



Team O'Neil SCCA RallySprint



Supplemental Rules

September 12, 2015



Welcome to the Team O'Neil SCCA RallySprint. The SCCA recognized that currently there is a large gap in competition opportunities between RallyCross and stage rally. To fill that gap, the SCCA has embarked on a pilot program called RallySprint. RallySprint will provide intermediate steps between RallyCross and stage rally. The incremental steps provide competition opportunities with increased challenge and speed. The safety requirements and financial investments in equipment increase incrementally as well. Safety for competitors and teams, volunteers and spectators is of the utmost importance.

New England Region SCCA has taken on the challenge of organizing a second pilot SCCA RallySprint based on the success of the first one held in May. Many of the organizing team and army of volunteers are NER members. Our goal is to provide "affordable seat time" in a safe environment to practice and learn advanced rally-type skills.

These events also help the rally community by serving as training sessions for workers. Many volunteers are needed in the roles of control workers, scoring, radio communications, spectator marshals, course marshals. These events give new workers a chance to learn, and also gives experienced workers a chance to learn new positions.

As a pilot event, many of the procedures and rules have been created with safety and procedural soundness in mind. After the event, all aspects of the operation will be reviewed and changes will be made or suggested for future events. Constructive comments and criticism will be appreciated to improve the quality of future events.

Welcome,
Scott Beliveau
Chairman

1. Event Description:

Name: Team O'Neil SCCA RallySprint 2

Location: Team O'Neil Rally School, 178 Miller Rd, Dalton, NH

Event Date: Saturday September 12, 2015

Sanction: this event is sanctioned by the Sports Car Club of America (SCCA), and hosted by the New England Region (NER).

Insurance: this event is insured through the Sports Car Club of America (SCCA).

*This RallySprint is not part of any series or championship.

2. Purpose: The Team O'Neil SCCA RallySprint is designed to provide affordable seat time to New England's aspiring rally community. The RallySprint will also give new volunteer workers a chance to learn a position and experienced workers will have an opportunity to try new positions.

3. Supplemental Rules: This SCCA RallySprint is a pilot event. As such, many of the members involved in the organization of it are taking on new roles. If there are hiccups along the way, be patient with us. There is a revision number and date on the cover page. These Supps may be updated prior to the event. The revision number and date will be your verification that you are looking at the most recent edition.

4. Entry: Entry will only be accepted on-line through MotorsportsReg.com. Entry will be considered complete when all required entry forms and materials are submitted and payment in full is received.

4.1 Entry Schedule and fees:

6:00 PM	Thurs, July 23, 2015	Early registration opens	\$175/team SCCA members \$200/team non-members
11:59 PM	Fri, August 21, 2015	Early registration closes	
12:00 AM	Sat, August 22, 2015	Late registration opens	\$200/team SCCA members \$225/team non-members
11:59 PM	Fri, Sept 4, 2015	Late registration closes	
		Weekend Membership – required if not an SCCA member	\$10 per person

4.2 Payment: Entry fees will be collected electronically through MotorsportsReg.com . Credit cards for all entries received up to 8/22 will not be charged until 8/22. Entries received on or after 8/22 will be charged on the day of registration.

4.3 Refunds: Withdrawals before 8/22 will have no penalty. Withdrawals from 8/22 to 9/11 will receive a 75% refund if their vacated spot on the entry list is filled. If the entry is not filled after a withdrawal, no refund is guaranteed. Once a team starts the event, there will be no refund.

4.4 SCCA Membership: an SCCA membership affords teams the best entry fee. Either driver or co-driver, or both may be current SCCA members to receive the member pricing.

4.5 Non-SCCA entrants: Non-members (anyone that will be in a competition vehicle) must purchase a weekend membership for \$10 per person. This is in addition to the team entry fee.

4.6 License: Any person driving in the RallySprint must possess a valid driver's license from their home state. No other competition license is required.

4.7 Number of Entrants: The event will be limited to 30 teams initially while details are being finalized. This limit may be raised. A team consists of a driver and a co-driver. A team is not officially entered until all required entry forms and materials are submitted and payment in full is received. A "wait list" will be maintained in the case of withdrawals, using the registration date and time to set the order. Two teams may use the same vehicle. **(Limit raised to 35 teams 8/21)**

4.8 Entry Paperwork:

4.8.1 for an entry to be considered complete, the following must be submitted:

- fees: entry, weekend membership – submitted on-line
- required driver, co-driver and crew information –submitted on-line

- rally vehicle information

4.8.2 Other: drivers may send electronic verification of driver's license, or be prepared to show at registration.

4.8.3 Waivers: all team members and crew must sign the required waivers upon entering the property.

Anyone under the age of 18 must have a minor waiver completed by parent/guardian.

5. Organizing Committee:

Chairman:	Scott Beliveau	beliveau@aavid.com	603.455.2791
Registrar, Ast Chair:	Kathy Moody	rallykat158@yahoo.com	603-616-1195
Safety Steward:	Warren Elliott	welliott@snet.net	
Control Captain:	Matt Kennedy	rallye44@comcast.net	603-355-7920
Spectator Captain:	James Kramlich	jrkramlich@maine.rr.com	
Communication Chief:	Roger Borlase	rborlase@gmail.com	978-509-7550
Scrutineer:	Don Taylor	shelbyeast@aol.com	603.543.7456
Sweep Captain:	Tim Bright	timothy.j.bright@gmail.com	207-400-1770

6. Event Schedule:

Friday September 11, 2015

6:00 PM to 8:00 PM – scrutineering at Walmart in Littleton.

Saturday September 12, 2015

7:00 AM – gates at Team O'Neil open, main entrance

7:05 - 8:30 AM - Registration and scrutineering open (early is best!)

9:00 – 9:30 AM – Recce for Brook Rd Stage

9:30 AM 12:30 PM – morning stages

12:30-1:0 PM – Service/lunch

1:00-1:30 PM – Recce for PM stages

1:30-4:30 PM - Afternoon stages

~5:00 PM – awards and departure

7. Timing: stage timing will be in minutes and hundredths

8. Special Stages: There will be two or three distinct stages, run multiple times.

8.1 Brook Rd Stage: length is ~ 2.0 miles

8.2 Long Way Stage: length is ~2.5 miles

8.3 Gravel Pit Stage: length is ~2.5 miles

9. Competition Classes:

7.1 AWD Open: Vehicles are AWD with supercharged or turbocharged engines. These vehicles would normally compete in Rally America "Open" and NASA "Open AWD Heavy" classes. The appropriate restrictors must be used (34mm).

7.2 AWD Limited: Vehicles are AWD, normally aspirated with maximum displacement of 2650cc for overhead cam engines and 3313cc for pushrod engines. These vehicles would normally run in Rally America "Open Light" and NASA "Open AWD Light" classes.

7.3 2WD Open: Vehicles are 2wd, normally aspirated over 3080cc, supercharged or turbocharged. These vehicles would normally run in Rally America "Group 5" and NASA "Open 2wd Heavy" classes.

7.4 2WD Limited: Vehicles are 2wd, normally aspirated with maximum displacement of 3080cc. These vehicles would normally be run in Rally America "Group 2" and NASA "Open 2wd Light" classes.

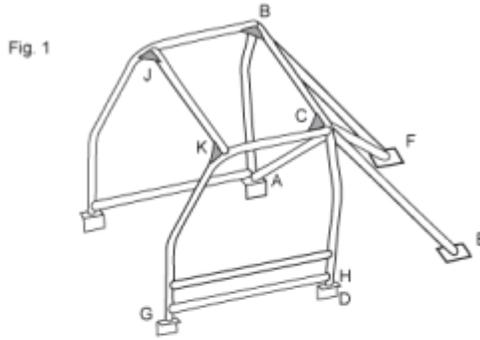
10. Log Books: All cars entering this event must be log booked through Rally America or NASA. If log booked through another organization, you must contact the Chief Scrutineer for approval.

10.1 Issuing of Log Book: Due to the compressed schedule for this event, there will be no inspection sessions to issue

log books.

11. Required Vehicle Safety Equipment: The following are the minimum safety requirements for the vehicle. It is

expected that safety equipment is installed in a manner consistent with manufacturers' intent.



11.1 Cages: In the instance that a vehicle is older, but still log booked, all cages, regardless of log book must have rear diagonal bars and 2 door bars (configurations may vary). See diagrams below. For questions regarding cages, contact the scrutineer.



LEGEND

A, B, C & D Main Hoop

B, F & C, E Rear Bars

C, A Diagonal Lateral Bar

C, F Diagonal Rear Bar

G, H Side Sill Bar

J, K Front Gussets

B, C Rear Gussets

11.2 Padding: Any portion of the roll cage which could come into contact with the driver or co-driver's helmet during competition, including all bars in the plane of the roof and forward of the main hoop, shall be covered with energy absorbing material compliant with either the SFI 45.1 specification or FIA Standard 8857-2001 Type A. **(NOTE:** this was an issue with a number of cars at the first event. If you're not sure how much to cover, covering more is better than not covering enough. There will not be padding available in the area. Don't be failed at tech for this!)

11.3 Seats: Driver and co-driver seats shall be firmly mounted to the structure of the vehicle and be installed per the manufacturer's recommendations. Seats must be intended by their manufacturer to be for competition use.

11.4 Harnesses: All vehicles shall be equipped with a five-, six- or seven-point occupant restraint (harness) system meeting the specifications below for both the driver and co-driver. All harness systems shall be capable of releasing with only one latch. These harnesses shall be worn at all times while driving or co-driving. B. Harnesses shall meet the requirements of FIA Standard 8853/98 and/or be SFI 16.1 or SFI 16.5 licensed and shall be labeled accordingly.

11.5 Emergency Triangle: each vehicle will carry a minimum of 1 safety triangle within reach. 3 triangles are suggested.

11.6 Fire extinguishers: One fire extinguisher with a minimum UL rating of 10 BC or two each with a minimum rating of 5 BC must be installed inside the passenger compartment. One fire extinguisher must be located within easy reach of the driver or co-driver when seated. Extinguisher brackets must be metal.

12. Scrutineering: Vehicle and personal safety equipment must be inspected and approved before any vehicle or person may begin competition. A "Tech Form" is included in the Appendix to assist teams be properly prepared.
12.1 Friday night Tech Inspection: For those arriving in the north country early, there will be a Friday night Tech inspection. This is not mandatory. Teams passing Tech on Friday night will not have to be at Tech on Saturday morning.

Time: 6:00 – 8:00 PM Friday, September 11.

Location: Walmart Parking Lot, Littleton, NH. This is off Exit 42 of I-93. Please send a note to me at Beliveau@aavid.com if you plan to attend Friday night stating what time you plan to arrive. If an overwhelming number are planning to attend, it will be on a first come first serve basis. Those not through tech by 8:00 PM will have to attend Saturday morning Tech.

13. Required Personal Safety Equipment: The following items are required for all drivers and co-drivers:

13.1 Helmets: All drivers and co-drivers competing must wear helmets that meet one of the following standards:

13.1.1 Snell SA2005, SA2010 or SA2015

13.1.2 Snell SAH2010

13.1.3 SFI Spec 31.1/2005 or newer

13.1.4 FIA 8860-2004

13.1.5 FIA 8860-2010

13.1.6. British Standard 6658-85 Type A/FR, including all amendments will be valid for 10 years from the date of manufacture. If no manufacturing date sticker exists, the helmet will be considered expired.

13.2 Head and Neck Restraint Device: Head and neck restraint systems are required for all competitors. These systems shall be mounted per the manufacturer's recommendations. The head and neck restraint system must meet at least one of the following:

13.2.1 Certified to FIA 8858-2002.

13.2.2. Certified to FIA 8858-2010.

13.2.3. SFI 38.1 licensed. SFI 38.1 licensing requires a SFI 38.1 conformance label that is less than five years old.

*See notice regarding counterfeit safety equipment in the appendices.

13.3 Driving suit: All drivers and co-drivers competing must wear driving suits that conform to one of the following standards:

13.3.1 FIA 8856-2000

13.3.2 FIA 1986 or

13.3.3 SFI 3-2A/5.

13.3.4 SFI 3-2A/1 driving suits are also permitted if worn with approved fire resistant underwear.

14. Vehicles:

Since public roads will be used for the transits, all competition cars must be registered, inspected if necessary, and insured.

15. Stage and Transit Notes:

15.1 Jemba style stage notes will be provided for the stages, included in entry fee. They will be prepared by Team O'Neil. For those not familiar with Jemba style notes, an internet search of "Jemba stage notes" will return several resources. (P-sport is a good one)

15.2 Transit notes will be in tulip format. Transits will involve driving on public roads.

15.3 Stage and transit notes will be in the same book, the "route book".

15.4 Route Books will be available Friday night at tech and Saturday morning at registration.

15.5 One Route Book will be issued per team.

16. Recce: There will be one pass recce for each stage. Recce may be done in the competition car if necessary. Recce

will be parade style, with approximately 30 seconds between cars. Max speed during recce is 30 MPH. This is not a practice run. If 2 teams are sharing a competition car, one of the teams must make arrangements to recce in a another car as there will only be one recce group per stage

17. Car numbers: Each competitor may choose his/her car number. In the case of duplicate numbers, an SCCA membership will provide priority in choice. If neither entrant is an SCCA member, the first entrant registered will have priority.

17.1 Car numbers are not supplied by the event and are the responsibility of the entrants.

17.2 Numbers: Car numbers should be 8" tall and 1.25" brush width minimum.

18. Service:

18.1 General: The service area will be crowded. Please keep your area as compact as possible.

18.2: Ground cover: a tarp should be placed down under the vehicle before performing any work.

18.3 Trash: This is carry in – carry out. Do not leave garbage around, including cigarette butts.

18.4 Repairs: Jacking of vehicle:

18.4.1 Jack stands will be used any time more than one wheel is off the ground during service.

18.4.2 A jack stand will be used if only one wheel is off the ground and a crew member is under the car.

18.4.3 Penalty for failing to abide is 5 minutes per offense

18.5 Service vehicles: Only one service vehicle per team will be allowed in the service area. All other vehicles shall be parked in the parking area behind the office/garage.

19. Fueling:

19.1 Teams should bring enough fuel to run the day. There is no fuel availability on the Team O'Neil site and there is not time to leave to get fuel.

19.2 All fueling will take place in the designated fuel depot area (consistent with stage rally rules).

19.2.1 While fueling, a team member must be at the vehicle being fueled with a fire extinguisher.

19.2.2 Penalty for failing to abide is 5 minutes first offense, disqualification upon second offense.

19.2.3 No smoking cigarettes or any other matter in or within 50 feet of the fuel depot.

20. Sweep: There will be two sweep vehicles. In the case of an incident, a sweep vehicle may be dispatched to clear the road. Disabled vehicles will be dealt with as necessary, when time allows.

21. Competitor meeting: All drivers and co-drivers will attend the competitor meeting at 8:30.

22. Observation Controls: "O" Controls may be used, generally to check speed during transit. If you encounter a "STOP" sign board during a transit section, you must stop at the control.

23. Chicanes: There will be chicanes used on the stages. The intent of the chicane is to decrease your speed before a dangerous area of the course, or to keep the overall speed in check. The penalty for hitting chicane features will be 30 seconds per item in the chicane that is displaced. Think of the chicane features as trees....don't hit them.

24. Transits:

24.1 All transits shall be considered Quiet Zones.

24.2 There will be NO SPEEDING. Local authorities will be aware of the event and may have radar in use.

24.3 Penalties

24.3.1 Any team deemed speeding by the O Control worker, in excess of 5 mph above posted limits, will receive a 30 second penalty for each mph beyond 5 above the limit.

24.3.2 Any team issued a citation for speeding will be immediately removed from competition for the remainder of the event. In the case of an infraction on the final transit, a dnf for the event will be issued.

- 25. Event Decals:** There will be mandatory event decals supplied at tech. You will be instructed on where to place them. Any decals from rally schools other than Team O'Neil must be removed or covered (The Firm, Dirtfish).
- 26. Food and beverages:**
- 26.1 Food: Teams should bring their own food for the day. There is no food service on the Team O'Neil site and there is not time to leave to get food.
- 26.2 Beverages: Teams should bring their own beverages for the day. There is no consumption of alcoholic beverages before or during the rally sprint.
- 27. Spectating:** All persons attending the Rally Sprint will follow instructions of the marshals. Team members and crew members have no special viewing privileges and must spectate only in approved areas. All spectators must sign a waiver to enter the property. Anyone under the age of 18 must have a minor waiver completed by parent/guardian.
- 28. Lodging:** there are multiple options in Littleton, Whitefield areas. No special deals have been made for the event. Search the web.
- 29. Results:** Final results will be posted to the NER.org and teamoneil.com web pages.
- 30. Awards:** Awards will be presented to the top team in each class as a minimum.
- 31. Radio frequencies** for event: primary: 146.43, no tone backup 146.55, no tone

Appendices:

- A. Incident procedure:
- B. Tech sheet:

Appendix A. **ON-STAGE EMERGENCY PROCEDURES**

(this procedure is consistent with Rally America and NASA)

1. If a competition vehicle stops on a stage:

- a. the team must display the OK sign if they are in fact OK to all passing teams. If a team member is injured and needs medical assistance, the RED CROSS must be displayed.
- b. the team must immediately put out triangles
- c. the team must ensure the vehicle does not prevent the passage of other vehicles.

Warning triangles are to be placed on the same side of the road that the vehicle is stopped on. It's expected that triangles will be placed within 30 seconds of knowing the vehicle will not continue. One triangle should be placed at or on the stopped vehicle. A second triangle approximately 150 feet back towards the start of the stage, and the third approximately 300 feet back. Take corners or crests into consideration when placing the triangles. The goal of using triangles is to alert approaching teams of danger; place them so they're visible in advance.

2. A team that is able to continue on the stage after stopping must remove all warning triangles before continuing on the stage.

3. If an incident has occurred and the team is still in the car, triangles are not displayed and no OK/+ sign is displayed, the first team to arrive must STOP. The arriving team should evaluate the situation, and if necessary display the Red Cross and triangles and render assistance to injured competitors.

4. The second team to arrive, seeing a Red Cross, shall stop and get an accurate assessment of the situation and condition of the people, and the location. They should then continue on the stage to the next radio point. This may be a mid-point on the stage, or the stage finish. Mid-point radio locations should be noted in the route book. Information regarding the incident and emergency needs should be given to the radio personnel.

5. Upon notification of the Red Cross situation, the stage will be immediately stopped and medical personnel dispatched from stage start with a radio operator to communicate necessary information.

6. Once the Red Cross is displayed, it must remain displayed. All following competitors must stop and render assistance as needed. Unnecessary teams should then continue to the finish of the stage at transit speed.

7. After the situation has been cleared, the workers at the start control will inform competitors as to how to proceed. At this time, the Red Cross should be removed from the accident scene.

8. The driver of any vehicle involved in a rally related accident resulting in personal injury or property damage must fill-out an Incident Form.

9. If a team has crashed and is not visible from the stage road, or leaves the stage road, and does not require medical assistance, they must still show the OK sign to all passing teams.

Note: An "OK" situation may change to a RED CROSS situation. The above procedures are to be followed beginning with the display of the RED CROSS sign.

Safety First!

Appendix B. Tech Form

Event:			Car #		Class:	2WD Open	2WD Lmt	AWD Open	AWD Lmt
Driver:			Make/Model:						
Co-driver:			Vin #:						
Personal Safety Equipment									
			PASS	FAIL				PASS	FAIL
Driver Helmet					Co-Driver Helmet				
Driver Suit					Co-Driver Suit				
Driver Head and Neck Device					Co-Driver Head and Neck Device				
Logbook					Vehicle Interior Compartments				
RA 5.5, NASA Spec, or cage cert					Roll cage legality				
Logbook deficiency repaired:					FIA or SFI roll cage padding				
Shop Manual				N/R	floor pan and firewall, no holes				
Vehicle Front End					Door structure or impact panel				
Parking Lights					Restraints , SFI- 2yrs, FIA-5 yrs				
Headlights high/low beams					Seats securely fastened				
Directionals					Rear view mirror				
Windshield wiper and washer					battery, battery box, + post cov'd				
Horn					Fuel tank or fuel cell				
Hood pins					Fuel lines, pump				
Towing eye					Fuel cell bulkhead				
Vehicle Rear End					*Fire Extinguisher: 10B:C min				
Tail lights					re Suppres On-board: 1x 10B:C				
Brake lights					3 DOT triangles, 1 w/in reach				
Directionals					First Aid kit				
Reverse lights					Tow rope/strap				
License plate lights					Environmental spill kit				N/R
Tow eye					Engine Compartment				
Exterior of Vehicle					battery secure, boxed if required				
Neat and clean					Fuel test port				N/R
Windshield - safety glass					Restrictor, 34 mm (turbo)				
Windows in place					Suspension and Running Gear				
Rear view mirror					Tires and wheels, incl spare				
Driver/Co-driver names				N/R	Brakes				
Event sponsor					Parking brake				
Numbers and class				class N/R	heel bearings, steering linkage				
d flaps-rear and driven wheels					Shocks/suspension				
er Org decals cover'd/remov'd					Brake hoses/cables				
Exhaust and Sound					suspension arms/mounting points				
Exhaust secure					Scrutineer:				#
105 dbA max @ 18" and 45 deg					Chief Scrutineer:				#