search** - Search of a specific geographical area. The area could be urban, suburban, rural, or wilderness.
- 6) **Article search** - Search for any object or article that may contain human scent which may be above or below ground.
- 7) **Cadaver search** - Search for human remains, bodily fluids, articles, or the areas on which they may have rested.
- 8) **Cadaver Canine** - A canine that will detect and indicate on human remains including human decomposition scent.
- 9) **Canine team** - 1 trained handler with 1 trained canine.
- 10) **Disaster Search** - Search for humans in rubble or debris, such as collapsed buildings and debris piles that are a result of natural or human-caused disasters.
- 11) **Event** - Training, mission, test, or other activity, where search teams may gather.
- 12) **Good Samaritan Law** - Any person who, in good faith, renders emergency medical care or assistance to an injured person at the scene of an accident or other emergency without the expectation of receiving, or intending to receive, compensation for such injured person, shall not be liable in civil damages for any act or omission, not constituting gross negligence, in the course of such care or assistance. Good Samaritan Laws do not prevent subjects from filing civil suits and do not take the burden of proof off of the responder.
- 13) **Group** - The organization that a team represents.
- 14) **Handler** - The person who controls and directs the canine during a search.
- 15) **Heeling** - The canine walking with the handler, on command, at the handler's side, either on or off lead.
- 16) **ID** - Off lead trailing canine's trained response to the identification of the subject.
- 17) **Indication** - Canine's trained method of communicating to the handler that the subject or scent has been found.

- 18) **Operational Team** – One trained handler and one trained canine that have passed all requirements set forth by these standards and have been issued a certification by Virginia Department of Emergency Management.
- 19) **PLS** – Place last seen.
- 20) **Probability of Detection (POD)** - The percentage of probability that if a subject were actually in the search area that he would have been located (detected) by the search effort.
- 21) **Refind** - When the canine has made a find, it returns to the handler and directs the handler back to the subject.
- 22) **Rural** - Country often given to farming or to woodland and sparsely to moderately populated.
- 23) **SAR**- Search and Rescue.
- 24) **SAR Dog Standards Committees** - Committees comprised of representatives of each search canine group that has an MOU with the Virginia Department of Emergency Management. Each canine group may have up to two voting members on the committee. The Virginia Department of Emergency Management may also appoint a member to the committee.
- 25) **Scent discriminating canine** - A canine that will locate the scent of a specific individual.
- 26) **Tracking canine** - A canine that will follow almost exactly the ground scent track of a person.
- 27) **Trailing canine** - A canine that will follow the scent of a person, but not necessarily precisely where that person has walked. Trailing canines are almost always scent discriminating.
- 28) **Urban or Suburban** - Moderately to heavily populated areas given primarily to business and residential development.
- 29) **Water search** - Search for human scent under water, such as a drowned victim.
- 30) **Wilderness** - An area generally uncultivated and uninhabited, and often inaccessible by road.

SCOPE

- a) These standards are intended to define minimum qualification requirements for searching by a trailing canine team.

- b) The team should be capable of performing these functions any time of the year, day or night, and in all weather conditions experienced in the Commonwealth of Virginia. The team may work with a variety of individuals and organizations, including law enforcement, fire and rescue, casual volunteers, and family members of the missing subject(s). In order to do this the handler should be able to:
 - 1) Understand the search and rescue system used in the Commonwealth
 - 2) Understand the theory of missing person searches
 - 3) Plan, execute, document, and debrief a variety of canine search tasks
 - 4) Navigate accurately on land
 - 5) Survive an unexpected emergency

- c) These standards do not address any particular breed of canine since many breeds can be trained to do search work. However, it is important that the canine have the stamina for long hours of searching in all kinds of weather. In addition, the canine must be sociable and controllable in situations involving crowds, noise, other canines, and a variety of distractions.

HANDLER KNOWLEDGE AND PERFORMANCE **EXPECTATIONS**

Handler will demonstrate the knowledge and ability to perform the skills listed. Specific tests designed for some items are described in “TEST METHODS”, and are included as part of these standards. See Appendix L for reference material.

1) SAR Operations

- a) Understand how state missions are originated.
- b) List several resources that might be utilized during a SAR event.
- c) Articulate the development of trailing canine assignments for a search incident and provide appropriate recommendations for additional resource support to the incident.
- d) Understand the functions of these field team positions:
 - 1) Field Team Member
 - 2) Field Team Leader
- e) Understand proper searcher conduct as it relates to law enforcement, the family of the missing subject(s), and the media.
- f) Understand general safety considerations in SAR operations, including dealing with critical incident stress.
- g) Understand the provisions of the Virginia Search and Rescue Council’s “Standard Operating Procedures”.

2) Legal Aspects of Search and Rescue

- a) Understand SAR responsibilities at the state level.
- b) Understand several methods of reducing liability exposure.
- c) Understand the circumstances upon which entry onto private property may be justified.

3) Survival

Understand the basic principles of clothing and equipment selection for the search environment:

See APPENDIX K for guidelines for required and suggested personal equipment lists.

4) Understand the characteristics of scent

- a) Refer to the books in the reference list

5) Land Navigation

- a) Define the following terms or concepts:
 - 1) True north and magnetic north
 - 2) Declination
- b) Demonstrate the ability to read and interpret topographic map border information, colors, and symbols.
- c) Demonstrate the ability to use a compass to plot and follow a course on a map.
- d) Demonstrate the ability to draw on a map the area traveled.
- e) Demonstrate the ability to perform the following navigational functions:
 - 1) Obtain and follow a simple compass bearing
 - 2) Determine a reciprocal
 - 3) Move around obstacles
 - 4) Measure distance by pacing
 - 5) Determine position by terrain feature identification
- g) Describe how to use these land navigation concepts:
 - 1) Catching features
 - 2) Collecting features
 - 3) Aiming off

6) Search Strategy

- a. Given a trailing canine scenario, discuss and demonstrate the ability to plan and perform the task.
- b) Demonstrate the ability to accurately map and debrief the task.

7) Clue and Site Procedures

- a) Describe correct method of scent collection.
- b) Describe the proper way to approach and handle clues and subjects.
- c) Describe methods used to preserve and secure a crime scene.
- d) Explain the importance of accurate documentation of location of clues and subject(s).

8) Helicopter Operations

- a) Understand the hazards to ground personnel working around a helicopter.
- b) Understand the proper procedures pursuant to a helicopter, including direction of approach and communication with the crew.

9) Field Communications

- a) Define the common problems associated with the field use of portable radios and list some possible solutions.
- b) Describe basic radio procedures including courtesy, security, brevity, use of the phonetic alphabet and problems with 10 codes.

10) First Aid**Canine**

- a) The handler must recognize symptoms of, and, if possible, know how to treat the common but severe conditions which may result in significant injury or death of the canine including but not limited to:
 - 1) Excessive bleeding
 - 2) Hypothermia
 - 3) Hyperthermia
 - 4) Bloat
 - 5) Shock
 - 6) Dehydration
- b) The handler must know which human medications may not be shared with a canine.

11) Additional required training

- a) Field Team Member or state approved equivalent.
- b) Virginia approved crime scene preservation class.
- c) Basic First Aid with CPR.

CANINE PERFORMANCE EXPECTATIONS

The objectives of the behavior, obedience, and agility evaluations are to help ensure that the canine team can work safely, efficiently, and in conjunction with other teams and personnel.

Specific tests designed for this purpose are described in “TEST METHODS”.

1. Behavior

Aggression:

Each handler shall be responsible for assuring his/her canine does not exhibit aggressive behavior, or the canine shall not be eligible for certification.

Policy:

Aggressive canine behavior toward people or other canines shall not be considered acceptable behavior.

Repercussions:

Following an attack on a person or controlled canine, the offending canine will be removed from the test area. At that time the state evaluator will review the incident and determine if the canine is fit to continue or if the team must retest at a later date.

All such incidents must be documented. Documentation by the state evaluator shall include the date and time of the incident, a description of what happened including all parties and animals involved, and signatures by at least one witness and the person filing the report. Copies of the report should be given to the handler, a group officer, and the State SAR office.

2. Obedience:

The canine must be under the control of the handler at all times, capable of heeling through crowds; non-aggressive to both people and other canines.

3. Agility:

The canine must demonstrate the ability to: negotiate obstacles, crawl under a fence or gate, and go through a tunnel.

4. Search Skills:

The canine must demonstrate the ability and stamina to follow a trail effectively.

TEST METHODS

The following testing procedures are designed to provide a representative evaluation of the expectations listed in Handler Knowledge and Performance Expectations and Canine Performance Expectations.

Required Tests:

Handler Written Evaluation

Canine Behavior Evaluation

Canine Obedience Evaluation

Canine Agility Evaluation

20-Acre Navigation Evaluation

Urban Evaluation

Wilderness Evaluation

If already successfully completed within existing canine disciplines, behavior, obedience, agility, and 20-acre tests do not need to be repeated.

Handler Written Test

- a) The handler will complete a comprehensive written or oral test and will achieve a score of at least 80%.
- b) The test of 50 multiple choice questions will be provided by VDEM and will be randomly selected from questions supplied by the SAR Dog Standards Committee.
- c) A state evaluator will administer the test, and copies of the results will be given to the group's Training Officer, certifying handler, and VDEM.

CRITERIA FOR TRAILING CANINE STATE EVALUATORS

In order to evaluate canine teams to these Virginia Trailing Canine Team Standards, the evaluator must participate in a mandatory statewide evaluators' seminar and satisfy one of the three following criteria:

- a) At the implementation of these standards, active trailing committee members will serve as state trailing evaluators. See Appendix N.
- b) Need to have been a trailing group evaluator of a SAR group currently operating under a trailing Memorandum Of Understanding with the Department of Emergency Management in the Commonwealth of Virginia.
- c) Need to have been an operational Trailing team for a minimum of two years and be a member in good standing of a SAR Group currently operating under a Memorandum of Understanding with the Department of Emergency Management in the Commonwealth of Virginia.

EVALUATOR INSTRUCTIONS

- a) The State SAR Coordinator, upon request, will issue written test materials to the evaluator(s). All test materials are confidential and security is the responsibility of the evaluator(s) to whom they have been issued.
- b) All tests and evaluations will be scored on forms approved by the Trailing Standards Committee and will be signed by the evaluator(s).
- c) The objectives of the behavior, obedience, and agility evaluations are to help ensure that both the canine and the handler can work together as a team safely, efficiently, and in conjunction with other teams and personnel.
- d) The objectives of these tests are to evaluate safety, planning ability, search techniques, and team stamina.
- e) Evaluators should remember that trailing problems are tests of the dog/handler team's ability to work out a scent trail, not an exercise in mantracking or land navigation. Evaluators shall not stop the team during the trail to perform a map and compass evaluation.
- f) Field evaluations will be conducted on an individual team basis. Each team test will be observed by a minimum of two (2) evaluators, one of which must be a state trailing evaluator. At least one of the evaluators must be an operational trailing team handler.
- g) Each evaluator will have a checklist for scoring each of the field tests. At the conclusion of each test, the evaluators will compare their scoring.
- h) Performance will be rated as either "Pass" or "Fail". Both evaluators must agree on the rating for the test to be valid.
- i) In the event there are conflicting ratings that the evaluators cannot resolve, the handler may be given a "NO TEST" rating and asked to repeat that test following procedures under "Retesting".
- j) If any one of the field tests is scored "Fail" by both evaluators, the procedures described under "Retesting" will apply.
- k) Tests should be set up and conducted following the Evaluator instructions.

Retesting

- a) If the score on any test is below the passing score, the handler may arrange for a retest. A retest may not be repeated on the same day as the original test.
- b) In the case of retesting a field evaluation because of a "Fail" rating, at least one of the evaluators that originally tested the team must participate in the retest.
- c) If, after receiving a failed rating on a retest, the candidate feels that he/she is being unfairly rated, he/she may request a retest with two different evaluators. The evaluators who rated the team "Fail" must be notified and may observe the retest, but will have no input on the evaluation results. This request for retest must be submitted by the candidate, in writing, to any of the group's officers.

Method of Conducting State Recognized Evaluations

Groups whose internal evaluation procedures meet or exceed these standards may use those procedures for certification testing provided the following conditions are met:

- 1) The evaluations are observed and scored by at least one state authorized evaluator.
- 2) The Trailing Standards Committee has previously approved the checklist / evaluation form used by that group.

The approved checklist / evaluation form is completed and signed by both evaluators for each field evaluation.

CANINE BEHAVIOR EVALUATION

For evaluation form see Appendix A

Definition:

Aggressive Behavior – biting or lunging and growling at people or other controlled animals.

Requirement: The canine must not display aggressive behavior.

- a) The canine and handler will load into the back of a vehicle along with at least two other canine teams. The vehicle will then be driven for a distance of at least one mile during which time the canine must not display aggressive or uncontrolled behavior.
- b) The handler will stand with the canine in the heeling position. A stranger will approach and engage the handler in conversation. The canine must not show aggressive or uncontrolled behavior toward the stranger.
- c) The canine search team will complete a Figure “8” around two team handlers with their canines on lead, sitting at their sides positioned about eight feet apart. The testing team shall complete the pattern, on lead, passing within two feet of each of the post teams. The post teams will remain still and not interfere with the testing team.

OBEDIENCE EVALUATION

For evaluation form see Appendix B

Definition:

For purposes of this evaluation, Heeling is defined as the canine walking with the handler, on command, at the handler's side, either on or off lead.

Requirements:

The canine must respond appropriately to handler commands.

The canine must demonstrate the ability to walk with the handler in the heeling position.

- a) The canine will heel through a straight walk, a right turn, a left turn, and a 180-degree turn.
- b) The canine will sit, stand, or down in the heeling position on command when the handler stops.

Off lead canine teams must also complete C and D of the Obedience Evaluation.

- c) The canine may be placed next to the handler's pack and at least 10 feet away from any other person or canine. The lead will be removed from the canine. Upon direction from the evaluator, the handler shall give the canine the stay/wait command and the handler will move at least 50 feet away and out of sight. Time starts when the evaluator states "leave the canine". The canine may sit, stand, down, or shift position, but shall not move more than one body length in any direction from where the canine was placed. Distractions that may be encountered in a search scenario will be present. After five (5) minutes, the evaluator will direct the handler to return to the canine. Handlers may signal the canine to stay, if needed, while returning. The exercise is completed when the handler has returned to his/her canine and the evaluator states "exercise complete". No rewarding will be allowed until the exercise is complete.
- d) Emergency Stop - The canine shall be placed on a stay/wait command a minimum of 25 yards from the handler. Upon direction from the evaluator, the handler shall call his/her canine. The handler will then stop the canine when directed by the evaluator. Once the stop command has been given, an immediate change in gait is required and the canine must then come to a stop within 10 feet. The canine may down, sit, or stand. The handler may give multiple commands. The canine shall remain stationary until the handler either returns to the canine or is recalled by the handler, at the direction of the evaluator.

AGILITY EVALUATION

For evaluation form see Appendix C

Requirements: The canine must demonstrate the ability to negotiate obstacles and go through a tunnel.

- a) The canine will demonstrate the ability to negotiate over or under an obstacle, such as a fence or gate. A board suspended approximately two feet above the ground shall be considered the standard.
- b) The canine will go through a 36" diameter tunnel that is at least 8 feet in length.
- c) The canine will perform steps a and b physically unaided, but may be on a loose lead.

20-ACRE NAVIGATION EVALUATION

For evaluation form see Appendix D

Purpose:

The navigation course will demonstrate the handler's ability to traverse unfamiliar areas by using map and compass skills. Canine need not be present.

Handler Skills:

- a. Be familiar with the use of a map and compass and how to use each in conjunction with one another.
- b. Demonstrate the ability to provide accurate coordinates of a specific location to within four digits. (i.e. 1234/5678)
- c. Be able to measure distance in paces, state distance in meters, and relate it on a map.
- d. Identify terrain features.

Evaluation:

The evaluators will pick four points within the search area and mark them on the handler's map. The handler, accompanied by the evaluators, must navigate to all four points and then return to base. The handler will identify and describe terrain features within sight if requested by evaluator. Time limit is 1.5 hours for this step.

Urban (On Lead) Trailing Evaluation

For evaluation form see Appendix E

Purpose: The objective of the Urban Trailing Evaluation is to assess the ability of the handler/canine team to search for a subject in populated areas that are highly contaminated.

Handler Skills:

- a) Assess the scenario provided by the evaluators and ask appropriate questions.
- b) Outline and carry out an effective search based on the scenario.
- c) Accurately articulate direction of travel.
- d) Describe basic radio procedures including courtesy, security, and brevity, use of the phonetic alphabet.
- e) The handler must debrief at the end of the task.
- f) Demonstrate proper techniques for handling and collecting scent.

Canine Skills:

- a) Must be actively searching. Canine should move out in front of (away from) the handler and should not be consistently behind or close to the handler.
- b) Canine must be focused during the search and should continue to search despite distractions associated with the search environment.

Test Procedure:

- a) The canine must locate and follow the subject's scent trail. A handler/canine team must pass eighty percent (80%) of the skills listed on the evaluation form. Failure of either canine or handler to pass eighty percent (80%) of the skills shall result in failure of the test. A failing mark on any starred skill on the evaluation form shall result in a failure of the test. If either canine or handler fails, both must be retested.
- b) The handler being tested shall not provide subject or bystanders.
- c) The trail shall be approximately one mile. The trail will contain multiple turns.
- d) The site should include a combination of shopping centers, subdivisions etc...

- e) The trail shall be aged for (8) eight to (12) twelve hours. The subject shall not be in plain sight for either the handler or canine.
- f) The start and end of the trail will be located in highly contaminated areas.
- g) The handler will be given a brief scenario, the location of the PLS, and a scent article the same age as the trail.
- h) There will be a (1) one-hour time limit to find the subject. However, at the discretion of the evaluators, the time may be extended due to the variability of search areas provided the team is actively working.
- i) The evaluators shall assess the effectiveness of the canine and handler as a team. Strengths and weaknesses should be included in the critique. The evaluators shall assign a "Pass" or "Fail" which will be recorded in the candidate's training records.
- j) The handler, for safety purposes, may utilize evaluators. (traffic, crowd control etc.)

Wilderness/Rural Trailing Evaluation

For evaluation form see Appendix G

Purpose:

The objective of the Trailing Evaluation is to assess the ability of the handler/canine team to search for a subject in a wilderness/rural environment.

Handler Skills:

- a) Assess the scenario provided by the evaluators and ask appropriate questions.
- b) Outline and carry out an effective search based on the scenario.
- c) Describe the off lead canine's trained indication (ID) prior to the test
- d) Accurately articulate direction of travel.
- e) Describe basic radio procedures including courtesy, security, and brevity, use of the phonetic alphabet.
- f) The handler must debrief at the end of the task.
- g) Demonstrate proper techniques for handling and collecting scent articles.

Canine Skills:

- a) Must be actively searching. Canine should move out in front of (away from) the handler and should not be consistently behind or close to the handler.
- b) Canine must be focused during the search and should continue to search despite distractions associated with the search environment.
- c) The off lead canine shall provide its trained indication (ID) on the subject only. Providing the trained indication (ID) on scent other than the subject's shall result in failure of the test.

Test Procedure:

- a. The canine must locate and follow the subject's scent trail. A handler/canine team must pass eighty percent (80%) of the skills listed on the evaluation form. Failure of either canine or handler to pass eighty percent (80%) of the skills shall result in failure of the test. A failing mark on any starred skill on the evaluation form shall result in a failure of the test. If either canine or handler fails, both must be retested.
- b. The handler being tested shall not provide subject.
- c. The trail shall be approximately one mile. The trail will contain multiple turns.
- d) The site may include farmland, fields with high grass, wooded areas, (ridges, drainages, knolls, etc.), water crossings, and trails.
- e) The trail shall be aged for (8) eight to (12) twelve hours. The subject shall not be in plain sight for either the handler or canine.
- f) The start of the trail will be located in a contaminated area.
- g) The handler will be given a brief scenario, the location of the PLS, and a scent article the same age as the trail.
- h) There will be a (1) one-hour time limit to find the subject. However, at the discretion of the evaluators, the time may be extended due to the variability of search areas provided the team is actively working.
- i) The evaluators shall assess the effectiveness of the canine and handler as a team. Strengths and weaknesses should be included in the critique. The evaluators shall assign a pass or fail which will be recorded in the candidate's training records.
- j) The handler, for safety purposes, may utilize evaluators. (traffic, crowd control etc.)

RE-CERTIFICATION PROCEDURE

Purpose:

The objective of the Trailing Recertification Evaluation is to ensure that the team has maintained the skills necessary to be an effective trailing search team.

- a) Each team must recertify every 2 years.
- b) The team must be an active member in good standing within his/her group that has a current trailing MOU.
- c) Provide current canine team training log.
- d) Take, and successfully complete, the Re-certification Field Evaluation within six months before or after the anniversary date.
- e) The recertification field evaluation will consist of either the urban or wilderness, or a combination test, at the handler's discretion.
- f) An officer of the team's group, and the evaluators must complete the Re-certification Form (APPENDIX J), and submit it to Virginia Department of Emergency Management within one month of the team passing the Re-certification test.
- g) Upon receipt of the form requesting Re-certification, the Virginia Department of Emergency Management will renew the team's certification for an additional two (2) years at which time "conditions of certification" described in Certification Procedures will apply.

Failure To Recertify

If a team fails to recertify within six (6) months of the expiration date, certification will be terminated, and the candidate will be required to complete the entire application and testing process for certification again.

APPENDIX A

Trailing Behavior Evaluation Form

Canine Handler _____ Date _____
 Location _____ Canine _____
 Evaluators _____ and _____

Behavior

1) The canine and handler were loaded into the back of a vehicle with at least two other canine teams. Vehicle was driven for a distance of at least one mile. Canine did not display aggressive or uncontrolled behavior.

Pass Fail

2) The handler stood with the canine in the heeling position. A stranger approached and engaged the handler in conversation. Canine did not display aggressive or uncontrolled behavior.

Pass Fail

3) The team will have completed a Figure "8" around two team handlers with their canines on lead, sitting at their sides positioned about eight feet apart. The testing team shall complete the pattern, on lead, passing within two feet of each of the post teams. The post teams will remain still and not interfere with the testing team.

Pass Fail

All skills must be passed

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

OR

**** Behavior requirement previously satisfied via operational
 Wilderness, Water Recovery, or Cadaver status. ****

Date Satisfied _____

APPENDIX B

Trailing Obedience Evaluation Form

Handler _____ **Date** _____
Location _____ **Canine** _____
Evaluators _____ **and** _____
Evaluation for ___ **On Lead Canine** ___ **Off Lead Canine**

1) Heel:

The canine must heel on lead or off-lead.

- a) Straight walk
- b) Right turn
- c) Left turn
- d) 180 degree turn
- e) Stop (sit, stand, or down on command)

Pass Fail

2 and 3 must also be successfully completed if testing an off lead trailing canine team

2) Stay:

The canine remained in place without correction for a minimum of five minutes with the handler at least 50 feet away and out of sight. The canine may sit, stand, down, or shift position, but shall not move more than one body length in any direction from where the canine was placed. Distractions will be present.

NA Pass Fail

3) Emergency Stop:

Canine was placed on a

stay/wait command 25 yards from handler and remained in _____ place until called.
 Canine came to a halt within 10 feet of handlers stop command and remained in stationary until released. (minimum of 10 seconds)

NA Pass Fail

All skills must be passed

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

OR

**** Obedience requirement previously satisfied via operational Wilderness,
 Water Recovery, or Cadaver status ****

Date Satisfied _____

APPENDIX C

Trailing Agility Evaluation Form

Handler _____ **Date** _____
Location _____ **Canine** _____
Evaluators _____ **and** _____

1.) Canine demonstrated the ability to negotiate over or under an obstacle.
Pass Fail

2.) Canine went through a 36" diameter passageway at least 8 feet long.
Pass Fail

The canine will perform steps 1 and 2 physically unaided, but may be on a loose lead.

All skills must be passed

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

OR

**** Requirement satisfied via operational Wilderness, Water Recovery, or
Cadaver status ****

Date Satisfied _____

APPENDIX D**20-Acre Navigation Evaluation Form (Trailing)**

Handler _____ Date _____

Location _____

Evaluators _____ and _____

Weather Conditions _____

Time Started _____ Time Completed _____

***Starred items denote skills that must receive a passing score.**

- | | | |
|--|------|------|
| 1) Handler was adequately attired and equipped for conditions | Pass | Fail |
| 2) *Handler demonstrated good land navigational field skills using map and compass | Pass | Fail |
| 3) Handler accurately measured distance between two points on a topo map, as directed by the evaluators | Pass | Fail |
| 4) *Handler located all four points marked on the test map | Pass | Fail |
| 5) *Handler demonstrated basic Virginia SAR Council radio procedures | Pass | Fail |
| 6) Handler demonstrated the ability to provide accurate coordinates of a specific location to within four digits | Pass | Fail |

Overall Score: Passed _____ Failed _____

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

Comments _____

OR**** Requirement previously satisfied via operational Wilderness, Water Recovery, or Cadaver status****

Date Satisfied _____

APPENDIX E

Urban Trailing Evaluation Form

Handler _____ Canine _____ Date _____
 Location _____
 Evaluators _____ and _____
 Weather Conditions _____
 Time Started _____ Time Completed _____ Scent Article Used _____

***Starred items denote skills that must receive a passing score.**

<u>Handler Skills</u>	Pass	Fail
1) Handler was adequately attired and equipped for conditions	Pass	Fail
2) Handler demonstrated the ability to obtain enough information from the briefing to adequately plan a strategy	Pass	Fail
3) * Handler acquired scent article correctly	Pass	Fail
4) Handler developed an appropriate strategy based on information acquired in the interview	Pass	Fail
5) Handler identified direction of travel utilizing available resources	Pass	Fail
6) *Handler debriefed the task	Pass	Fail
7) *Handler demonstrated basic radio procedures including courtesy, security, brevity, and use of the phonetic alphabet.	Pass	Fail
8) Handler was in tune with canine's needs	Pass	Fail
9) *Handler had adequate control over the canine	Pass	Fail
Canine Skills		
1) Canine stayed focused on search	Pass	Fail
2) Canine was refocused after being distracted	Pass	Fail
3) Canine searched effectively	Pass	Fail
4) *Canine made a self-directed find	Pass	Fail

Overall Score: Passed _____ Failed _____

Comments from Evaluators:

Comments from Handler:

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

(See back for additional information)

Urban Trailing Evaluation Form [Page 2]

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APPENDIX F

Wilderness Trailing Evaluation Form

Handler _____ Canine _____ Date _____
 Location _____
 Evaluators _____ and _____
 Weather Conditions _____
 Time Started _____ Time Completed _____ Scent Article Used _____
 Performed: on lead ___ off lead ___

***Starred items denote skills that must receive a passing score.**

<u>Handler Skills</u>	Pass	Fail
1) *Handler was adequately attired and equipped for condition.	Pass	Fail
2) Handler demonstrated the ability to obtain enough information from the briefing to adequately plan a strategy	Pass	Fail
3) * Handler acquired scent article correctly.	Pass	Fail
4) Handler developed an appropriate strategy based on information acquired in the interview.	Pass	Fail
5) Handler articulated the canine's indication. (off lead only)	Pass	Fail
6) Handler indicated direction of travel utilizing available resources.	Pass	Fail
7) *Handler debriefed the task.	Pass	Fail
8) *Handler demonstrated basic radio procedures including courtesy, security, brevity, and use of the phonetic alphabet.	Pass	Fail
9) Handler was in tune with canine's needs.	Pass	Fail
10) *Handler had adequate control over the canine.	Pass	Fail
Canine Skills		
1) Canine stayed focused on search	Pass	Fail
2) Canine was refocused after being distracted	Pass	Fail
3) Canine searched effectively	Pass	Fail
4) *Canine made a self-directed find.	Pass	Fail

Overall Score: Passed _____ Failed _____

Comments from Evaluators

Comments from Handler

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

(See back for additional information)

Wilderness Trailing Evaluation Form [page 2]

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APPENDIX G

CERTIFICATION PROCEDURES

The applicant must have satisfactorily completed all of the written and practical evaluations described in TEST METHODS.

Team Certification Application Instructions:

- a) The applicant, a state evaluator, and a group officer must sign the Application for Certification found in Appendix H and submit to the office of the State SAR Coordinator.
- b) Upon receipt of the completed documentation as required in Appendix H, the State SAR Coordinator will send confirmation of certification to the individual canine handler.
- c) Upon completion of all the requirements outlined in this document, the authorized team is eligible to respond as a certified “Virginia Trailing Canine Team”, on a State Mission with a valid mission number designation, as a representative of the group holding the MOU.

Conditions of Certification:

- a) Provided that all requirements are met, the team will be issued a certification by the Virginia Department of Emergency Management as a certified “Virginia Trailing Canine Team”.
- b) This certification does not constitute a license to practice the skills tested, but signifies only that the team holding the certificate has met an established basic standard of knowledge and performance and has demonstrated competency.
- c) The certification will be for the handler and canine (team) that completed the testing together. If the handler wishes to certify as a team with another canine, the entire testing procedure, with the exception of the written test and the 20-Acre Navigation Evaluation, must be repeated with the new canine.
- d) The certification will be valid as long as the group’s “Memorandum Of Understanding” with the state is in good standing, and as long as the team is in good standing and meets the requirements of its parent group.
- e) The parent group must promptly notify Virginia Department of Emergency Management of a change of status of any operational team member.

APPENDIX H**APPLICATION for CERTIFICATION****Commonwealth of Virginia Trailing Canine Team**

Handler's Name _____ Canine's Name _____

Group Affiliation _____ Date _____

Type of Test	Date Passed	Evaluator(s) Present
Written		
Canine Behavior		
Canine Obedience		
Canine Agility		
Field Skills		
Navigation		
Urban Trailing		
Wilderness Trailing ___ On lead ___ Off lead		

Dates handler completed the following: First Aid / CPR _____

FTM or Equivalent _____

Crime Scene Preservation Class _____

Does canine have all current immunizations required by his/her group? Yes ___ No ___

Applicant Signature _____ Date _____

Group Officer Signature _____ Title _____ Date _____

The team listed above qualifies as a Virginia Trailing Canine Team under these standards in knowledge and ability. Therefore, we recommend that the team be allowed to participate on searches as a state resource in the capacity of a Virginia Trailing Canine Team. On Lead _____ Off Lead _____

State Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

APPENDIX I
Re-Certification Trailing Evaluation Form

Handler _____ Canine _____ Date _____
 Location _____
 Evaluators _____ and _____
 Weather Conditions _____
 Evaluation: Wilderness _____ off lead ___ on lead ___ Urban _____
 Combination Wilderness / Urban _____
 Time Started _____ Time Completed _____ Scent Article used _____

***Starred items denote skills that must receive a passing score.**

<u>Handler Skills</u>	Pass	Fail
1) *Handler was adequately attired and equipped for condition	Pass	Fail
2) Handler demonstrated the ability to obtain enough information from the briefing to adequately plan a strategy	Pass	Fail
3) * Handler acquired scent article correctly	Pass	Fail
4) Handler developed an appropriate strategy based on information acquired in the interview	Pass	Fail
5) Handler articulated the canine's indication (off lead only)	Pass	Fail
6) Handler indicated direction of travel utilizing available resources	Pass	Fail
7) *Handler debriefed the task	Pass	Fail
8) *Handler demonstrated basic radio procedures including courtesy, security, brevity, and use of the phonetic alphabet.	Pass	Fail
9) Handler was in tune with canine's needs	Pass	Fail
10) *Handler had adequate control over the canine	Pass	Fail
<u>Canine Skills</u>		
1) Canine stayed focused on search	Pass	Fail
2) Canine was refocused after being distracted	Pass	Fail
3) Canine searched effectively	Pass	Fail
4) *Canine made a self-directed find	Pass	Fail

Overall Score: Passed _____ Failed _____

Comments from Evaluators

Comments from Handler

Evaluator Signature _____ Date _____

Evaluator Signature _____ Date _____

(See back for additional information)

Trailing Re-Certification Evaluation Form (page 2)

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for the user to provide their evaluation or comments.

APPENDIX J**APPLICATION for RE-CERTIFICATION****Commonwealth of Virginia Trailing Canine Team**

Handler's Name _____ **Canine's Name** _____

Group Affiliation _____ **Date** _____

Evaluators _____ **and** _____

The above team successfully completed the Re-Certification Evaluation on _____.

(Date)

Expiration date of handler's current First Aid / CPR certification: _____

Does canine have all immunizations required? Yes _____ No _____

Applicant Signature _____ **Date** _____

Group Officer Signature _____ **Title** _____ **Date** _____

The team listed above has successfully re-certified as a Virginia Trailing Canine Team under these standards in knowledge and ability. Therefore, we recommend that the team be re-certified as a state resource in the capacity of a Virginia Trailing Canine Team. On Lead ____ Off Lead ____

State Evaluator Signature _____ **Date** _____

Evaluator Signature _____ **Date** _____

APPENDIX K

PERSONAL EQUIPMENT

This list contains items that you are required to have to go into the field on a search.

- 1) Compass
- 2) Water
- 3) Whistle
- 4) First aid kit
- 5) Knife
- 6) Food - At least a day's supply for handler and canine.
- 7) Fire starter
- 8) Trash bags
- 9) Paper and pencil
- 10) Flashlight - with extra batteries

Suggested list of additional clothing and equipment is provided below.

- 1) GPS
- 2) Uncontaminated bag/box
- 3) Nylon cord or equivalent
- 4) Surgical gloves
- 5) Wind shell jacket with hood
- 6) Water resistant jacket or parka with hood. (Gore-Tex)
- 7) Rain pants or rain chaps - add gaiters for winter
- 8) Heavy *wool shirts or sweaters as required
- 9) Long underwear of *wool, silk, polypro or other suitable synthetic material - cotton thermal underwear is not acceptable
- 10) *Wool stocking cap or balaclava - a scarf is recommended if a stocking cap is used
- 11) Leather gloves with liners - mittens suggested for extremely cold weather
- 12) Backpacking or mountaineering boots appropriate to the terrain and conditions
- 13) Storm shelter: Tube tent, space blanket, lightweight tarp
- 14) Sleeping bag or similar sleeping pad, and a suitable shelter
- 15) Disposable camera

*Wool or a comparable fabric that retains insulating properties when wet. Down is not acceptable.

APPENDIX L

REFERENCE MATERIAL

Scent Training to Track Search and Rescue, By: Milo d Pearsall, Hugo Verbruggen: 1982 Alpine Publications Inc. ISBN 0-931866-11-1

*Search And Rescue Dog, American Rescue Dog Association: 1991
Howell Book House, ISBN 0-87605-733-4*

*Be Expert With Map & Compass, By: Bjorn Kjellstrom 1994
ISBN 0-02-029265-1*

*American Red Cross Pet First Aid, By: Bobbie Mammate. 1997
ISBN.1-57857-000-X*

Edition Mountaineering First Aid- a Guide to Accident Response and First Aid Care from American Red Cross, By: Jan d Carline, Martha Lentz, Steven Macdonald, 1996,

*Analysis of Lost Person Behavior, By: William G. Syrotuck, 2000
ISBN -10 0-97004-940-4
ISBN - 13 0-978-097004-940-7*

*The Power of Positive Dog Training, By: Pat Miller 2008 Second Edition
ISBN 978-0-470-24184-4*

Dog Friendly Dog Training, By: Andrea Arden 2000 ISBN 158-245-009-9

Guide to Search & Rescue Dogs By: Angela Eaton 2004 ISBN 0-7641-2418-8

Fun Nosework for Dogs By: Roy Hunter 2002 ISBN 1-888994-03-7

*On the Trail a Practical Guide to the Working Bloodhound and Other Search and Rescue Dogs
By: Jan Press 1998 ISBN 1-57779-005-7*

*A Practical Guide to Training and Working a Trailing Dog By: John Lutenberg & Linda Porter
Library of Congress No. TXU 1077388*

APPENDIX M

IMPLEMENTATION

In order for groups to be considered as Agents of the Commonwealth, all persons within a group, working in this discipline, must, at the very least, adhere to these minimum standards, and are encouraged to go above and beyond this level of training.

**The Virginia Department of Emergency Management Operations Division
will publish and maintain these standards**

Appendix N

Active committee members as of 8-16-2008

Terry Davis

Laurie Swain

Peter McClintock

Nathan Brown

Joanne Kuchinski

Cathy Dodgen

John Suitt