

## Official Rules - Annual Competition

1. All contestants shall be paid up members of the Alaska State Firefighters Association for the upcoming year, and verified by the committee.
2. Registration and participation in the annual conference is required for all contestants
3. Contest is to be entered by chapter name.
4. The Alaska State Firefighters Association will supply hoses, nozzles, bell, and stop watches.
5. Each chapter may enter only one team per event.
6. The Host Chapter shall furnish self-contained breathing apparatus and 24' ground ladder.
7. Any team member who is determined to be intentionally breaking the rules will disqualify that team for that event.
8. The competition Committee shall be required, at least six months prior to conference date, at the annual spring board meeting, to notify all chapters of specific equipment that will be used, and any changes to the rules that will be made to the events. (Turnout gear, breathing apparatus, procedural changes etc.).
9. Judges shall check all equipment before start of contest to see that it conforms to all rules.
10. Unofficial times shall be announced following each evolution.
11. Judges shall meet with Team Captains at least 24 hours before start of competition for clarification purposes.
12. Official protests shall be allowed only by Team Captains after completion of all events, and only within the first hour following completion of all events.

13. An 1 3/4" charged fire hose, with nozzle-men, and a large, dry chemical fire extinguisher, with operator, shall stand by the fire extinguisher competition for safety purposes.
14. Medical aid shall be provided on the drill grounds (A specific medical officer will be named prior to competition).
15. Prior to the contest, the competition committee shall make available for inspection all equipment to be used in all events.
16. Lubricants may not be used on competition equipment.
17. All contestants shall wear NFPA approved Personal Protective Equipment (PPE)/Full Turnouts at the time of manufacture for all events unless specified for individual event. PPE/Full Turnouts will include; fire ground boots, pants with liner, jacket with liner, Nomex hood (worn on the head, not just around the neck), fire ground leather gloves, fire ground helmet and eye protection (this can be helmet face shield or issued goggles). Failure of team members to wear PPE/Full Turnouts will result in disqualification for that event.
18. There will be a Safety Officer at all events. The Safety Officer will be neither a participant nor a judge in the competition. An event will not proceed until the Safety Officer has checked the apparatus and deemed it safe. The Safety Officer will monitor the activities of the individual events and will stop the event at any time an unsafe act or condition is observed.

# Fire Extinguisher Rules

## **Equipment:**

1. One five pound dry chemical fire extinguisher.
2. One section of a 55-gallon drum cut around the radius, approximately 18 inches high, with one quart of gasoline on the top of the water. Water is to be 6 inches from the top of the drum.
3. One firefighter in full turnouts.

## **Procedures:**

1. Fire will be ignited at starter's signal.
2. Starter will give the signal to firefighters after the fire has been allowed to burn for 15 seconds.
3. Firefighter with extinguisher shall run fifty (50) feet to the barrel and extinguish the fire in and around the barrel and firefighter must return back to the starting line.
4. The watch is stopped when the firefighter re-crosses the starting line.
5. Extinguisher pin may be pulled at any time after the starting signal has been given. Seal may be broken prior to starting signal.
6. Fire fighter must finish with the extinguisher in hand.
7. Firefighter shall test fire extinguisher prior to applying agent to the barrel.
8. No more than two (2) participants shall run at the same time. In the event of two (2) competitors, the fire shall be ignited simultaneously.

### **Fire Extinguisher:**

1. All extinguishers used shall be of the same make and model, and may be refilled on the spot if necessary.

### **Penalties:**

#### Specific Violation

#### Penalty

- |   |                  |
|---|------------------|
| 1. Not following procedures as written.               | Disqualification |
| 2. Incomplete   | Disqualification |
| 3. Jumping the gun or pulling the pin before the gun. | Restart          |

## Ladder Raise Rules

### **Equipment:**

1. One 24-foot metal ground ladder with inside guides and the halyard secured to a rung.
2. Full turnouts

### **Team Size:**

1. Four (4) member team.

### **Procedures:**

1. Ladder shall be placed on the ground 75 feet from the pole or suitable approved structure.
2. Firefighter No. 4 may not touch the ladder at any time until it is ready for the climb.
3. At the sound of the gun, Firefighters No. 1, 2 and 3 shall bend down from a standing straight up position, pick up the ladder and carry it to the pole or structure, placing the butt within one foot of the white line.
4. Ladder shall be extended to the last locking rung.
5. Halyard shall be secured by passing halyard around the second and third rungs, then tying a clove hitch with safety around the rungs. Halyard must be secured before Firefighter No. 4 begins climbing.
6. Firefighter No. 4 shall climb to the top of the ladder and ring the bell by the clapper to indicate completion of the climb.
7. Ladder must rest between safety stops.
8. All firefighters must wear full turnouts, to include eye protection.

## **Ladder Raise Drill Ground Specifications:**

1. Pole shall be of sufficient length to allow the following:
  - A Ladder to rest in it's fully extended, locked position, with the cross arm halfway between the first and second rungs, and with the heel of the ladder one-quarter of its length out from the pole.
  - B Bell to be mounted, with the clapper cord, three feet six inches (3' 6") above the top rung of the ladder (clapper cord to be twelve inches (12") in length with a knotted end).
2. A white line shall be marked on the ground to indicate the proper distance between the pole and the heel of the ladder.
3. Cross arm shall be a minimum 4" x 4" x 6' wood timber, well braced to prevent movement, with safety stops allowing only four inches side movement of the ladder. Cross arm shall not allow the ladder to rest on the pole.
4. Bell shall be ship's type with pole mount bracket. The Alaska State Firefighters Association Competition Committee shall supply bracket and bell.
5. Suitable safe structure may be used in lieu of pole.

## **Penalties:**

<u>Specific Violation</u>	<u>Penalty</u>
1. Not following procedures as written	Disqualification
2. Incomplete	Disqualification
3. Jumping the gun, or touching the ladder before the gun.	Restart
4. Extending the flies by means other than by the halyard.	Disqualification
5. Halyard not properly secured. (wrong knot)	5 seconds
6. Loose halyard line (ladder must not come down more than one rung).	5 seconds

7. The climber touches ladder before halyard handler's hands are clear of the secured halyard.

5 seconds

# Self Contained Breathing Apparatus

## **Equipment:**

1. Only approved equipment with no modifications. Minimum of one 30-minute Self Contained Breathing Apparatus with positive pressure regulator, and with all straps on harness completely loosened (shoulder, chest, waist straps).
2. Host Chapter shall furnish breathing apparatus, but a contestant may use his/her own. Participants may use their own air pack as used on their own rig, or they may use someone else's if they so desire.
3. Full turnouts except eye protection.
4. All airpacks will be supplied with an air tank containing a minimum of 30 minutes of air.

## **Procedures:**

Items 2 through 7 below may be done in any order, but all 8 items must be completed.

1. Run 75 feet to closed case and don full turnouts.
2. Open case and hang or place mask on or in the lid with hose end in case. (Note: The breathing equipment shall not touch the ground.)
3. Turn valve fully open to be within ½ turn of fully open.
4. Put tank assembly on.
5. Adjust tank high on back and snug down all straps so that there is no more than 2" clearance between body and straps and lock straps if so equipped.
6. Put mask on, adjust straps, and perform leak test.
7. Put helmet on w/visor down and hook chinstrap.

8. Place gloved hands over head to signify finish; hold position after time has stopped so judges can check apparatus for proper operation.

**Penalties:**

<u>Specific Violation</u>	<u>Penalty</u>
1. Not following procedures as written.	Disqualification
2. Incomplete	Disqualification
3. Jumping the gun.	Restart
4. Improper adjustments of mask, harness and belly strap (not within two inches of snug).	5 seconds
5. Dropped equipment.	5 seconds
6. Air hose connection not screwed down within one-quarter turn of snug.	5 seconds
7. Cylinder valve not open within ½ turn of fully open	5 seconds
8. Failure to perform leak test	5 seconds
9. Failure of contestant to remain in position for check, with all gear donned properly.	Disqualification

## Make and Break Rules

### **Equipment:**

1. Three 50 foot lengths of hose with 2 ½" couplings.
2. One 2 ½" nozzle.
3. One drill hydrant.
4. One hydrant wrench.
5. Full turnouts with helmet visor up.

### **Team Size:**

1. A team shall consist of three members.

### **Drill Ground Specifications:**

1. Drill ground shall be marked with a starting line, a turning line, hydrant wrench mark and hydrant mark.
2. The starting line and the turning line shall be 170 feet apart.
3. The hydrant wrench mark shall be five feet in front of the starting line.
4. The hydrant shall be ten feet in front of the starting line.
5. The Competition Committee shall supply all hose and nozzles. All contestants shall use the hose and nozzles supplied.
6. The Host chapter shall furnish two (2) hydrants.

## Procedures:

1. The drill shall be making and breaking of couplings of three 50 foot lengths of 2 ½" hose laid on the ground from the hydrant toward the turning line, including couplings on the hydrant and the nozzle.
2. At the starting signal, the first team member shall pick up the hydrant wrench, go to the hydrant and place wrench on the operating nut; remove hose port cap, couple first coupling to hose port on hydrant, and continue down the hose line making each coupling; attach the nozzle and place one foot over the turning line; start back down the line breaking the nozzle and couplings, and cross the finish line.
3. The second team member shall follow the same procedure, with the exception of the hydrant wrench and port cap.
4. The third team member shall do the same EXCEPT that hose port cap must be replaced and hydrant wrench carried across the starting line, at which point the time will stop.
5. Contestants shall make and break couplings the fastest way they desire.
6. Two make and break contests shall be run at the same time.
7. After judge has tested coupling, it will be backed off one-quarter turn by the judge.
8. Contestants must remain behind the starting line until preceding team member crosses the line.
9. Hose and coupling must lie flat on the ground after couplings are broken.
10. Nozzle shall be placed in the standing position.
11. Hand tight shall mean that the female coupling shall not turn more than one-quarter turn to bring it up tight to the gasket.
12. A coupling shall mean either male or female part, including the hydrant port cap.
13. A dropped coupling shall mean any coupling - male or female - or both, dropped from above the ankle.

14. Time shall be computed on official stopwatches for each line of hose.
15. Penalty points shall be subtracted from place score.
16. Judges shall test all couplings.
17. Intentional infraction of rules shall mean disqualification of team.

**Penalties:**

<u>Specific Violation</u>	<u>Penalty</u>
1. Not following procedures as written.	Disqualification
2. Incomplete	Disqualification
3. Jumping the gun.	Restart
4. Hydrant wrench falls from stem nut.	5 seconds
5. Any made connection more than one-quarter turn from snug (including nozzle and cap).	10 seconds
6. Each coupling that is not lying flat on the ground after breaking.	5 seconds
7. Any dropped coupling male or female, or port cap (male or female connected considered as one coupling).	5 seconds
8. Failure of team member to stay behind starting line.	5 seconds
9. Nozzle falls.	5 seconds
10. Failure of team member to pass one foot over turning line.	5 seconds
11. Failure of last team member to carry hydrant wrench over finish line.	5 seconds

## Alternate Event (First Alarm)

### **Equipment:**

Full turn outs

### **Procedures:**

1. Starter will give signal; firefighter will run 50 feet to turnouts and don them. (Turnouts will be laid out by the participant prior to the event in any manner he or she chooses.)
2. Firefighter will then run or walk an additional 25 feet to finish line. Upon crossing finish line, firefighter must raise both hands over his/her head to signify completion, at which point timekeeper will stop clock. Judges will then check to ensure that turnouts are on properly (i.e. Buttons buttoned, snaps snapped, helmet secured, hood and gloves on properly.)

General competition rules will apply to the event. Penalty rules as specified under the fire extinguisher section will apply except for number three (with omission of “pulling the pin before the gun”) and number four (with omission of “before the fire is extinguished”).

# Judging

# Judging Rules

## Judges:

Four impartial judges shall be appointed by the Host Chapter.

All judges' decisions shall be final.

There shall be three timekeepers (not judges) for each competing team.  
Official time shall be an average of the three stopwatches for each team.

## Points and Penalties:

The following are the number of points possible per event:

	<b>Event</b>			
	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>
Fire Extinguisher	50	35	20	5
Ladder Raise	100	85	70	55
Breathing Apparatus	50	35	20	5
Make and Break	100	85	70	55
Fun Event	No point value			

The Chapter with the greatest number of points shall be declared the winner of the competition, with second, third and fourth places in descending order.

To clarify the time-point system: When an event has been completed, the position of each team - that is, first, second, etc. - shall be determined by time. Trophies will be awarded to the team with the lowest time in each event. Points are awarded for the team position in each event. The overall trophy will be given to the team with the highest total number of points for all events combined, with 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> places in descending order. A disqualification in a team or individual event shall mean a score of zero for that event.

# Alaska State Firefighters Association Judge's Scoring Sheet

## **Fire Extinguisher** (50 possible points)

Chapter \_\_\_\_\_

Check appropriate line as penalties are incurred.

### **Violation**

Not following procedures as written	Disqualification	_____
-------------------------------------	------------------	-------

Incomplete	Disqualification	_____
------------	------------------	-------

Jumping the gun, or pulling the pin before the gun.	Restart	
--	---------	--

Total penalty	_____
---------------	-------

Time	_____
------	-------

Total time penalty	_____
--------------------	-------

Total after penalty	_____
---------------------	-------

Total team points	_____
-------------------	-------

# Alaska State Firefighters Association Judge's Scoring Sheet

## Ladder Raise (100 possible points)

Chapter \_\_\_\_\_

Check appropriate line as penalties are incurred.

### Violation

Not following procedures as written	Disqualification	_____
Incomplete	Disqualification	_____

Jumping the gun, or touching the ladder before the gun	Restart	
--	---------	--

Extending the Flies by means other than The halyard	Disqualification	_____
---	------------------	-------

Halyard not secured properly (incorrect knot).	5 seconds	_____
--	-----------	-------

Halyard line loose (top fly must not come down more than one rung).	5 seconds	_____
---	-----------	-------

The ladder climber touches ladder before halyard handler's hands are clear of the secured halyard.	5 seconds	_____
--	-----------	-------

Total penalty	_____
---------------	-------

Time	_____
------	-------

Total time penalty	_____
--------------------	-------

Total after penalty	_____
---------------------	-------

Total team points	_____
-------------------	-------

# Alaska State Firefighters Association

## Judge's Scoring Sheet

**SCBA** (50 possible points)

Chapter \_\_\_\_\_

Check appropriate line as penalties are incurred.

### Violation

Not following procedures as written	Disqualification	
Incomplete	Disqualification	
Jumping the gun	Restart	
Improper adjustment of mask, harness and belly strap (not within 2" of snug).	5 seconds	_____
Dropped equipment (Air Pack touches ground)	5 seconds	_____
Air hose connection not screwed down within One-quarter turn of snug.	5 seconds	_____
Cylinder valve not open within ½ turn of Fully open	5 seconds	_____
Failure to perform leak test	5 seconds	_____
Failure of contestant to remain in position With all gear donned properly for check.	Disqualification	_____
	Total penalty	_____

Time	_____
Total time penalty	_____
Total after penalty	_____
Total team points	_____

# Alaska State Firefighters Association Judge's Scoring Sheet

## **Make and Break** (100 possible points)

Chapter \_\_\_\_\_

Check appropriate line as penalties are incurred.

### **Violation**

Not following procedures as written	Disqualification	
Incomplete	Disqualification	
Jumping the gun,	Restart	
Hydrant wrench falls from the stem nut.	5 seconds	_____
Any made connection more than one-quarter turn from snug (including nozzle and cap).	10 seconds	_____
Each coupling that is not lying flat on the ground after breaking.	5 seconds	_____
Any dropped coupling male or female, or port cap (male or female connected considered as one coupling).	5 seconds	_____
Failure of team member to stay behind starting line.	5 seconds	_____
Nozzle falls.	5 seconds	_____
Failure of team member to pass one foot over turning line.	5 seconds	_____
Failure of last team member to carry hydrant wrench over finish line.	5 seconds	_____
	Total penalty	_____

Time \_\_\_\_\_  
Total time penalty \_\_\_\_\_  
Total after penalty \_\_\_\_\_  
Total team points \_\_\_\_\_