



## **2009 NASA-X National Rules** *(version 2.1, updated January 15, 2009)*

### **A- Order of Events**

1. NASA-X Regions may set their own entry fees. Nonmembers may be allowed at an additional cost of \$10.00 per event day. Registration shall take place through [nasapracing.com](http://nasapracing.com).
2. Car counts shall be limited so that no participant receives less than four timed runs per day.
3. Walk-up registrations may be allowed but pre-registration is encouraged and shall incur an entry fee discount.
4. Registration, Tech Inspection, Course Walk, Drivers Meeting, and Novice Meeting times are TBA per event/per site. Regions shall consider holding one event as two half-day events with separate timeframes for activities mentioned above. Registration & Tech shall be open for at least 1 hour. Course walking shall be allowed for at least 30 minutes.
5. One “drive thru” parade lap may occur after each run group or heat grids for the first time, behind a pace car at low speed, for course familiarization purposes only. If parade laps are not done, then each participant’s first run may be used for course familiarization purposes and not count toward the results.
6. Run groups or heats may be lined up by class or by car number.
7. Participants shall be made aware of their times after each run if possible.
8. Re-runs shall take place at the end of each run group or heat.
9. The work/run change-up break between each heat should be no longer than 15 minutes.
10. Work/run order shall be alternating for events with an even number of heats, i.e. “heat 1 drivers work heat 2, heat 2 drivers work heat 1.” Work/run order shall be staggered for an odd number of heats, i.e. “heat 1 drivers work heat 2, heat 2 drivers work heat 3, heat 3 drivers work heat 1.”
11. Participants are allowed to enter more than once for extra practice, specifically in a later run group or heat – i.e. “double fun runs” which are timed but not scored – for an additional regular entry fee. This may incur a double work assignment so it should be arranged around the work/run order.
12. All participants are asked to please stay and help clean up at the end of the day if possible.
13. Results shall be posted online and/or emailed to participants no later than 72 hours after the event.

## **B- General Rules and Info**

1. NASA-X events are open to any street licensed driver in any car that will pass technical inspection. Registered drivers under the age of 18 will need to be cleared to participate in advance by NASA.
2. Each NASA-X region should recognize the following Officials at each autocross: NASA-X Director, Event Director, Control, Safety Steward, Chief of Course Design, Chief of Registration, Chief of Technical Inspection, Chief of Timing & Scoring, Chief of Work/Run Assignments, Chief of Novices/Instruction, and Chief of Wristbands/Security. Multiple duties may be performed by the same person. Chapter may compensate Chiefs in any way they deem appropriate, but it is suggested that an entry fee and lunch be provided for them. Chiefs are responsible for their task's volunteer workers & assistants. Officials shall be professional, polite, and respectful at all times.
3. The speed limit anywhere on site but not on course is 3mph (walking speed.)
4. Alcoholic beverages are not permitted at any time.
5. Please leave with everything you brought to the site. Littering is prohibited.
6. Attending the Drivers Meeting and reporting for all work assignments are both mandatory activities. Failure to appear without the consent of the Event Director will result in a DNF for the event and exclusion from the results. Repeated failures to appear will result in a season-long suspension.
7. Everyone must sign the waiver and get a wristband immediately upon arrival, including spectators.
8. Non-participating passengers are only allowed if they have signed the waiver, possess a wristband from registration, and are helmeted and seat-belted as if they were a driver. Participating drivers are NOT allowed as passengers until after their own timed/scored runs have been completed for the day.
9. Fun runs should be provided if time allows at the end of the day. Only registered drivers in cars that passed that day's tech inspection are permitted to do fun runs. Passengers are allowed, even for Novice drivers. It is recommended that each participating region should donate fun run proceeds to charity.
10. Switching cars during competition is prohibited. In the event of a breakdown with access to another car, only the set of times in the original car will be counted (i.e. all further runs become timed but not scored.) The Event Director must approve any and all car changes during timed/scored runs.
11. It is the driver's responsibility to change numbers on the vehicle for multiple-driver cars.
12. A limited number of loaner helmets should be available for drivers at each event. Borrowers shall leave a drivers license at the timing table and return the helmet immediately after their last run.
13. Drivers shall immediately be held financially responsible for any and all damage they do to event equipment or property (including but not limited to: loaner helmets, timing sender/receiver boxes, timing cables, light poles, fences, etc.)
14. All participants, including crew and guests/spectators, shall behave in a respectful, orderly, and sportsmanlike manner at all times.

## **C- Tech Inspection**

1. After the drivers check in with registration, they shall report to tech where their cars will be inspected. Drivers may need to print out, fill out, and bring the tech inspection form located at the end of this document. Pre-tech inspection (the middle part of the form, and the middle signature/date at the bottom) is optional but strongly recommended.

## **D- Novices and Instructors**

1. Novice drivers shall be those who have completed six or less autocrosses in the 24 months prior to any event in question.

2. The only passengers Novice drivers may take on timed/scored runs are approved instructors.

3. If a Novice allows an instructor to drive his/her car during the novice's heat, that run counts against the novice's total laps and the time will be recorded as a DNF. It is the instructor's responsibility to notify timing and scoring before driving a Novice's car.

## **E- When On Course**

1. Open both front windows fully.

2. Come to a full stop after every run in the area designated at the drivers' meeting, then drive back to pre-grid at walking speed (3mph.)

3. If red flagged: Stop the car, wait to be told to proceed, finish the lap at half speed, and come back through the finish timer. Re-runs will be issued for all drivers affected by the red flag, but not the driver who caused the red flag.

4. Downed/misplaced cone: Stop and point at the cone, finish the lap slowly and get a re-run.

5. Cone penalties:

Knocked down and no longer upright = 2 seconds

Outside of chalk box (standing up or knocked down) = 2 seconds

Standing and touching box or still partially inside of box = no penalty.

Miss a gate or slalom = Off Course

6. Drivers shall be in control of their cars at all times - unsafe behavior on course is unacceptable and will be penalized harshly.

7. If a driver stops on course for any reason, he or she shall **stay in the car unless it is on fire.**

## **F- Classing, Timing, Scoring**

1. Lifted trucks, 4WD's, and SUV's are generally not allowed. Some sport trucks or minivans may be allowed on a case-by-case basis.
2. The nationally recognized NASA-X classes shall be R, U, S, A, B, C, D, E, F, G, H, and NOVICE. Proper car classing is the competitor's responsibility. The current NASA-X classing is available from <http://www.nasapracing.com/rules.html> .
3. Correct vehicle classing is the competitor's responsibility. Participating drivers may be required to provide or complete classing forms at any time during an event. If a car is deemed to be in the wrong class, the national staff and/or regional staff reserve the right to adjust or penalize at any time. Please refer to section G of this document for more information.
4. Regional classes may be adjusted accordingly (for instance rolling S/U/R into a catch-all "U" class, or rolling H and G into a catch-all "F" class) as long as the points-penalty system framework is kept.
5. The number of runs that shall count toward the results is TBA at or after each event, but shall always be at least 50% of the total number of runs. In case of partial heat delays or timing problems, the number of runs that shall count for everyone is the number of runs every driver in the affected heat completed OR the event may be declared a non-points/test & tune event after the fact.
6. The winner in each class at each event shall be the driver with the fastest adjusted lap time (i.e. including cone penalties.) Results may also be published by overall fastest times regardless of classing, but no championship points will be assigned for an overall finish.
7. Championship points will be assigned per the NASA CCR or a region's published scoring system.

## **G- Protests, Scrutineering, and Impound**

1. An official protest process shall be available to any registered competitor who wishes to challenge the conduct or vehicle classing of any other registered competitor at any time during, or within 2 hours after the close of, an event. Protest results shall be decided before final results are published.
2. Protests shall be made in writing directly to the Event Director. All protests shall be confidential.
3. Participating drivers and their registered vehicles may be required to report to Impound at any time during an event.
4. Drivers may be required to provide or complete classing forms at any time during an event.
5. Vehicle scrutineering may be ordered by the Event Director or Chief of Technical Inspection at any time during an event. Fees may apply to any significant compliance check or teardown, and are entirely the responsibility of the car owner/driver.
6. Penalties may range from a warning to disqualification to ejection to financial penalty, depending upon the severity of the offense.

## **H- Final Rules & Chain of Command**

NASA-X Regions are encouraged to publish additional Regional Supplemental Rules each season as well as Supplemental Regulations for each event. Failure to abide by rules set forth in any related document at any time shall result in minor (i.e. DNF for one run) to major (i.e. permanent ban) consequences depending upon the severity of the infraction.

NASA-X Rules shall be followed in this order, with each subsequent line superseding the prior one:

NASA-X National Rules & Classes  
NASA-X Regional Event Info & Supplemental Regulations  
NASA-X Written Communication with Registered Participants  
NASA-X Event Site Drivers Meeting (spoken or written)  
NASA-X Event Officials' Requests (spoken or written)

NASA Officials' Requests shall be followed in this order, with each subsequent line superseding the prior one:

NASA-X Regional Event Staff (non-chiefs/non-directors)  
NASA-X Regional Event Staff (chiefs/directors)  
NASA-X Regional Control, Safety Steward, or Event Director  
NASA-X Regional Director  
NASA-X National Director  
NASA Regional Director  
NASA National Staff

## **I- For More Information**

2009 NASA-X National Director is Jon Felton, [nasa-x@get-fast.net](mailto:nasa-x@get-fast.net) or 804-545-3949 or 804-397-FAST.

Participating NASA-X regions, rules, documents, and program details are linked from <http://www.nasaproracing.com>



# 2009 AUTOCROSS TECHNICAL INSPECTION FORM

Event Location \_\_\_\_\_ Date \_\_\_\_\_ Driver \_\_\_\_\_

Number \_\_\_\_\_ Class \_\_\_\_\_ Year \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_ Color \_\_\_\_\_

*All registered drivers need to print this form in advance, fill out the top portion, and sign/date it below.  
((( The pre-tech inspection and middle signature below are optional but strongly recommended. )))  
Give this form to the event tech inspectors, who will sign/date it at the bottom after inspecting your car.  
Sorry, there will be no entry fee refunds for cars that do not pass tech on event day!*

### WHEELS & TIRES

- \_\_\_\_\_ condition of tires
- \_\_\_\_\_ all lug nuts present & tight
- \_\_\_\_\_ no hubcaps or beauty rings

### BRAKES

- \_\_\_\_\_ pedal pressure
- \_\_\_\_\_ fluid level
- \_\_\_\_\_ pads/rotors/hoses (condition)

### STEERING & SUSPENSION

- \_\_\_\_\_ wheel bearings-front
- \_\_\_\_\_ wheel bearings-rear
- \_\_\_\_\_ steering play

### SAFETY EQUIPMENT

- \_\_\_\_\_ roll bars in convertibles
- \_\_\_\_\_ seat belts or harnesses
- \_\_\_\_\_ seats bolted tight
- \_\_\_\_\_ helmet (Snell 95 or newer)
- \_\_\_\_\_ covered battery inside cabin

### MECHANICAL

- \_\_\_\_\_ throttle return spring
- \_\_\_\_\_ fluid leaks (oil, fuel, water)
- \_\_\_\_\_ radiator overflow
- \_\_\_\_\_ radiator hoses (condition)
- \_\_\_\_\_ battery secured (no bungee cords)
- \_\_\_\_\_ battery terminals covered
- \_\_\_\_\_ look over (gas cap, loose wires, etc)

### MISCELLANEOUS

- \_\_\_\_\_ empty driver/passenger area
- \_\_\_\_\_ empty trunk (no jack/spare)
- \_\_\_\_\_ floor mats removed
- \_\_\_\_\_ numbers/classes 8" both sides
- \_\_\_\_\_ lights taped over (optional)

I take full responsibility for this car's condition while participating at this NASA autocross.

DRIVER SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

PRE-TECH INSPECTOR SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

EVENT TECH INSPECTOR SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

Notes/Comments: