

Arctic Alaska Region SCCA 2009 RallyCross Supplemental Rules

RallyCross events, sanctioned by the Arctic Alaska Region, will utilize the following **Supplemental Rules** for Arctic Alaska Region sanctioned **Winter Series RallyCross Season**:

Event Format: Prior to competition, Registration will take place for those who choose not to Pre-register, all participants must sign the Waiver and be issued an event credential, all vehicles will undergo a tech inspection, and all drivers and workers must attend the Driver's Meeting.

All efforts will be made to keep competitors in the same class in the same Run Group. One "Run" Group of the competitors will be required to work the course (as timing & scoring, safety stewards, starters, or course workers) while the other "Run" Group is competing. **All** competitors will be required to work. Failure to assist will result in your disqualification from the event and you may not be allowed to enter future Arctic Alaska Region sanctioned RallyCross events.

Competitors **may** be allowed to take a Parade Lap together (one big chain of cars), led by a RallyCross official and only at low speed. Those competitors who choose to increase their speed above the rest of the competitors, horsing-around or trying to gain an "unfair advantage" by testing the course at speed during the parade lap may (at the discretion of the RallyCross Event Chairman or the RallyCross Safety Steward) be disqualified for un-sportsmanship-like conduct! Competitors are encouraged to walk the course **prior** to the drivers meeting.

Due to the nature of "loose" surfaces, the course condition will change throughout each event. All efforts will be made to have course changes occur between runs to eliminate an "unfair advantage" to competitors, although, if a RallyCross Safety Steward requires a course change for safety reasons-it **must be** honored at that time.

Cars will be gridded departing Tech and the first car on course will be immediately following the Driver's Meeting. There will be a two runs per Run Group with a 30 Minute lunch break while the RallyCross Team will be reviewing the course for possible adjustments, and then resume with the final two competition runs of the day. The best 3-out-of-4 runs will count for the total time.

No Pets: Many of us have them and they travel with us. However, due to the restrictions at various sites we ask that you please make arrangements for the care of your pets off-site.

Viewing: We realize that you may want to bring your family and friends to watch the Event. Viewing areas are outside the fencing surrounding the Event site. Non-participants will not be allowed inside the fenced area.

Lunch: The Region will not be providing lunches at RallyCross Events. Muffins and beverages will be provided in the morning. There is a 30 Minute break provided for lunch which is not enough time to drive to a local restaurant and be back in time for the restart, so please plan accordingly and bring your lunch to the Event. Water will be provided for the competitors.

Number of Runs: Each event will have a minimum of **four** runs. On occasion, the Region may have an event that has additional runs at no charge. After all "timed" runs, there may be "exhibition runs" for those competitors at the event. They will cost \$2.00 each and appropriately credentialed individuals may ride along as passengers - helmeted, seat belts, and of course there must be a passenger seat! **Only those who competed during the event may drive on the exhibition runs.** During these exhibition runs, it is acceptable for competitors to drive/ride in other vehicles as agreed with fellow competitors. Competitors who participate in the exhibition runs **MUST** also assist in the events' clean-up of the site when these runs are completed.

Registration & Entry Fees: All competitors are encouraged to pre-register (versus "event morning" registration) at the official online registration site: www.motorsportreg.com for 2009 Rally events. This will aid our planning prior to the event. It is recommended that **ALL** competitors choose Pre-register to assist the Region in organizing quality events.

Entry fees will be **\$50 for SCCA Members** and **\$65 for SCCA Weekend Members**. The Weekend Membership fee makes you an SCCA Weekend Member, will give you a \$15 discount towards a full SCCA membership, a copy of "SportsCar" (our national magazine), a DVD about SCCA, and is valid for the all SCCA-sanctioned events held during that weekend.

Registration Options:

1. Wait and Register on Event Morning - \$50 and \$65

We have a cap of on entries – we may not take entries onsite!

2. Pre-Register Online AND Pay by midnight, on the Sunday before event - \$40 and \$55 — NOTE: For "The Eagle Has Landed" — this would be 12/7/08 11:59PM AKST. Your entry fee must be paid online (or mailed to SCCA, PO Box 220108, Anchorage, AK 99522 with a postmark not later than December 7, 2008).

3. Pre-Register after Sunday, Dec 7th and before Dec 12th and Pay online or at the event – \$50/\$65. While you won't save money, you will spend less time at Registration at the event and you will be helping the Region in planning adequate room for tech and pit areas!

Cancellation Policy: The Region is offering the following cancellation policy directly to all competitors. Refunds will not be made until the end of the Winter RallyCross Season, (March '09) or 30 days, whichever comes later. Also consult the MotorsportsReg.com terms.

Minimum Attendance Requirements: Events must have **10 paid competitors** seven days before the event, or the Region **may** choose to cancel the event. Inclement weather is also a reason for Stewards of Rally event cancellations.

Scoring & Series Points

The Region will score a minimum of **3** runs. Should the event allow for more than four runs, the worst lap time will be dropped. (i.e.: 4 laps=3 scored, 5 laps=4 scored, 6 laps=5 scored) Points for a series championship will be awarded for first position through sixth position: 9, 6, 4, 3, 2, 1, and 0.

Licenses: All drivers **must** present a valid drivers license at Tech Inspection. No special SCCA-issued license is required for RallyCross competition.

Waiver Forms & Minor Waiver: Competitors will be required to sign the official event Waiver (officially known as the Release and Waiver of Liability, Assumption of Risk and Indemnity Agreement). All competitors attending with **anyone** under 18-years-of-age must have the appropriate SCCA Minor Waiver signed by the Minor's parent(s) (as required) before entering the site (officially known as the Minor Release and Waiver of Liability and Indemnity Agreement). Event credentials will be issued and **ONLY** those individuals may be allowed in the pit and/or competition areas.

Photography: Video or still cameras **are not permitted** at course worker positions or other locations within the course area. The Safety Steward may grant exceptions for media relations purposes; however, permission may be given only if the location is acceptable to the Safety Steward and if the photographer is accompanied by a "spotter" to warn of approaching vehicles.

Penalties:

1. Any vertical cone or course marker that is knocked over or removed from its initial position will be penalized by a two second penalty added to the final course time for that run.
2. An **un-corrected** "off course" excursion will be penalized by receipt of a time for the run equal to the slowest run time for that run. "Off course" is defined as skipping a cone(s), going the wrong way around a cone(s), or otherwise not following the intended course.
3. An "off" will be penalized by receipt of a time for that run equal to the slowest time of the run plus 10 seconds. An "off" is defined as any vehicle that leaves the intended RallyCross course in such a manner that it needs assistance to be removed from objects such as, but not limited to, snow banks, ditches, berms, barriers, etc.
4. During scoring, an "off" will be entered into the penalty column until all vehicles complete that run/leg/stage. At the end of the run, a time equal to the slowest time plus 10 seconds will be entered.

Event Safety Requirements:

Helmets: Helmets are required and must meet the standards of Snell95SA, 95M or K95 or newer. Loaner helmets will be available, yet not all "sizes" are guaranteed to be available.

Seat Belts: All occupants of a vehicle **must** wear a seatbelt. This may be a stock seat belt or a competition belt or harness.

Roofs: All targa top, convertibles, or t-top vehicles must have the factory hard top and panels secure in place during runs.

High Center of Gravity vehicles (such as some full-size 4WD pickup trucks, SUV's and vehicles with lift-kits installed) may be allowed or disallowed at the discretion of the Region and their team of Safety Stewards and Tech Inspectors.

Tech Inspection: All vehicles must pass the Tech Inspection **during** the hours scheduled unless prior arrangements have been made with the Region.

Download the RallyCross **Vehicle Safety Inspection Checklist and the Tech Inspection Form** at the Region's website:

www.alaskascca.com

1. Present your vehicle at the Event posted time ready for inspection. Vehicles shall have mufflers, working seatbelts and NO leaking fluids, in addition to other items on the Tech Checklist sheet.
2. While competitors are responsible for ensuring their peers are in the correct class, the Tech Inspection Team will make efforts to assist new competitors in confirming their RallyCross class.
3. A competitor may submit a written protest to the Event Chairman prior to the start of an event should the competitors **not** be able to resolve the matter between themselves and the Tech Inspection Team.
4. Vehicles not licensed for highway use may be allowed to enter our RallyCross events.
5. Vehicles who have competed with the ASCC (Alaska Sports Car Club) are eligible given they pass tech inspection.
6. Noise is **always** a concern, and vehicles must be muffled; the RallyCross Steward or Tech Inspector may disallow a vehicle if deemed too loud for the site.

Class Structure: The Region will have four classes in the Winter RallyCross season. The Region may add additional classes as needed.
Stock-2W,
Modified-2W
Stock-AWD
Modified-AWD.

Stock Class: The Stock Class is just that—vehicles as produced by the manufacturer, or OEM, or Original Equipment Manufacturer. Vehicles include convertibles with a factory hardtop attached, targa-types with factory panel in place, or t-tops with factory panels in place. Allowed modifications for Stock Class are as follows:

Shocks/dampers: Shocks/dampers may be replaced with OEM or aftermarket replacement units intended for the specific year make and model used.

1. The spring perch must be factory welded to the damper or use the exact attachment method as OEM.
2. Adjustable dampers are only allowed if the OEM unit was adjustable and must retain the same number of adjustments or fewer as OEM.
3. Remote reservoir shocks are only allowed if they are exact OEM units.

Springs: Only stock, OEM springs are allowed. Lowering springs and coil-over conversions are NOT ALLOWED.

Brakes: Brake pad material is not restricted. Caliper and/or rotor upgrades are NOT ALLOWED. ABS and/or traction control systems may be electronically/electrically disabled but not removed.

Air Filters: Any air filter may be used, but it must fit in the stock location. Aftermarket intakes are NOT ALLOWED.

Exhaust: Exhaust systems from the catalytic converter back may be removed or replaced with the following requirements:

1. The exhaust must exit the body work.
2. The exhaust must exit to the rear of the driver.
3. The exhaust must comply with local noise restrictions (at the discretion of the Event Chair)

Tires: The Region's intent is that competitors can drive to the event in their vehicles with tires they use everyday and compete with those tires. Tires must be DOT approved. Snow tires are allowed. No studded tires are permitted unless ice or snow is present. Studded tires may not be homemade using bolts or screws. Only street-legal studs that are allowed by the State of Alaska in winter-don't get them over-studded—you will not pass Tech. "Aggressive tires" are prohibited. A tire will be considered an "aggressive tire" if it meets any of the following criteria:

1. It does not carry a DOT approval.
2. It is marked "For competition only", "Not for street use" or similar verbiage.
3. It is modified or altered from its original tread pattern in any way.
4. The tread gap of the tire is equal to or greater than 0.34" as measured in the space between tread blocks.

Wheels: Any type wheel may be used provided it complies with the following:

1. Wheels must be of the same diameter and width as the OEM wheel.
2. Wheel offset (backspace) must be within 0.375" (9.5mm) of the original equipment wheel offset.

Protective Equipment: The additions of protective equipment are allowed with the following exceptions:

1. The modifications must only provide protection to the car and/or occupants and provide no performance advantage.
2. Mud flaps may only be made of urethane and other flexible plastic derivatives (i.e. no carbon-Kevlar)
3. Skidplates protecting suspension and drivetrain components may only be made out of metal or plastic derivatives.
4. Driver restraints and roll cage may be added.
5. Additional or replacement hood and trunk latches are permitted. All latch systems must be secure.

Lights: Vehicle lights may be replaced with alternate bulbs and housing. Auxiliary lights may be added. The total number of lights shall not be less than standard.

Dress-Up Items: Dress-up and convenience items which do not give a performance advantage, reduce the weight of the car, or weigh less than the replaced standard part they are replacing are allowed (i.e. shift knobs, pedal covers).

Weight-Reduction: Not allowed beyond floor mats, stereo equipment, hubcaps, trim rings, spare tire and jack, etc.

Fuel: Fuel may be any type of unleaded or diesel fuel commonly available at the pump. Alternative fuels must be pre-approved by the event RallyCross Safety Steward prior to the event. No alcohol fuels or nitrous oxide are allowed.

Clutch: Any clutch disc or pressure plate may be used provided it fits all the other unmodified, stock components.

Modified Class: The Modified Class is for vehicles that do not fall under the Stock Class rules. Any Prepared or Modified vehicle as described in the latest SCCA National RallyCross Rulebook, will fall in this category. Any vehicle that has modifications over and above those allowed in the Stock Class will fall in this category.

Vehicle Safety Inspection Checklist

All vehicles must pass a Safety/Technical Inspection conducted by the Region's RallyCross Tech Inspector prior to being permitted to run on the course. A safety inspection is not concerned with class compliance. The competitor is responsible to determine his/her class designation.

Specific requirements are listed in the '08 SCCA National RallyCross Rulebook and include the following:

1. Cars should present a neat and clean appearance—no junkers allowed!
2. All loose items including fender skirts, wheel covers, trim rings and/or hubcaps must be removed.
3. All targa top, convertibles, or t-top vehicles must have the factory hard top and panels secure in place during runs.
4. Sunroofs must be fully closed unless the vehicle is equipped with a net at the opening and/or the driver is wearing arm restraints.
5. The driver's window may not be down more than 1" during runs unless the vehicle is equipped with a window net and/or the driver is using arm restraints. The same restriction applies to the passenger window if there is a passenger.
6. Wheels shall be safely affixed—wheels shall not be reversed so that the lughole taper does not mate with the chamfer of the lugs. All wheel studs and lugs must be present, secure, installed properly, and functional.
7. Windshield shall not be severely cracked, loose or otherwise damaged.
8. Bodywork shall not be loose, missing, or heavily damaged, i.e. holes, jagged edges, missing panels, etc.
9. Tires must be in good condition. No chord or belts showing or cracks in the tread or sidewalls. Studded tires allowed as long as they are studded for the street, no additional studs allowed.
10. Seat belts are required and must be in good condition. Installation of shoulder and lap belts is strongly recommended. Seat/shoulder belts must be installed properly with attaching hardware, secure and tight. Additional belts must be installed per the manufacturer's recommendation.
11. Non-stock 4, 5, and 6 point safety harnesses are acceptable and shall be installed per the manufacturer's specifications. All non-stock installations are subject to the final approval of the Tech Inspector.
12. Positive throttle return mechanism must be safe and positive.
13. No excessive fuel, oil, water or brake fluid leaks.
14. No steering wheel spinner knobs allowed.
15. Adequate brake pedal and fluid level in the master cylinder and no apparent hydraulic leaks and brakes shall be operational at all four wheels. The vehicle must also have a working parking/emergency brake system.
16. Wheel bearings, shocks, steering and suspension must be in good operating condition.
17. Door handles operable from inside and outside.
18. Muffler required, no leaks, exiting from under the body work at the rear of the car. NO NOISY EXHAUST!!!
19. The battery shall be attached to ensure that it will remain in place during competition. If a lead-acid battery (wet cell) is located in the drivers/co-drivers compartment, it must be equipped with leak-proof caps and enclosed in a non-conductive, marine type box. Dry cell batteries are not required to be in a marine box. The hot terminal must be insulated on all vehicles. All batteries must be securely attached to the primary structure of the vehicle.
20. Mud flaps and sump protection are recommended but not required.
21. Front/rear tow hooks are recommended, but not required.
22. Roll cages are recommended but not required. The Tech Inspector, Safety Steward and Event Chairman will make a determination regarding the safety of the design of all roll cages.
23. Sound monitoring may be required by the Event Chairman if deemed necessary during the event. Sound check procedures will follow the procedures established by the SCCA. Maximum sound level will be site specific.
24. Snell 1995 (SA95, M95, or K95) or newer labeled helmets are approved for use. This is a minimum standard for RallyCross competition.

**Sports Car Club of America — ARCTIC ALASKA REGION
2008 RallyCross Tech Inspection Form**

NAME: _____ CLASS: _____ CAR#: _____ E1 DATE: _____

DUAL DRIVER: _____ CLASS: _____ CAR#: _____ E2 DATE: _____

YEAR: _____ MAKE: _____ MODEL: _____ E3 DATE: _____

E4 DATE: _____

INSIDE

E1 E2 E3 E4

1. Snell 1995 (SA95, M95, or K95) or newer labeled helmet required.
2. Seat belts required in good condition. Installation of shoulder and lap belts is recommended. Seat/shoulder belts must be installed properly with attaching hardware, secure and tight.
3. Non-stock 4, 5, and 6 point safety harnesses installed per the manufacture's specifications.
4. No steering wheel spinner knobs allowed.
5. Adequate brake pedal and fluid level in the master cylinder and no apparent hydraulic leaks. Brakes operational at all four wheels. A working parking/emergency brake system required.
6. Roll cages are recommended but not required.
7. Spare tire safely secured or removed from vehicle.
8. All loose items removed from interior and trunk of vehicle.
9. Fuel tank properly attached, cap secure, no leaks.

OUTSIDE

E1 E2 E3 E4

1. All loose items including fender skirts, wheel covers, trim rings and/or hubcaps removed.
2. All targa top, convertibles, or t-top vehicles have the factory hard top and panels secure in place.
3. Sunroofs closed unless the vehicle is equipped with a net at the opening and/or the driver is wearing arm restraints.
4. The driver's window may not be down more than 1" during runs unless the vehicle is equipped with a window net and/or the driver is using arm restraints.
5. Windshield not severely cracked, loose or otherwise damaged.
6. Bodywork not loose, missing, or heavily damaged, i.e. holes, jagged edges, missing panels, etc.
7. Door handles operable from inside and outside.
8. Mud flaps and sump protection recommended, but not required.
9. Front/rear tow hooks recommended, but not required.
10. Sound monitoring/check procedures may be required by the Event Chairman if deemed necessary.....NO NOISY EXHAUST allowed.

WHEELS, TIRES, SUSPENSION

E1 E2 E3 E4

1. Tires must be in good condition. No chord or belts showing or cracks in the tread or sidewalls. Studded tires allowed as long as they are studded for the street, no additional studs allowed.
2. Wheels safely affixed—wheels shall not be reversed so that the lughole taper does not mate with the chamfer of the lugs. All wheel studs/lugs present, secure, installed properly, and functional.
3. Wheel bearings, shocks, steering and suspension in good operating condition.

ENGINE COMPARTMENT

E1 E2 E3 E4

1. Positive throttle return mechanism safe and positive.
2. No excessive fuel, oil, water, or brake fluid leaks.
3. Muffler required, no leaks, exiting from under the body at the rear. NO NOISY EXHAUST!!!
4. Battery attached so it will remain in place during competition. If a lead-acid battery (wet cell) is located in the drivers/co-drivers compartment, it must be equipped with leak-proof caps and enclosed in a non-conductive, marine type box. Dry cell batteries are not required to be in a marine box. The hot terminal must be insulated on all vehicles. All batteries must be securely attached to the primary structure of the vehicle.