



2005 HILLCLIMB RULE BOOK

North American Hillclimbers Association

www.NAHAHillclimb.org



THESE RULES OF COMPETITION ARE INTENDED ONLY AS A GUIDE FOR THE CONDUCT OF THE SPORT PURSUANT TO UNIFORM REGULATIONS. RULES REGARDING OR RELATED TO SAFETY ARE PROMULGATED TO MAKE ALL PERSONS CONCERNED WITH SAFETY, BUT THE NAHA NEITHER WARRANTS SAFETY IF THE RULES ARE FOLLOWED NOR COMPLIANCE WITH AND ENFORCEMENT OF RULES. MOREOVER, EACH PARTICIPANT IN COMPETITION HAS THE RESPONSIBILITY TO ASSESS THE SAFETY ASPECTS OF FACILITIES AND CONDITIONS AND MUST ASSUME THE RISK OF COMPETITION.

The official website of the North American Hillclimbers Association is www.NAHAHillclimb.org. Rules, schedules, points, and other information are available on the website. NAHA Top 30 pros are expected to provide rider profile information to the NAHA Webmaster for posting on the website, and for purposes of promoting the sport of motorcycling. The NAHA Webmaster can be contacted by emailing Webmaster@NAHAHillclimb.org. Riders acknowledge that any and all material submitted to the NAHA may be used for promotional purposes.



TABLE OF CONTENTS

<u>CHAPTER</u>	<u>TITLE</u>	<u>PAGE</u>
1	COMPETITION RULES	4
	General	4
	Race Meets	6
	Race Rules	7
	Points	10
	Purse	11
2	RIDER & PIT CREW APPAREL	12
3	EQUIPMENT STANDARDS	14
4	OFFENSES, PENALTIES, PROTESTS AND APPEALS	18
5	OFFICIALS' DUTIES	23

CHAPTER 1 - COMPETITION RULES

A. GENERAL RULES

1. Participants

- a. Every club, association, company, promoter, rider and other persons participating in or otherwise associated with a NAHA race meet, are deemed to be participants and therefore bound by the NAHA Pro Rulebook.

2. Entries

- a. Each class entry is considered a separate entry.
- b. The top 30 pro riders for each exhibition class will automatically be qualified for that class. A top 30 pro rider cannot enter and compete in an amateur class at any NAHA sanctioned event.
- c. 0-700cc Exhibition and 701cc-Open Exhibition are the only professional classes. All qualifying and other classes are considered amateur or semi-pro.
- d. All pro qualifying classes will be allowed to use the same equipment as the pro class (i.e. paddle tires, any wheelbase, any fuel, etc.).

3. Pit Regulations

- a. Riding of competition motorcycles, other than on the hill or designated test area is strongly discouraged.
- b. Any operation of a vehicle in the pit must be at a very slow and acceptable speed.
- c. Tow vehicles for towing motorcycles to the staging area will be allowed and must be driven at a slow and acceptable speed.
- d. When a rider or mechanic is testing a motorcycle in a designated test area, that person must wear a helmet, boots and a chest protector.

- e. Before leaving a race facility, it is the responsibility of riders/teams to deposit all of their waste fuel, fuel drums, motor oils, coolants, tires, batteries and all other hazardous waste in proper hazardous waste locations only. Should containers not be available on-site, riders/teams must transport such materials from the facility for proper disposal.

5. Riders Meetings

- b. All riders entered in the meet must attend the riders meeting, which should be held at least 30 minutes prior to the official starting time.

7. Technical Inspection

- b. Technical inspections of motorcycles, equipment and riding apparel will be held prior to and after a race meet and at other times at the discretion of the Referee or Chief Technical Inspector.
- c. Only motorcycles having passed tech inspection will be allowed on the hill.
- d. The Referee may require post-race teardowns to begin 30 minutes following the completion of an event.

8. On Hill Regulations

- a. No rider may, at any time, ride in such a manner as to endanger life or limb of other riders, event staff (including hill workers), officials or the public.

9. Inclement Weather / Unacceptable Hill Conditions

- a. In the case of inclement weather or poor hill conditions, the Referee, one of the NAHA's Officers, and Promoter will determine a definite late starting time for the purpose of getting the hill in satisfactory condition, or for cancellation or postponement of the meet. Once a meet has started, the riders must be paid for all events run, and if at least 50% of the program has been run, it will be considered a completed program and the entire guaranteed purse must be paid. Entry fees will be reimbursed for classes that were not run.

10. Provisional and Official Race Results

- a. No official announcement of race results will be given until all scoring materials are examined and approved by the Head Scorer.
- b. Provisional results will then be posted and will become official if no riders request a recheck within 30 minutes of the posting of those results.

B. RACE MEETS

1. Hillclimb Meet Definition

- a. A hillclimb is a series of trials against time or distance on a designated course. The course shall consist of at least 2 but no more than 6 gates spaced a minimum of 15 feet apart in which a rider must pass thru for a complete run. The starting line will not be more than 30 feet or less than 20 feet from the timing line on the level surface at the bottom of the hill.

Hillclimb Classes

0-700cc Exhibition

701cc-Open Exhibition

License Requirements

NAHA

NAHA

Note: No amateur event can be run in conjunction with a professional hillclimb, unless approved by the NAHA.

C. RACE RULES

1. No practice is allowed on any part of the hill to be used within the thirty days prior to the event.
2. An electronic timing system must be used with light sensors at the starting line and finish line. A backup system is recommended. In the case of a malfunction, any other type of timing device or method can be used only with the approval of the Referee.
3. Timing Systems
 - a. If the timing system should fail to work for any reason, and the rider completes the course, he may take another ride any time within the next ten rides, or he may elect to score a footage measured at the finish line.
 - b. A rider must break the starting line timing light to qualify for any points.
 - c. If the starting line timing light is tripped, that effort will be considered a ride.
 - d. Two timing systems should be present at every event.
 - e. Timing systems must have a digital readout in view of spectators and riders.
4. A ride will end at the point in which the rider fails to cross between the two gate markers. A rider will be called out of bounds if it is necessary for a hill official to repair or replace a gate marker. Footage will be given to the rider at the point where the gate marker was hit.

5. If a rider does not finish the course, he will be given footage to the front axle at the point where his ride ended, or at the point where he lost control of the machine while inbounds.
6. Out of bounds rules will be defined by the Referee at the riders meeting. Riders deemed out of bounds based on these rules will receive footage at the point that they left the course.
7. All riders or riders' representatives will draw for riding positions. After the drawing, riding order will be posted in the pit area by rider number. Exchanging of riding positions is not permitted.
8. A rider must be ready when his name is called. The pit steward calls riders to the starting box, in drawing number order. Groups of ten riders will be called and their time starts when they are called. The rider will be given two minutes when the referee signals that the hill is clear. If he is not ready to make his ride at that time, he must leave the starting box. That rider is then given a fifteen minute grace period. The pit steward will log the rider's name and time the grace period began on the pit board. The rider must be ready to re-enter the starting box within fifteen minutes or that ride will be forfeited. The rider with the last number drawn in his class has two minutes in the starting box, plus the fifteen minute grace period if necessary.
9. No one is permitted to work on the hill without the permission of the meet Referee, including the rider who drew the number one starting position. The Referee will penalize any rider/mechanic working on the hill unless directed to work on the hill by the Referee. No rider will be allowed within 5 feet of the boundaries of the race course after the start of a race.

10. There will be two workers designated by the promoter or Referee to maintain and prepare the starting area. When notified by the Referee, the rider's two minutes will start and the rider and his mechanic may begin working in the starting area.

11. At all hillclimbs the number of rounds per class will be determined by the number of entries registered. The total number of rounds per class will be 2 or 3 as determined below.
 - a. If there are less than thirty total class entries registered, three climbs per class will be scheduled.
 - b. If thirty or more class entries are registered, two climbs per class will be scheduled.
 - c. A meeting of the Referee, promoter and riders representative will make this determination prior to the start of the meet. NAHA recommends 50 riders per class. No more than 60 riders per class will be allowed in the two exhibition classes (the top 30 NAHA pros will be pre-qualified in their respective classes). Each round will consist of the 0-700cc Exhibition class followed by the 701cc-Open Exhibition class.

12. The rider holding the fastest time after a complete round in any event may take his next ride on or after his drawn number. If his time is beaten he will have fifteen minutes to take his next ride (C5 rules apply).

13. In case of a tie, the riders' two (or three) scores will be added together. The rider with the lowest total time (or highest total footage if neither rider completed the course) will be declared the winner of the tie.

14. A rider must be on his machine or in control of it when he trips the timing light at the finish line. A rider is considered in control of his machine if he

has one or both hands on the handlebars. If two feet hit the ground on the same side of the bike, the ride is over and the footage will be marked at that spot. The Referee will appoint a knowledgeable person to be the assistant referee. The assistant referee will be placed at the finish line with a radio to the Referee to declare whether or not the rider was in control.

D. POINTS

1. When the results of NAHA championship races are declared official, points will be awarded in each class to the top 200 finishers according to the following schedule:

1st - 200 points	5th - 193 points
2nd - 197 points	6th - 192 points
3rd - 195 points	7th - 191 points
4th - 194 points	8th - 190 points...

...continuing down (in one point increments) as needed.

2. Points will accumulate for the calendar year.
3. The NAHA Champion will be determined in each class based on the total annual series points (accumulated from each event). In the event of a tie, the winner will be determined based on the number of wins during the series. Should it still remain a tie, the number of second-place finishes will be compared, then thirds, fourths, etc., until the tie is broken.

E. PURSE

1. Total purse for all NAHA hillclimb events shall be a minimum of \$15,000 for existing events and \$10,000 for first time events.
2. Total purse will be determined as follows:
 - a. All purse money will be paid only to the 0-700cc Exhibition and 701cc-Open Exhibition classes. 40% of the total purse goes to the 0-700cc Exhibition class and 60% to the 701cc-Open Exhibition class.
 - b. Qualifying classes will be qualifying only. No purse will be paid.
3. Purse will be paid to the top twenty finishers in both classes at all meets, using the following breakdown (percentages applied against the 40/60 split of total purse money):

1 st - 12.25%	6 th - 7%	11 th - 4.5%	16 th - 2%
2 nd - 10%	7 th - 6.5%	12 th - 4%	17 th - 1.5%
3 rd - 9%	8 th - 6%	13 th - 3.5%	18 th - 1%
4 th - 8%	9 th - 5.5%	14 th - 3%	19 th - .75%
5 th - 7.5%	10 th - 5%	15 th - 2.5%	20 th - .50%

4. Should there not be at least 20 registered riders in any specific class, the purse for the empty positions will be returned to the promoter.

CHAPTER 2 - RIDER & PIT CREW APPAREL

The following riding apparel must be worn by competitors in ALL events.

A. Helmet - DOT, Snell, or similar certification required

B. Chest Protector

C. Boots

D. Gloves

E. NAHA Pro Racing Logo

1. All riders should display the NAHA Pro Racing Logo on the upper front torso or shoulder area of their riding suit, jersey or chest/back protector.
2. NAHA stickers are available for purchase as advertised on our website at www.NAHAHillclimb.org. They may also be available for purchase at NAHA events.

F. Appearance

1. All riders and mechanics/pit crew must present a clean and neat appearance.
2. Only appropriately dressed persons displaying proper credentials will be allowed in the pit and starting areas.
 - a. Top 30 pro riders, mechanics and pit crew are required to wear team apparel or NAHA apparel in the pit and staging areas.

G. Jersey

1. 1. Jerseys must be long sleeve and must be made of a durable material that will help protect the rider.
2. Short or $\frac{3}{4}$ sleeves are not permitted.
3. When a chest/back protector is worn over the rider's jersey, the rider's name and assigned number should be visible either on the jersey or on the chest/back protector.

H. Pants

1. Must be full length and made of a durable material that will help protect the rider.

IT IS THE RESPONSIBILITY OF THE RIDER TO SELECT A HELMET AND APPAREL WHICH WILL PROVIDE APPROPRIATE PROTECTION. ALTHOUGH THE NAHA APPROVES MATERIALS, THE NAHA DOES NOT ENDORSE OR GUARANTEE THE PERFORMANCE OF SPECIFIC PRODUCTS OR MANUFACTURERS. RIDERS MUST RELY ON THEIR OWN JUDGMENT IN THE SELECTION OF HELMETS AND APPAREL FOR PROTECTION AND DURABILITY.

CHAPTER 3 - EQUIPMENT STANDARDS

- B. All hillclimb motorcycles must meet these requirements. In order to ensure compliance, motorcycles will be checked for adherence to these rules at the Referee's discretion.
- C. Failure to comply with equipment requirements as described in these competition rules at post-race inspections may result in immediate disqualification from that day's meet. Disqualification in this case will mean the forfeiture of all awards, prizes, and points earned in all events during that day's meet.
- D. Engines
1. Engines used in professional hillclimb meets must be either two or four stroke engines. No diesel, rotary, or other engine types are allowed.
 2. Engine Displacement/Measurement
 - a. Displacement = $B^2 (0.7854) HX$
B = Cylinder bore; H = Stroke; X = Number of cylinders
(bore * bore * 0.7854 * stroke * number of cylinders)
 - b. If bore and stroke are in millimeters, divide end product by 1,000 to convert to cubic centimeters.
 - c. If bore and stroke are in inches, multiply end product by 16.387 to convert to cubic centimeters.
 3. Any fuel is permitted.
 4. Any natural or forced induction system is permitted.

E. Handlebars and Controls

1. All motorcycles must be equipped with a functioning switch that kills the motor. The kill switch must interrupt the primary circuit and must be wired to ground out the ignition when activated. The switch must be mounted near the center of the handlebars and must be operated by a non-elastic tether of adequate length and thickness (maximum 24 in. extended length). Riders must have the tether attached to their person before entering the starting area, and the tether must remain attached during competition.

2. Motorcycles must be equipped with a self-closing throttle.

- F.** Where the rules permit or require components of equipment to be installed, replaced, altered, or fabricated, it is the sole responsibility of the rider to select components, materials and/or fabricate the same so that the motorcycle components will perform in competition properly.

- G.** NAHA Pro Racing stickers must be displayed in one corner of the number plates on all motorcycles.

H. Transmission

1. There will be no limitation on gearing or type of transmission on any 0-700cc Exhibition and 701cc-Open Exhibition motorcycles.

I. Brakes

1. All motorcycles must be equipped with an adequate and operating brake that directly affects the front and/or rear wheel.

J. Tires

1. Any type of rubber tire is permitted.

2. Rubber paddle tires made of solid rubber (no metal reinforcement other than standard bead) will be permitted for both Exhibition classes.

K. Number Plates

1. A rectangular plate or one of late model OEM design is required on the front of all motorcycles.
2. Number plates must be securely mounted in a workmanlike manner. They must be clearly visible and not obstructed by any part of the motorcycle or by the rider in riding position.
3. Minimum size of number plate will be 5" x 5".
4. Number plate colors:
701cc-Open Exhibition class: White background, black numbers
0-700cc Exhibition class: Yellow background, black numbers
5. Front and side numbers must be a minimum of 4" high and 1/2" wide. Numbers must be block style and created/displayed in a professional manner.
6. Only numbers and NAHA Pro Racing decals can appear on number plates. Series/team sponsor advertising may be allowed with NAHA approval.
7. Any rider/machine not conforming to the rules pertaining to number plates may be disqualified.

L. Measurement

1. There may be motor measurements taken at random during the year by the NAHA Referee.
2. The Referee will have the authority to disqualify any motorcycle that does not conform to the rules and may inspect any part of a motorcycle entered in competition at any NAHA-sanctioned meet.

M. If a rider's machine breaks or has a mechanical failure, the rider may elect to ride an approved bike from the same class to complete the race meet (upon approval from the race meet referee). Competitors will be required to have the proper numbers on the bikes they are competing on, even if borrowed.

N. Waste Oil Disposal

1. Waste oil must be deposited only in approved disposal containers, if available at the meet. If no appropriate disposal is available at the meet, riders are required to contain and remove the waste oil from the event grounds for proper disposal elsewhere. Under no circumstances are riders allowed to dispose of oil in any other manner.

O. Fire Extinguishers

1. Each race trailer will be equipped with a minimum of two fire extinguishers, preferably one at each end of the trailer.

CHAPTER 4 - OFFENSES, PENALTIES, PROTESTS AND APPEALS

A. GENERAL INFORMATION

1. Through the establishment and enforcement of appropriate rules and procedures, the NAHA strives to regulate the sport of professional motorcycle racing in the fairest possible manner. By participating in a NAHA meet, each participant agrees to abide by the NAHA's rules and procedures. In addition, NAHA licensed riders are held responsible for the actions of their crew members. As part of entering an NAHA race, a rider assures the NAHA that his/her crewmembers are NAHA members in good standing. All parties involved in NAHA professional races are expected to conduct themselves in a professional manner, respecting at all times the rights of others. Participation in NAHA sanctioned activities is a privilege afforded to license and event credential holders, and all such participants understand that violation of NAHA rules and procedures can lead to forfeiture of their competition licenses or event credential and other disciplinary actions as outlined herein.
2. Rules directed or related to safety are promulgated to make all persons concerned with safety, but the NAHA neither warrants safety if the rules are followed nor compliance with and enforcement of rules. Each participant in competition has the responsibility to assess the safety aspects of the facilities and conditions and must assume the risk of competition.

B. GENERAL OFFENSES AND PENALTIES

1. This section outlines actions which are deemed to be detrimental to the sport of motorcycle racing and which may result in a range of disciplinary actions. Unless otherwise specifically provided for in these

rules, the Race Referee may disqualify any rider, crew member or motorcycle from the balance of a race meet for violation of these rules, insubordination or other actions deemed in the sole discretion of the Race Referee to be detrimental to the race meet and/or the sport. Such disqualification includes the loss of any rights with regard to the event in question and may result in expulsion from the meet site. In addition, the Race Referee is empowered to levy fines and to recommend to the NAHA that a party or parties be suspended from participation in NAHA sanctioned activities. Unless otherwise specifically provided for in these rules, the NAHA is empowered to suspend from competition any rider, crew member or motorcycle for any period of time (one meet to an indefinite suspension) for violation of these rules, insubordination, or other actions deemed, at the sole discretion of the NAHA, to be detrimental to the sport of motorcycle racing. The NAHA is also empowered to, in addition to or in lieu of a suspension from competition, suspend a rider's eligibility to earn points from one or more events including, but not limited to, the event in which the rules violation took place. In addition, the NAHA is empowered to levy fines. The beginning and ending date of any such suspension will be as determined by the NAHA.

2. Any supplemental rules, regulations, instructions or procedures established by the NAHA for the purpose of implementing, interpreting or enforcing these rules will be deemed to be part of the rules.
3. The following offenses will be subject to disciplinary action by the Race Referee and/or the NAHA. This list is provided as guidance to licensed competitors and event credential holders but does not restrict the NAHA from imposing penalties for other actions detrimental to the sport which are not specifically detailed herein:

- a. Falsifying one's age or ability to meet any of the various eligibility requirements as set forth by the NAHA, or in general, competing or attempting to compete in NAHA sanctioned activities under false pretenses.
- b. Competing under a false name.
- c. Attempting to gain an unfair advantage in any way.
- d. Aiding, abetting, or otherwise knowingly engaging in any race in which the result is "fixed" or prearranged.
- e. Giving, offering, or promising, directly or indirectly, any bribes in any form to any person in an attempt to circumvent NAHA rules or procedures or to otherwise gain an unfair advantage.
- f. Accepting or offering to accept any bribe in any form from any person in an attempt to circumvent NAHA rules or procedures or to otherwise gain or give an unfair advantage.
- g. Failing to ride in a meet after entering without giving proper notice of non-participation.
- h. Engaging in a rider boycott, public protest or other similar concerted activity meant to stop, delay, or otherwise inhibit the start or completion or any portion of a NAHA professional event.
- i. Engaging in any unfair practice, misbehavior or action detrimental to the sport of motorcycling in general, whether or not related to a specific competition.
- j. An attack on an NAHA official and/or engaging in a fight. This includes any person who attacks or is involved in a fight anywhere on the premises prior to, during, or after an NAHA professional race. There will be no maximum fine or suspension period for this offense.
- k. Refusal to submit a machine for inspection. Any rider refusing to immediately surrender his or her machine to the Race Referee or his designee upon demand, or refusing to allow

examination or measurement of a machine's components, will be in violation of these rules.

- l. Failure to attend riders meetings.
- m. Riding at any time in such a manner as to endanger the life or limb of other riders, officials or the public.
- n. Any other act or actions deemed by a meet Race Referee or the NAHA to be detrimental to the sport of motorcycle racing and the American Motorcyclist Association.

C. PROTESTS

1. Unless specifically excluded herein, riders may lodge protests on any matter regarding an event in which they were a participant. Such matters may include, but are not limited to, the conformity of a machine with these rules or the eligibility of a rider.
2. Each protest must be made separately and in writing. Each protest must specify the violation of NAHA rules or procedures that is alleged, and must be accompanied by a filing fee. For a technical protest requiring measurement or teardown of an engine this fee is \$250. For all other visual and administrative protests the fee is \$50. The Referee will not accept verbal protests or protests which are not accompanied by the required fee.
3. All protests must be filed within 10 minutes of the completion of a round.
4. Final determination of the timeliness of a protest will rest with the meet Race Referee and such decision will be final to all concerned.

5. Protests will not be accepted which concern the decision of the scorer for an event with respect to timing and/or scoring or any recheck thereof by the NAHA.
6. In cases involving technical protests, the Race Referee will call for engine measurement or other needed examination following the conclusion of the race meet if it is impractical to do so prior to or during the event.
7. Any legitimate expense to which the Race Referee may be put as the result of a protest must be paid by the protesting party, and the Race Referee may require in advance a deposit from the protesting party sufficient to cover such expenses. If the protest is upheld, however, the protested party must reimburse such costs. The protest expense fee is not to exceed \$250.
8. If the Race Referee decides a protest in the favor of the protesting party, the Race Referee will refund the protest fee and forward his report in writing to the NAHA.
9. If the Race Referee decides a protest in favor of the protested party, the Race Referee will forward the protest fee to the NAHA along with his written report. However, in the case of a technical protest that involves the teardown or measurement of an engine, the protested party will be entitled to the protest fee.

CHAPTER 5 - OFFICIALS' DUTIES

A. REFEREE

1. The Referees of all meets will be appointed by the NAHA.
2. Duties of the Referee will include the following:
 - a. To determine that qualified personnel are assigned to those positions necessary to ensure the efficient conduct of the event.
 - b. Determine when the rider enters the starting box, the timer is ready, the hill is clear and then signals the rider to make his/her attempt.
 - c. Determine if all riders are properly qualified to negotiate the course and prohibit any riders not so qualified from competing.
 - d. Provide for technical inspection of equipment being used by the riders and bar any equipment that does not conform to equipment regulations.
 - e. Direct or oversee the activities of all other track and pit officials.
 - f. See that accurate time is kept for all races.
 - g. Render all decisions on disqualification of riders, and penalize any rider who violates any of the rules of the meet or the NAHA.
 - h. The NAHA and/or the referee are empowered to measure engines.
 - i. The Referee is empowered to make and enforce temporary regulations necessary to cover emergencies or special conditions (not covered in the rule book), including any unforeseen situation, for the betterment and in the interest of

the program. The Referee must consider all protests and appeals.

- j. The Referee will be responsible for the collection of all Referee and officials' fees and expenses, in cash, at the conclusion of the meet.

B. PIT STEWARD AND ASSISTANT PIT STEWARD

1. The duties of the pit steward and assistant will be as follows:
 - a. To notify riders to appear at the starting area in time for each event in which they are entered and assign proper starting positions.
 - b. Maintain neat, suitable and orderly pits for the riders to occupy and work in.