Non-UTV SCCA RALLYCROSS TECHNICAL INSPECTION FORM

The driver is responsible for the safety of his/her vehicle. Neither the tech inspectors, event organizers, nor the sanctioning body will be held responsible for the safety of this vehicle. You should have a qualified mechanic check over your car and make certain everything is in good working order for an event such as this. Refer to the SCCA RallyCross rules for exact wording of the requirements referenced below.

DRIVER_____ **CLASS**_____ **NUMBER**_____

YEAR_____ **MAKE**_____ **MODEL**_____

Date of The Event_____

Vehicle Tech Items – In compliance with section 3.2 of the 2025 RallyCross Rules

Battery

☐Battery mounted in original location or securely mounted and in a non-conductive box if lead-acid. (3.2.N)

☐Battery secure with positive terminal insulated. (3.2.N)

Brakes

☐Adequate pedal feel/pressure. (3.2.K)

☐Sufficient brake fluid in master cylinder. (3.2.K)

☐No brake fluid leaks. (3.2.K)

☐Functioning parking/emergency brake. (3.2.K)

Convertibles/Targa/T-tops

☐Hardtop or panel securely in place. (3.2.C)

Engine and Drivetrain

☐Throttle must have quick and positive return. (3.2.H)

☐No major fluid leaks. (3.2.I)

☐No nitrous oxide or methanol/alcohol injection. (3.2.R)

Helmet/Driver Gear

☐Helmet meeting one of the standards listed in 3.2.P, with affixed sticker/label. Typically, SA2010 through SA2020 or M2010 through M2020. (3.2.P)

☐**Helmet Rating**: _____

☐Window nets or arm restraints if side windows are not present. (3.2.D)

Seats/Seat Belts/Interior

☐Lap belt minimum for cars. (3.2.G)

☐In good condition, securely mounted in accordance with manufacturers recommendations. (3.2.G)

☐All loose items removed from the passenger compartment and trunk - including floor mats not secured by a fastener. (3.2.A)

☐No spinner knob on steering wheel. (3.2.J)

Suspension and Steering

☐Wheel bearings in good operation condition. (3.2.M)

☐Ball joints are in good operation condition. (3.2.M)

☐Steering in good operation condition. (3.2.M)

☐Shocks/struts in good operation condition. (3.2.M)

Tires and Wheels

☐Tires in good condition with adequate tread. (3.2.F)

☐All lug nuts, wheel bolts/nuts present and installed correctly. (3.2.E)

☐Removed hub caps/wheel cosmetic accessories. (3.2.B)

Other

☐ Car number and Class properly displayed

Additional Required Tech Items – RallyCross Truck (RT) only

Manufacturer's Data

☐Gross Vehicle Weight Rating less than 6000. GVWR_____

Dimensions

☐Track width (as a ratio of height) is .95 or greater.

Average track is _____. Height is _____

Chassis

☐Ballast installed? ( )Yes / ( )No

☐If installed, each ballast plate is 50lb or less and attached by SAE Grade 5/Metric 8.8

I have inspected all the above on my vehicle or had it inspected by a qualified automotive mechanic and ***understand that if found in violation of these inspections I may be assessed a time penalty to my overall scoring for the day.***

Signature_____ ***Date***_____

3.2 VEHICLE/DRIVER SAFETY

All vehicles must pass safety inspection on the following points prior to competing. This applies at each event entered. Entry fees, if already paid, will be refunded if a car fails to pass the safety inspection. A safety inspection is **not** concerned with class compliance.

A. All loose items, inside and outside the vehicle (including the trunk and storage areas), must be removed. Hand-held items, including cameras and cell phones, are considered loose items.

B. Snap-on hubcaps, detachable fender skirts and trim rings must be removed.

C. Convertible, Targa, or T-top vehicles must have their hardtop or panels securely in place during course runs.

D. Sunroofs must be fully closed. The driver's window may not be down more than 1" during course runs unless the vehicle is equipped with a window net and/or the driver is using arm restraints. When required arm restraints must be worn and anchored according to their manufacturer's specifications. **(arm restraints CANNOT be used with 3-point seatbelts)** The same restriction applies to the passenger window if there is a passenger.

E. Wheels must be safely affixed. They shall not be reversed so that the lughole taper does not mate with the chamfer of the lugs. All studs and lug nuts must be present, installed correctly and functional.

F. Tires must be in good condition, with no cord or belts showing or cracks in the tread or sidewall. A space-saving wheel designated by a manufacturer for temporary low speed use and for transiting a short distance may not be used for competition regardless of the type of tire installed. The sum of the load index/rating for non-automotive tires must meet or exceed the weight of the vehicle including driver and passenger. No studded tires are permitted at National events unless ice or snow is present; Regional and Divisional events may allow studded tires any time. Studded tires may not be homemade using bolts or screws.

G. Seat lap belts are required in all vehicles. Installation of shoulder and lap belts is strongly recommended. Seat/shoulder belts must be properly installed with attaching hardware secure and tight. Competitors are required to wear seat belts when driving in competition. Additional belts must be installed per the manufacturer's recommendations.

H. Throttle return action shall be safe and positive.

I. No excessive fuel, oil, water or brake fluid leaks should be observed when the engine is running.

J. Steering wheel "spinner" knobs are not permitted.

K. Brakes must have an adequate pedal, sufficient fluid in the master cylinder and no apparent hydraulic leaks and shall be operational at all four wheels. The vehicle must have a working parking/emergency brake system or a transmission lock, such as park mode.

L. Physically disabled drivers may use alternate vehicle controls and preparation items appropriate for the nature of their disability. In the case of a driver using alternate controls, extra care should be taken to ensure that the driver does have adequate control of the vehicle and that the control mechanisms can stand up to competition use. A waiver from the SCCA® RXB is required for the use of such equipment at Divisional or National events. Requests will be handled on a case-by-case basis. The driver must make the Event Chairman and Event Safety Steward aware of the approved request prior to starting competition.

M. Wheel bearings, shocks, steering, and suspension shall be in good operating condition. All swing axle cars, except Porsche, must have a camber compensator, have negative camber on the rear wheels, or have axle-limiting straps. Standard pre-1967 Volkswagen straps are not sufficient.

N. All batteries (onboard power supplies) shall be attached to ensure that the battery and/or power supply will remain in place. If a lead-acid (wet cell) type battery is relocated from its original location, it must be equipped with leak-proof caps and enclosed in a non-conductive, marine-type box. Dry cell batteries, commonly known as Recombinant Gas (RG) or Glass Mat Technology (GMT) batteries, are not required to be in a marine-type box. The hot terminal must be insulated on all vehicles. All batteries shall be securely attached to the primary structure of the vehicle. All electrical cables, terminals, and switches must be securely fastened.

O. Roll cages are strongly recommended in all vehicles. If installed it is strongly recommended that roll cages be constructed according to the rules for stage rally competition used in other sanctioning bodies. Roll cages are required for UTVs.

P. Helmets must be worn by all drivers and passengers during competition. Helmets must be in good condition, fit properly, provide adequate peripheral vision and the chinstrap must be securely fastened.

- Helmets meeting the following certification standards are acceptable:
    i. **Snell** SA2020, SA2015, SA2010, SAH2010, M2020D, M2020R, M2015, M2010, K2020, K2015, K2010, EA2016;
    ii. **SFI 31.1** (2020, 2015, 2010), 41.1 (2020, 2015, 2010), 24.1 (2020, 2015, 2010);
    iii. **FIA** 8860-2018, 8860-2018-ABP, 8859-2015, 8860-2010.

Q. All vehicles must have adequate operable forward lighting to participate in night or low light events.

R. Nitrous oxide and methanol/alcohol injection systems are prohibited.

S. Cracks are permitted to the outside layer of the laminated windshield only. A windshield that has experienced object penetration and/or has deformation is not allowed. Any form of windshield separation or delamination from the body of the car is not allowed. The windshield must allow adequate forward visibility at all times to safely operate the vehicle