

2018 "ALTERNATIVE" USRA MODIFIED RULES



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THE RULES AND/OR REGULATIONS SET FORTH HEREIN ARE DESIGNED TO PROVIDE FOR THE ORDERLY CONDUCT OF RACING EVENTS AND TO ESTABLISH MINIMUM ACCEPTABLE REQUIREMENTS FOR SUCH EVENTS. THESE RULES SHALL GOVERN THE CONDITION OF SPEEDWAY EVENTS AND, BY PARTICIPATING IN THESE EVENTS, ALL RACEWAY COMPETITORS ARE DEEMED TO HAVE COMPLIED WITH THESE RULES. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND REGULATIONS. THEY ARE INTENDED AS A GUIDE FOR THE CONDUCT OF THE SPORT AND IN NO WAY ARE A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS OR OTHERS.

References are made throughout these regulations requiring and/or recommending that particular products meet certain specifications. These products are manufactured to meet or exceed certain criteria and are labeled as such upon satisfying those criteria. Any change to these products voids that certification. Under no circumstances may any certified product be altered from the "as manufactured" condition or such certification is voided.

The United States Racing Association shall hereafter be simply referred to as the USRA throughout the rules description. USRA official(s) shall include all personnel employed as an official by participating racetrack.

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ARTICLE 1: DEFINITIONS

- 1.1 **Racecar:** An automobile designed solely for competition on oval race tracks, controlled from within by a driver.
- 1.2 **Automobile:** A vehicle which carries its own motor and operates on four non-aligned complete wheels, of which two are used for steering and two for propulsion.
- 1.3 **Vehicle:** A man-made locomotive device propelled by constantly taking real support on the earth's surface whereas the propulsion and steering are under the control of a driver aboard the vehicle.
- 1.4 **Driver:** The person controlling the operation of the racecar. The driver is expected to understand how to operate the mechanisms which control the speed, direction and braking of the racecar.

- 1.5 **Participant:** A person directly involved in the mechanical operation and/or management of a racecar, including, but not limited to, drivers, crew members, racecar owners, sponsors and their family members.
- 1.6 **Event:** A USRA-sanctioned competition between two or more drivers and their racecars. An event shall consist of practice (hot laps) and actual racing contests.
- 1.7 **Official:** An official shall be any person participating in the exercise of authority for enforcing or interpreting these rules. The official may also make judgments concerning the conduct of participants and declare penalties for breaches of these rules, as well as perform technical inspections on any racecar. The combination of officials may vary from week to week and from one racetrack to another.
- 1.8 **Promoter:** An entrepreneur who oversees the operations of the racetrack, either as a tenant or owner of the facility. Furthermore, the promoter is the person responsible for the implementation of rules, hiring staff and financial compensation to participants.
- 1.9 **Cockpit:** The volume of the racecar which accommodates the driver.
- 1.10 **OEM:** An original equipment manufacturer (OEM) manufactures products or components that are purchased by another company and retailed under that purchasing company's brand name. OEM refers to the company that originally manufactured the product. OEM replacement parts are those which have been manufactured by another company to the same specifications as the OEM parts.
- 1.11 **EIRI:** Except in rare instances.

ARTICLE 2: GENERAL RULES

- 2.1 USRA rules shall apply at all events. All participants are subject to the rules of the USRA and are expected to know the rules. The rule book is a guideline as to what is or is not allowed. If the rule book does not say it is allowed, then you must contact the USRA to identify if the part in question is allowed for competition. An expressed ignorance of USRA rules by any participant will not be recognized as a valid argument for failure to comply with USRA rules. Some tracks may have amendments, additions or other adjustments to the rules for a particular class. Promoters must make these differences clear, in writing, posted online and available to drivers at all times. Drivers should verify rules packages with sanctioned track prior to competing at an unfamiliar venue.
- 2.2 Approval of any racecar by an official shall mean that the racecar is approved for participation in the event and shall not be construed in any way to mean that the inspected vehicle is guaranteed to be mechanically sound or safe. Be it further declared that officials and/or the USRA shall not be liable for any mechanical failure, nor for any losses, injuries or death resulting from the same.
- 2.3 Conduct:**
 - 2.3.1 Participants will conduct themselves as professionals. Any unsportsmanlike conduct by a participant shall be grounds for disqualification and/or punitive action by the USRA. This will be strictly enforced.
 - 2.3.2 Drivers are responsible for the conduct and actions of their car owners, crew members, sponsors and family members.
 - 2.3.3 Absolutely no alcoholic beverage or other illegal chemical substance may be consumed by a driver prior to, or during, an event. The duration of the event shall also include all support class events run as a part of the overall program. The use, sale or distribution of illegal drugs at any time shall be cause for immediate and indefinite suspension.
 - 2.3.4 Any participant who defies or violates the intent or spirit of the USRA rules shall be considered to have engaged in unsportsmanlike conduct and shall be dealt with accordingly and swiftly by the USRA.
- 2.4 All drivers must be at least fourteen (14) years of age (proof of age required). Drivers under eighteen (18) years of age are required to have a signed and notarized Parental Consent Form. The Parental Consent Form must be signed by a parent or legal guardian, and must be received by USRA headquarters prior to participation of the driver in any event.
- 2.5 The USRA may require any driver to undergo a physical examination by a licensed health care provider prior to being allowed to participate in any event.
- 2.6 No equipment or racecar will be considered as having been approved by reason of having passed through inspection unobserved.
- 2.7 All racecars must be able to join the race lineup on demand and unassisted, or must go to the rear of the lineup for the start of the race.
- 2.8 The USRA reserves the right to add to, delete, supersede or modify any rule, exhibit or drawing that the USRA deems necessary for the conduct of events and/or safety of participants. All amendments are

effective on the date of publication by the USRA regardless of when a person subject to the rules receives actual notice of the amendment.

- 2.9 Every driver must inspect the racing surface and the track area to learn of any obstructions or other defects which, in the driver's opinion, presents an unsafe condition for competition. The driver shall report any unsafe condition in writing to an official. Any driver that competes in an event is considered to have inspected the track surface and surrounding perimeter to determine that all conditions are satisfactory. If the driver does not feel that the conditions are satisfactory, the driver should not compete in the event. The driver further acknowledges that he or she is aware that auto racing involves risk, and that by competing in an event, the driver assumes these risks with full awareness and responsibility.
- 2.10 All drivers are responsible for registering their racecar for each event in order to ensure their respective starting position in each event.
- 2.11 The USRA and/or promoter reserve the right to refuse to accept the entry of any racecar or participant. Furthermore, the USRA and/or promoter reserves the right to revoke or cancel any entry, or any participant's claimed right to be on the racetrack's premises, if it is determined that a participant's presence or conduct is not in the best interest of the sport of auto racing, other participants, spectators, track management and/or employees of the USRA.
- 2.12 Lighted signaling devices, hand signals or any other equipment or methods used for communication during an event between a non-competing participant and a driver is not allowed.
- 2.13 Radios and any other devices used for transmitting or listening are not allowed on the racecar. *Exception:* Officials may require drivers to utilize a one-way radio with no scanning capabilities to enable audio communication from officials to drivers only. Furthermore, racecars may be fitted with a timing transponder as supplied by officials.
- 2.14 No computers allowed on the racecar, including, but not limited to, electronic traction control devices. Any driver found to be using traction control will be subject to a minimum fine of five thousand dollars (\$5,000) and up to a lifetime suspension from all events.

2.15 Technical Inspections:

- 2.15.1 For all classes at all events, the top four (4) finishers in the main event and any other racecars as instructed by officials, will be required to report to a designated area after the completion of the main event where mandatory and varied post-race technical inspections will be required to take place.
- 2.15.2 Each racetrack is required to have a USRA-certified technical inspector at each event.
- 2.15.3 At the discretion of the official(s) overseeing an event, any participant may be disqualified by the official(s) for violation of any USRA rule and/or equipment or action(s) deemed to be hazardous to other participants or officials.
- 2.15.4 All racecars are subject to inspection by an official at any time. Any driver whom refuses to allow any inspection by an official, or terminates an inspection in progress, shall be subject to a fine of two thousand dollars (\$2,000), suspension from all events for fourteen (14) days, loss of all points (national and track) earned to-date for the current season and forfeiture of all cash and/or awards earned at the event.
- 2.15.5 Any illegal part discovered through inspection any time after the driver enters the grounds where an event is being held can be confiscated by officials and forfeited by the driver. For first infraction, driver discovered to be using illegal parts of any kind shall be subject to a fine of up to two thousand dollars (\$2,000), suspension from all events for up to fourteen (14) days, possible loss of all points (national and track) earned to date for the current season and forfeiture of all cash and/or awards earned at the event. For second infraction, driver shall be subject to a fine of up to five thousand dollars (\$5,000), suspension from all events for up to one (1) year, loss of all points (national and track) earned to date for the current season and forfeiture of all cash and/or awards earned at the event. Confiscated parts will be sent to manufacturer for inspection. Failure by the driver to surrender any illegal part for confiscation shall result in a separate penalty, in addition to other applicable penalties under this rule.
- 2.15.6 All measurements must be made while the racecar is stationary on a flat horizontal surface.

2.16 Decals and Contingency Awards:

- 2.16.1 Approved USRA sponsor decals must be displayed in required locations on the racecar in order for the driver to participate in any prize money, points funds and/or contingency awards which require specific decals and/or decal placement for eligibility. All decals shall be distributed by the USRA or racetrack, along with a description of each sponsor's program, decal placement requirements and sponsor's contact information.

2.16.2 Each racecar must properly display the approved USRA logo decal or USRA Weekly Racing Series decal in order to participate in any points funds. Decal must be positioned on both sides of the racecar at the front of the door below the window opening.

2.17 Licenses and Points Funds:

2.17.1 All drivers competing in USRA-sanctioned events must possess a valid USRA license.

2.17.2 Drivers may purchase a USRA Temporary License for \$10 which is valid for one (1) event only. Drivers opting for a Temporary License will earn one-half of the published points funds distributed by the USRA. The purchase price of a Temporary License will not apply toward the cost of purchasing a USRA Competitor License if the driver opts to purchase one later.

2.17.3 To be eligible for national points funds, driver must have competed in a minimum of fifty percent (50%) of the events held at any one of the USRA-sanctioned tracks at which that driver competed with a USRA Competitor License (minimum of 8 events with a minimum of 4 starts). To be eligible for track points funds, driver must have competed in a minimum of fifty percent (50%) of the events held at the USRA-sanctioned track for which the points funds are being awarded.

2.18 Decisions of the USRA are final and binding without exception.

2.19 These rules have been set by the USRA and are subject to change without notice. All rules are subject to change at any time and for any reason as deemed necessary by the USRA in the best interest of the sport. All promoters will be informed of any changes to these rules after the date of publication, and those changes should be made available to drivers at each racetrack and/or announced at drivers meeting. The USRA will publish amendments to these rules on the USRA website.

ARTICLE 3: POINTS SYSTEM

3.1 Drivers competing in a USRA-sanctioned event are eligible to earn national, regional and track points at the racetrack where the points were earned for that class. Points are awarded to the driver only (no driver substitutions). A driver may register a one-time-only "provisional" start by paying a \$50 fee to the racetrack prior to the event. Upon receipt of the fee, driver will receive credit for attendance and earn the minimum track, regional and national points for starting.

3.2 Points will only be awarded to drivers at events held and officially reported to the USRA by the promoter. Promoter is solely responsible for gathering and submitting complete event results in a timely manner.

3.3 Track Points

3.3.1 Track points will be awarded from March 1 through September 3, 2018.

3.3.2 At the discretion of the promoter, track points may include all events held at that track or only those they designate as such. A track may award national points but not track points at any given event.

3.3.3 Track points will be awarded to each driver in the main event as follows: 1st - 100 points, 2nd - 95 points, 3rd - 91 points, 4th - 87 points, 5th - 84 points, 6th - 81 points, 7th - 78 points, 8th - 76 points, 9th - 74 points, 10th - 72 points, 11th - 70 points, 12th - 68 points, 13th - 66 points, 14th - 64 points, 15th - 62 points, 16th - 60 points, 17th - 58 points, 18th - 56 points, 19th - 55 points, 20th - 54 points, 21st - 53 points, 22nd - 52 points, 23rd - 51 points. All other drivers that start the main event and finish below 23rd are awarded 50 points. All drivers that fail to start or qualify for the main event are awarded 45 points

3.4 Regional Points

3.4.1 Regional points will be awarded from March 1 through September 3, 2018.

3.4.2 Regional points will be the total of all track points earned by a driver at one or more tracks in a particular region. Regional points will be combined for USRA Modifieds and "Alternative" Modifieds.

3.5 National Points

3.5.1 National points will be awarded to each driver based on his/her best twenty (20) points nights in class from January 1, 2018, through September 30, 2018, plus three additional USRA Nationals events to be held at three tracks to be determined during the month of October. National points will be combined for USRA Modifieds and "Alternative" Modifieds

3.5.2 National points will be awarded to each driver in the main event as follows: 1st - 200 points, 2nd - 190 points, 3rd - 182 points, 4th - 174 points, 5th - 168 points, 6th - 162 points, 7th - 156 points, 8th - 152 points, 9th - 148 points, 10th - 144 points, 11th - 140 points, 12th - 136 points, 13th - 132 points, 14th - 128 points, 15th - 124 points, 16th - 120 points, 17th - 116 points, 18th - 112 points, 19th - 110 points, 20th - 108 points, 21st - 106 points, 22nd - 104 points, 23rd - 102 points. All other drivers that start the main event and finish below 23rd are awarded 100 points. All drivers that fail to start or qualify for the main event are awarded 90 points.

- 3.5.3 One (1) bonus point is awarded to each driver for each position advanced in the main event from the actual starting position to the official finishing position. Example: start 10th, finish 2nd = 8 bonus points. Bonus points equivalent to the total number of drivers in class will also be awarded to each driver in each class, with a maximum of 24 bonus points awarded to each driver.
- 3.5.4 The three USRA Nationals events in October will award a true car count bonus with no maximum on bonus points awarded for car count. A driver may compete in one, two or all three USRA Nationals events, but national points will only be awarded to that driver for the event in which he/she recorded his/her best total points effort.
- 3.5.5 In the event of a tie for first place in the final national and/or track points, the champion shall be the driver with the most wins. Should a tie still exist after wins are counted, the next determining factor(s) shall be top-5 finishes, and then top-10 finishes, and then total number of events, and then the highest finisher in the most recent event(s) until the tie is broken. Drivers that are tied in all other positions shall remain tied. Points funds, if any, for positions that are tied shall be divided evenly between the drivers that are tied.

ARTICLE 4: BODY

- 4.1 1970 or newer American compact passenger car only. Panel vans or station wagons are not allowed.
- 4.2 An aluminum half-windshield may be used on driver's side of the front window opening only.
- 4.3 Stock appearing front window support units must be used (painted roll bars are not acceptable substitutes). Front window may have a support of no more than twenty (20) inches at bottom, going straight up to top.
- 4.4 A minimum window opening of twelve (12) inches must be maintained on all four (front, back, left and right) window openings.
- 4.5 Streamlining at top of windshield is not allowed. Bodies must have standard appearing windshield opening and corner post must follow standard configuration.
- 4.6 Original roof line of vehicle must be maintained with a maximum of five (5) inches of slope from rear to front. Two (2) inch maximum roll, turned downward, is permitted along the front edge of the roof. No more than one-half (0.5) inch stiffener allowed at the rear of the roof and must turn down perpendicular to the ground. A maximum of one (1) inch roof lips allowed on outside edge of roof. A maximum of four (4) inch sides on roof allowed. OEM Gremlin roofs are not allowed. Aluminum roofs are permitted but must remain flat and not concaved.
- 4.7 Sail panels must be solid and of matching design with matching styles on both sides of racecar. Sail panels may have a maximum bow of four (4) inches top to bottom, maximum bow of three (3) inches front to back and may be no more than eight (8) inches above the back edge of deck. Sail panel must be mounted within one (1) inch of the outer edge of the deck and flush with the outer edge of roof.
- 4.8 Reverse hood rake is not allowed. Hood must be level or slope forward toward nose of racecar. Back of hood may be no more than two (2) inches above decking and sealed off completely. Lips on the sides of hood are not allowed. Hood must be flat from side to side (bowed or concave designs are not allowed).
- 4.9 Belly pans are not allowed. A belly pan will be defined as any object or material that alters the airflow under the racecar. A rock shield may be installed to protect the oil pan and the bottom of the motor, from the front cross member no further back than the rear engine mount (mid-plate/mid-mount) no wider than the radiator front to back.
- 4.10 Panel(s) (engine covers) in front of the door next to the engine compartment are permitted, but must maintain a six (6) inch gap from the door. One side must remain open for inspection of engine on the scales.
- 4.11 Bodies with excessive damage (as determined by an official) will not be allowed to compete.
- 4.12 Overall width of the racecar may not exceed 78 inches. Width shall be measured from the widest points on each side of the racecar.
- 4.13 The rear deck lid and/or trunk area must be covered. Rear filler panels are not required.
- 4.14 Nose:**
- 4.14.1 Maximum overall nose width is forty-two (42) inches at the bottom. Two (2) inch nose fins are permitted along both sides of the nose. Nose fins may not pass the leading edge of radiator or continue past leading edge of hood. All aluminum of the nose (including the fins) must be completely inside the outer edges of the bumper. Nose fins must match side to side. If it is between nose fins, it is the nose; if it separates from the hood, it is the nose.

- 4.14.2 Plastic valances and/or plastic nose pieces are permitted but no plastic may extend in front of the bumper. Plastic may flare past the sides of the bumper. Aluminum or steel is not allowed outside the bumper.
- 4.14.3 All nose piece components must be a minimum of five (5) inches above the ground.
- 4.15 Doors and quarter panels may be mounted a maximum of one (1) inch above the deck, and must match side to side—NO TOLERANCE. A maximum five (5) inch plastic skirt on bottom of doors and quarter panels and nose piece is permitted.
- 4.16 Excluding hood and nose piece, the top of the body should extend no further forward than the back of the engine block. The bottom of the body may extend up to eight (8) inches forward of the back of the engine block.
- 4.17 Spoilers:**
 - 4.17.1 The maximum rear spoiler height of material shall be two (2) inches on the 604 crate engine package only.
 - 4.17.2 Rear spoiler may not exceed the width of the rear deck lid, must be flush to the deck and must extend from right edge of deck to left edge of deck. Spoiler material must remain flat.
 - 4.17.3 Rear spoiler may be attached to sail panels.
 - 4.17.4 A maximum of two (2) center supports and a maximum of two (2) side supports may be attached to the front of the rear spoiler with a maximum dimension of two inches tall by five inches long triangular shape.
 - 4.17.5 Fins, wings, lips, deflectors or other air spoilers (except as noted above) are not allowed.
 - 4.17.6 Any fins, wings, lips, deflectors or other permitted air spoilers must match corresponding part on opposite side of racecar.
- 4.18 Bumpers:**
 - 4.18.1 Center of bumpers (front and rear) must be a minimum sixteen (16) inches and a maximum twenty (20) inches from ground.
 - 4.18.2 Both front and rear bumpers must be used, and may not have any sharp edges. Any inappropriate bumper may be disallowed at the discretion of an official. Front bumper should be mounted from frame end to frame-end with the bottom loop parallel to ground. Bumpers must be made of a minimum of one and one-quarter (1.25) inch tubing with a minimum wall thickness of sixty-five one-thousandths (.065) and must be able to support the racecar if lifted by a tow vehicle. Top bar must be directly above bottom bar.
 - 4.18.3 Rear bumpers may be constructed of tubing or flat stock, and must protect the fuel cell. Rear bumpers may be no more than two (2) inches wider than the body on each side and may not be open-ended (must wrap around and be connected to side rail bars).
 - 4.18.4 Any aluminum of the nose may not extend outside of front bumper. Plastic valances and/or plastic nose pieces are permitted but no plastic may extend in front of the bumper. Plastic may flare past the sides of the bumper but all nose piece components must be a minimum of five (5) inches above the ground.
 - 4.18.5 Front bumper may be a maximum width of 44 inches from outside to outside. Nose tin may have a maximum width of 42 inches at bottom. Note: If it is between nose fins, it is considered to be the nose; if it separates from the hood, it is considered to be the nose.
- 4.19 Appearance:
 - 4.19.1 All racecars must be numbered with large legible numbers on both sides, on top and on the nose and rear panels. Numbers on the sides of the racecar should be in contrasting color from the body and be at least four (4) inches thick and at least eighteen (18) inches high. Top numbers should be at least four (4) inches thick and twenty-four (24) inches high.
 - 4.19.2 Officials reserve the right, in the public image of the sport and/or the USRA, to assign, approve or disapprove any advertising, sponsorship or similar agreement in connection with any event. All cars must be neat appearing and are subject to approval of officials to compete. By competing in an event, all drivers agree to comply with the decisions of officials in this regard.

ARTICLE 5: ROLL CAGES

- 5.1 The main roll cage must consist of continuous hoops of round steel tubing, and must be acceptable to officials. Acceptable tubing is as follows: minimum one and one-half (1.5) inches diameter by ninety-five one-thousandths (0.095) inch wall thickness for main four point roll cage. Any tubing measuring one and three-quarter (1.75) inches diameter will be allowed a tolerance on the wall thickness for tubing manufacturing imperfections. Any tubing under one and three-quarter (1.75) inches diameter will not be

allowed any tolerance on wall thickness. A minimum of three (3) driver side door bars must be parallel to ground and located perpendicular to the driver to provide maximum protection for the driver, but without causing undue difficulty in getting in or out of the racecar. Side bars must be welded to the front and the rear of the roll cage members. Driver side door bars and uprights must be at least one and one-half (1.5) inches in diameter at a minimum of eighty-three one-thousandths (0.083) of an inch wall thickness. Steel door plate, 18 gauge or 0.049 inch minimum thickness, must be securely welded to outside of driver side door bars and cover area from top door bar to bottom door bar and from rear hoop down-post to five inches in front of seat. Passenger side must have at least one cross door bar, horizontal or angled, minimum one and one-quarter (1.25) inch O.D. with eighty-three one thousandths (0.083) inch wall thickness, and one top horizontal door bar, minimum one and one-half (1.5) inch O.D. with eighty-three one thousandths (0.083) inch wall thickness.

- 5.2 Roll bars within the driver's reach must be padded with an accepted material as determined by an official. Fire retardant material is highly recommended.
- 5.3 Installation and workmanship must be acceptable to officials.
- 5.4 Must be frame-mounted in at least six (6) places.
- 5.5 Must consist of a configuration of front and rear hoops connected by tubing on the sides or side hoops.
- 5.6 With helmet on and driver securely strapped into the racing seat, top of driver's head must not protrude above the roll cage. Must have a cross bar in halo.
- 5.7 Must have a protective screen or bars in front window opening in front of driver's face.
- 5.8 Protection of driver's feet utilizing a bar across the back of the engine with vertical bars and rub rails or similar protection is mandatory.
- 5.9 Brace bars forward of roll cage may not be higher than the stock hood height.
- 5.10 Adjustable bars on the frame and/or roll cage are not allowed, Removable bars are permitted.

ARTICLE 6: FRAME

- 6.1 Factory production complete full 1960 or newer parallel American passenger car frames only. Frames may be cut in rear only at a point not further than thirty-six (36) inches from center of rear end housing.
- 6.2 May only be altered for the installation of springs and shocks.
- 6.3 All components must be made of steel and be properly welded.
- 6.4 Must be full and complete on both sides, may not be widened or narrowed and must be able to support roll cage on both sides. All factory holes must be present for inspection. All measurements must meet the frame diagram tolerances listed or be within one-half (0.5) inch (either way) of OEM measurements on any measurement not listed on frame diagram—NO TOLERANCE.
- 6.5 Minimum height from ground is four (4) inches. Exception: front cross member may be notched for radiator clearance only. Right front frame rail must be a maximum of seven and one-quarter (7.25) inches above the ground.
- 6.6 Jeep, Bronco or similar four-wheel drive frames are not allowed. Sports car frames are not allowed. Front-wheel-drives are not allowed.
- 6.7 Rear of frame may be altered to accept leaf or coil springs.
- 6.8 Hydraulic, ratchet or electric weight jacks are not allowed anywhere on the racecar. Aluminum jack bolts are not allowed.
- 6.9 Wheelbase must be a minimum of one-hundred eight (108) inches on both sides (no tolerance).
- 6.10 Tubular front clips are not allowed.
- 6.11 Maximum overall width of car (at front or rear) shall not exceed seventy-eight (78) inches from outside of tread to outside of tread—NO TOLERANCE.
- 6.12 Rear of engine (bell housing flange) must be mounted at least seventy-two (72) inches forward from the center line of the rear axle—NO TOLERANCE.

ARTICLE 7: COCKPIT, STEERING & SEAT

- 7.1 Loose objects and/or weights are not allowed.
- 7.2 Air bags are not allowed.
- 7.3 Rear view mirrors are not allowed.
- 7.4 Floor and firewall must be complete in the driver's compartment. Minimum 0.125 inch aluminum, or 0.060 inch steel, complete floor pan required. No interior sheet metal can be higher than or enclose a standard window opening. Sheet metal in the driver's compartment must be horizontal from the top of

the driver shaft tunnel to the right side door bars or angle from the top of the drive shaft tunnel upwards to the top of the right side door bars. Driver must be able to exit the racecar from both sides.

7.5 Steering:

- 7.5.1 Must be OEM and remain within original bolt pattern for type of frame used. Center link must match frame. Inner and outer tie rod end and adjustment sleeve may be replaced with a heim end and steel tube.
- 7.5.2 Rack and pinion is not allowed.
- 7.5.3 May be modified to suit driver, but must remain on left side of cockpit (no center steering).
- 7.5.4 Quick-release metal coupling on steering wheel is mandatory. Plastic couplings are not allowed.

7.6 Seat:

- 7.6.1 Factory-manufactured racing seats are mandatory, and must be acceptable to officials.
- 7.6.2 Homemade aluminum, plastic or fiberglass seats are not allowed.
- 7.6.3 Must be properly installed and seat back cannot be moved back further than rear edge of quarter post.
- 7.6.4 High-back aluminum seats only. Full containment racing seats are strongly recommended.

ARTICLE 8: SUSPENSION

Note: Spherical bearings may also be referred to as heims, heim joints, heim ends or rod ends. Axle housing mounts may also be referred to as birdcages.

- 8.1 Any new chassis design, component design and/or technology pertaining to and/or containing suspension must be submitted to, and approved by, the USRA before these alterations will be permitted for use in competition. The manufacturer and/or competitor may be required to disassemble any part or assembly for inspection before in-statement of new part is permitted.
- 8.2 Suspension and/or rear end parts must be made of steel. Aluminum and/or titanium components are strictly forbidden. Magnet must stick to all components Exceptions are upper A-frame cross shafts and limiter chain brackets.
- 8.3 Safety/tether chains must be mounted vertically and solid to rear-end (not to any suspension parts). Right side spring must remain loose when rear-end is hanging off the ground if tethered. Left side chain may utilize a rubber biscuit but no type of springs are allowed on chain.
- 8.4 All chassis brackets and/or mounts must be welded or securely bolted to the chassis. Floating, pivoting and/or rotating mounts and/or brackets of any sort are not strictly forbidden. All bolted components must match the correct bolt size with the corresponding hole size (example: 1/2-inch bolt in 1/2-inch hole only).
- 8.5 Suspension covers are not allowed. Tarps and/or covers on your race car are not allowed outside of your pit area. Spring covers are not allowed. Covers on the lift arm or pull bar are not allowed, and those areas must remain completely exposed.

8.6 Front Suspension:

- 8.6.1 Front suspension must remain stock type for the type of frame being used. Steel aftermarket parts may be used as stock components but must mount in the stock location and be the same size as the OEM parts. This includes lower tubular A-frames. If using lower tubular A-frames, they must match factory specs. All parts must meet OE specs and match side to side. GM 1978-1988 metric "G" body frames are permitted to use the Nova lower "A" frames. Travel limiting devices are not allowed.
- 8.6.2 Steel tube-type upper A-frames are permitted and may be moved. Steel or aluminum cross shafts are permitted.
- 8.6.3 Only stock passenger car spindles are permitted. Fabricated spindles are not allowed. Bottom A-frames may not be altered, lightened or moved and must match side to side. Speedway three-piece spindles are allowed.
- 8.6.4 Front sway bars may be utilized. Front sway bars must be made of steel and may be attached to the bottom A-frame using steel heim joints (must be solid, full-length OEM).
- 8.6.5 Coil-over springs are not allowed on the front.

8.7 Rear Suspension:

- 8.7.1 All rear suspension radius rods and lift arms must be of a fixed solid steel design. Hydraulic cylinders, torsion bars, bump rods, spring rods, slider rods and/or shock-type radius rods to locate the rear end are strictly forbidden.
- 8.7.2 Radius rod must be a minimum thirteen-sixteenths (0.8125) inch outside diameter; may be round, hex or square shape; minimum ninety-five one-thousandths (.095) inch steel thickness.

- 8.7.3 Only two (2) radius rods per side are permitted. One additional rod for brake floater only may be utilized per side.
- 8.7.4 Axle Housing Mount (Birdcages)
- a) Only one (1) birdcage per side is permitted. Birdcage may consist of multiple barrels but must bolt or be welded together to act as a single unit containing both the top and bottom radius rod connectors.
 - b) All bearings pertaining to birdcages must freely spin forward and backward.
 - c) Shock, radius rods and spring must mount to birdcage. If one rod is floated, the other rod must also be floated; If one rod is locked up, the other rod must also be locked up (one bracket).
Exceptions:
 - 1) Swing arm type suspension where shock, spring or shock-spring combination is connected directly to one of the radius rods.
 - 2) Shock is mounted solidly to rear end axle tube.
 - 3) Spring is mounted solidly to rear end axle tube.
In Exceptions 2 and 3, mounts may be no more than seven (7) inches from center of axle tube to center of lower heim of shock or slider with bracket welded or securely bolted solid to axle tube.
 - d) One additional floated birdcage-style bracket is permitted per side to accommodate floated brake system only (one additional radius rod is permitted to control this bracket).
 - e) Floating, pivoting and/or rotating mounts and/or brackets of any sort on the birdcage are not allowed. All brackets or mounts must be welded or bolted solid. Cleaves-style rotating mounts will be permitted on birdcage only for mounting of shock and slider.
- 8.7.5 Only one (1) mechanical traction device is permitted. Only one (1) pull bar or one (1) lift arm is permitted. All other options are not allowed. Covers of any sort in any relation to the lift arm or pull bar are Strictly forbidden.
- 8.7.6 Floating, pivoting and/or rotating mounts and/or brackets of any sort (connected to and/or associated with the pull bar or lift arm) are not allowed.
- 8.7.7 Lift arm is defined as a solid steel triangulated bar that is connected at the top (with one heim) and bottom (with one heim) of the rear end housing, extending forward where it is connected to a shock (that may utilize only the heim directly related to that one shock (ONE ON EACH END), shock-spring coilover combination (that may utilize only the heims directly related to that one shock (ONE ON EACH END) and a limiting chain (with or without a biscuit for cushion). One heim only is permitted in this configuration. One stabilizer bar is permitted to locate the front of the lift arm from left to right in the car.
- 8.7.8 Pull bar is defined as a continuous assembly (that may or may not contain a spring or biscuit assembly located inline to absorb torque) that is connected to the top of the rear end with one heim and extends forward to a solid mounting point located on the chassis where it is connected with one heim. The mounting location at both the front and rear of the pull bar may be adjustable but must remain constant during competition (cannot be adjustable from the cockpit).
- 8.7.9 Steel coil-over eliminators and/or steel-aluminum coil-over kits are permitted on the rear only, but must conform to shock and spring rules.
- 8.7.10 Rear panhard bars are permitted, but must be made of steel and may be attached by using a minimum three-quarter (0.75) inch i.d. steel heim joint.

8.8 Shocks & Springs

- 8.8.1 Only one shock per wheel is permitted (five total), and shocks must be mounted vertically (only exception is fifth shock may be mounted horizontally over pull bar). Dummy shocks in relation to functioning shock absorbers are not allowed (i.e. no dummy shocks to replace slider). Fifth shock is permitted only in relation to pull bar or lift arm . Shock may not be connected directly to the pull bar in any way.
- 8.8.2 Rear shocks must be mounted within twenty five(25) degrees of vertical. Only conventional type (closed on one end) single shaft shocks are permitted. Rear shocks may be mounted on a weight-jack-type adjustable bolt.
- 8.8.3 Shock shaft must be able to compress all the way into shock body.
- 8.8.4 Shock covers are permitted but may cover only front half of shock and must be mounted directly to shock. Bump stops (internal or external) are not allowed. A maximum one-half (0.5) inch thick rubber stopper only, mounted on the right front shock only for shock protection when bottomed out, is permitted.
- 8.8.5 Steel shock mounting bolts only. Aluminum and/or titanium is not allowed.

- 8.8.6 Coil-over, remote and/or air reservoir shocks are not allowed. Canister and/or adjustable shocks are not allowed. Air shocks are not allowed. Aluminum shocks are not allowed. Inerter shocks, J-damper shocks, active mass damper shocks and/or through-rod-designed shocks are not allowed. Aluminum shaft guides are permitted.
- 8.8.7 Bladder-type valves and/or Schrader valves are not allowed. Shocks shall be subject to claim, as outlined in Claim Procedures (see Article 19).
- 8.8.8 One spring per wheel is permitted (five total). One additional spring is permitted in the center of the car pertaining to the traction device (example: spring on the pull bar or lift arm).
- 8.8.9 All coil springs must be at least four and one-half (4.5) inches outside diameter. Springs must be made of steel. Torsion bars in the rear are not allowed.

ARTICLE 9: ELECTRICAL SYSTEM

9.1 Battery:

- 9.1.1 Must be securely mounted inside frame rails and covered. If mounted outside of frame rail a nerf bar must be installed around battery box for protection.
- 9.1.2 One (1) 12-volt battery only is permitted.
- 9.1.3 Voltage converters are not allowed.
- 9.1.4 All battery posts must be securely covered.

9.2 Ignition:

- 9.2.1 Magnetos and/or crank-triggered ignitions are not allowed.
- 9.2.2 One (1) coil only is permitted.
- 9.2.3 Kill switch required within easy reach of the driver. The switch must be clearly marked "OFF" and "ON". Cameras pointing to any moving or suspension parts are not allowed. Except for memory recall tachometer, electronic monitoring computer devices capable of storing and/or transmitting information are not allowed.
- 9.2.4 Ignition boxes shall be subject to claim, as outlined in Claim Procedures (Article 19).
- 9.2.5 Must utilize a maximum RPM rev-limiter for the following engine combinations: Standard Engine is 7,800; 604 Crate Engine is 6,400. Rev-limiter may not be within reach of the driver while in cockpit and must be easily accessible to officials at any time. Any driver caught altering the rev-limiter or ignition system in any way so as to defeat the revlimiter rule shall receive a 30-day suspension, loss of all track and national points for the night and a \$1,000 fine for the first offense. Second offense shall be a one-year suspension, loss of all track and national points for the season and a \$2,000 fine.
- 9.2.6 Wiring elements must be accessible for technical inspection. Any racecar advancing spots and missing will be subject to disqualification.

ARTICLE 10: FUEL SYSTEM

10.1 Fuel:

- 10.1.1 Must be automotive gasoline or alcohol only. Additives of any kind are not allowed. E85 ethanol or racing fuel is permitted. Penalty for illegal fuel is loss of points, cash and awards earned for that event.
- 10.1.2 May not be blended with ethers or other oxygenates, and may not be blended with aniline or its derivatives, nitro compounds or other nitro containing compounds. Oxygenated fuel is not allowed.
- 10.2 Electric fuel pumps are not allowed. Belt driven fuel pumps must be mounted in front of engine.

10.3 Carburetor:

- 10.3.1 One (1) two-barrel, four-barrel or Predator carburetor properly installed is permitted.
- 10.3.2 Must be naturally aspirated.
- 10.3.3 Fuel injection is not allowed.
- 10.3.4 An adapter with gasket is permitted. Adapter and gasket combined may be no more than two and one quarter (2.25) inches.

10.4 Fuel Cell:

- 10.4.1 Must be commercially manufactured and must be mounted utilizing at least two (2) steel straps. Straps must be two (2) inches wide at all measuring points.
- 10.4.2 Must be enclosed in a steel container and must be protected in rear of axle by roll cage tubing mounted securely.
- 10.4.3 No part may be lower than protective tubing. Protective tubing must be no wider than six (6) inches on both sides. Fuel cell may be no lower than ten (10) inches from the ground.

- 10.4.4 Must have check valves.
- 10.4.5 Limited to a maximum capacity of thirty-two (32) gallons.
- 10.4.6 Must have check valves. A ball-type, flapper or spring or filler rollover valve is mandatory for fuel cells without a positive seal filler neck/cap system.

ARTICLE 11: TIRES & WHEELS

11.1 Wheels:

- 11.1.1 Must be fifteen (15) inches in diameter and eight (8) inches in width.
- 11.1.2 Stickers are not required.
- 11.1.3 Must be reinforced steel only. Added ballast to wheels is not allowed.
- 11.1.4 A steel bead lock may be used on the right front and right rear wheels only, and may be mounted on the outside of the wheel so long as it does not add to the overall width of the wheel.
- 11.1.5 Homemade mud caps are not allowed.
- 11.1.6 Wheel covers are permitted on right side wheels only. Inner mud plugs are permitted.
- 11.1.7 Wide five wheel adaptors are not allowed.
- 11.1.8 Spacer between hub and wheel is permitted, but must be made of aluminum only and overall width of racecar cannot exceed 78 inches (see Rule 4.19).
- 11.1.9 Aluminum or steel lug nuts are permitted.

11.2 Tires:

- 11.2.1 The only tire permitted is the American Racer G60-15 KK704 (Short, Tall or X-Tall). Tires should durometer 50 or harder after any race. Any tire not meeting this durometer reading is subject to having a tire sample sent in for chemical testing.
- 11.2.2 Softening is not allowed. Solvents of any kind are not allowed. Altering tires with any components or chemicals which alter the manufacturer's baseline-settings of the tire is not allowed.
- 11.2.3 Grooving and/or siping is permitted.
- 11.2.4 All sidewall markings must remain visible at all times. Buffing or removing of the compound designations is not allowed.
- 11.2.5 Adding ballast to the inside of the tire is not allowed.

11.3 Tire Testing Procedures:

- 11.3.1 Random GC (gas chromatography) scans will be performed to identify illegal substances. A GC scan should always be a peak in 19-20 minutes. If there is no peak, the driver will be disqualified. Driver may protest the GC scan results and request a mass spec test at the cost to the driver (usually around \$300). The mass spec test will reveal exactly what substance was used. The main peak of the tire should never be in half.
- 11.3.2 Traces of chemicals and/or excessive quantities of chemicals found to be outside the baseline on any test shall result in the penalties declared in Rule 2.15.5 plus an additional indefinite financial penalty and indefinite length of suspension. This penalty also applies to driver refusal of a tire test. Refusal of tire test shall be treated the same as an infraction. Official(s) may inspect any tire on the racecar and/or any tire in possession of the driver in his/her pit area and/or hauler (in other words, if you have "doped" tires then do not even bring them to the track).
- 11.3.3 It is strongly recommended that all drivers use only soap and water. Baking tires will not eliminate traces of illegal substances. The USRA will aggressively test for illegal substances and will levy severe punishment for infractions.

ARTICLE 12: BRAKING SYSTEM

- 12.1 Must be operating on all four wheels and must lock up all four wheels during inspection.
- 12.2 Must have caliper and rotor on all four wheels. Vented rotors are required on front and rear wheels.
- 12.3 Electronic brake actuators are not allowed.
- 12.4 Calipers and/or pads may not be lightened and must be OEM
- 12.5 Steel only, single-piston OEM-type calipers are permitted. Piston diameter must be the same on all calipers.
- 12.6 Rotors must be steel and may not be lightened, scalloped, drilled or slotted. Rotors may be re-drilled for different bolt patterns or larger studs.
- 12.7 Front-to-rear brake bias is permitted (no left to right).
- 12.8 Brake shut-offs are not allowed.

- 12.9 Brake lines must be visible.
- 12.10 Must maintain minimum OEM dimensions for hubs, rotors, pads and calipers.

ARTICLE 13: DRIVE SHAFT

- 13.1 A loop is required and must be constructed of at least one-quarter (0.25) inch by two (2) inch solid steel. Loop must be mounted no more than six (6) inches from the front of the drive shaft tube. Alternatively, two (2) loops of one-quarter (0.25) inch by one (1) inch solid steel fastened to cross member are permitted.
- 13.2 Must be painted white.
- 13.3 Aluminum drive shafts are not allowed. Steel or carbon fiber drive shafts only (carbon fiber may have aluminum yokes).

ARTICLE 14: TRANSMISSION

- 14.1 OEM three-, four- and five-speed and automatic production-type transmissions are permitted. Approved aftermarket transmissions are permitted.
- 14.2 "In and out" boxes are not allowed.
- 14.3 Must all be clutch-operated.
- 14.4 Approved aftermarket transmissions are Bert, Brinn, Falcon, RaceGator and Mitchell Machine Bullet Tranny with internal clutch.
- 14.5 Clutch must be inside of bell housing for OEM production-type transmissions (except as noted in Rule 14.4).
- 14.6 Clutch-type transmissions must be equipped with an explosion-proof steel bell housing. Aluminum must be SFI-approved (Note: GM bell housing is not SFI approved).
- 14.7 Automatic and aftermarket transmissions must have a guard two-hundred seventy (270) degrees around flex plate or flywheel, and must be constructed of at least one-eighth (1/8) inch. Alternatively, automatic transmissions may utilize an SFI-certified aftermarket guard. All flex plates must be SFI-certified.
- 14.8 With engine running and racecar in stationary position, driver must be able to engage racecar in gear and then move forward and then backward at time of inspection.

ARTICLE 15: REAR-END

- 15.1 Any passenger car or truck type is permitted. Aluminum is not allowed except lowering blocks, axle cap and drive plate.
- 15.2 Quick change rear-ends are permitted: Steel tubes only; ten (10) inch ring gear only; pinion and carrier bearings must be tapered; titanium is not allowed; wide-five wheel patterns are not allowed; aluminum spools are permitted.
- 15.3 Cambered rear-ends are not allowed. One-piece drive flange only.
- 15.4 Traction devices are not allowed (includes Gold Track, True Track or similar type components).
- 15.5 Hub and/or drive flange assembly may not be oversized and entire hub assembly must match both in material and dimensions from side to side. Maximum drive flange diameter is seven (7) inches across, maximum thickness is one half (0.5) inch.

ARTICLE 16: ENGINE

16.1 General Engine Rules:

Unless otherwise noted, the following general engine rules apply to all engine options.

- 16.1.1 Engine type shall determine the RPM limits of the rev-limiters (see Rule 9.2.5).
- 16.1.2 Must be able to be used in conventional passenger car without alteration. Motor mounts may not be removed or altered. Castings (includes block, heads and intake) and fittings may not be changed. Machine work on outside of engine, or on front or rear of camshaft, is not allowed. If utilizing lightened blocks (removal of material from inside and/or outside), an additional twenty-five (25) pounds of weight must be added in front of the mid-plate.
- 16.1.3 "Dry sump" systems are not allowed. "Wet sump" oil system only. Internal or external oil pumps are permitted, however, single pickup must remain in pan with a maximum one (1) pickup and one (1) return line. External remote oil tanks (dry sump tanks) are not allowed. Oil coolers and remote filters are permitted. Steel oil pans only. External oil pumps must be mounted in front of engine.
- 16.1.4 Modification of cooling system is permitted. Radiators and oil coolers may not protrude above interior.

- 16.1.5 Any American make may be used. Rear of engine (bell housing flange) must be mounted at least seventy-two (72) inches forward from the center line of the rear axle – NO TOLERANCE.
- 16.1.6 Offset must be within two (2) inches of centerline of front cross member.
- 16.1.7 Must be a minimum of eleven (11) inches from ground to front center of crankshaft.
- 16.1.8 Steel blocks only –aluminum and/or titanium are not allowed.
- 16.1.9 Overflow tubes must be directed toward the ground and inside the frame rails.
- 16.1.10 Radiator must be mounted in front of engine.
- 16.1.11 Exhaust system and/or mufflers must be mounted in such a way as to direct spent gases away from the cockpit and away from areas of possible fuel spillage. Exhaust through body panels or fenders is not allowed. Mufflers may be required at track's discretion.
- 16.1.12 Roller cams are not permitted.
- 16.1.13 Intake manifolds must be made of cast iron or cast aluminum. External modifications to cast aluminum intakes are not allowed. Internal modifications are permitted.
- 16.1.14 Tri-Y headers are not allowed. Round tube headers only. All primary tubes must enter one collector at the same point. Exhaust sensors, merge collectors, dividing collectors, venturi collectors and/or extension cones are not allowed. Collector extension and/or muffler and turn down may not exceed twenty-four (24) inches and must maintain a consistent inside diameter. Zoomies, Crossovers and/or 180's are not allowed. Oil pan evac systems are permitted but must enter exhaust header from the side of the collector only. External pump systems are not allowed.
- 16.1.15 Engine components must be of matching manufacturers (i.e. Chevy for Chevy).
- 16.1.16 Heads may be angle milled, but valve angle must remain within one (1) degree of original manufactured specification.
- 16.1.17 Engine components must be of matching manufacturers (i.e. Chevy for Chevy).
- 16.1.18 Oil drain back and cooling lines are permitted.

16.2 Standard Engine (flat tappet steel-headed):

- 16.2.1 Stock diameter lifters only. Mushroom lifters are not allowed. Roller lifters are not allowed.
- 16.2.2 Stud girdles are permitted. Shaft rockers are not allowed.
- 16.2.3 Engine components must be of matching manufacturers (i.e. Chevy for Chevy).
- 16.2.4 Only steel 23-degree heads are permitted. Raised runner heads are not allowed.
- 16.2.5 Aftermarket and OEM performance blocks are permitted. Absolutely no lightening of the block (inside or outside) is allowed.
- 16.2.6 Must use stock firing order for that make and model (GM to GM, Ford to Ford, etc.).

16.3 604 GM Crate Engine:

- 16.3.1 GM Performance Parts (GPP) factory-sealed CT400 Chevy small block crate engine (Part No.88869604, 88958604 or 19318604): includes 8-quart circle track oil pan with dual kick-out design, valve cover breather kit, open-plenum high-rise intake manifold, 1.5:1-ratio aluminum roller rockers, forged steel crankshaft, hypereutectic pistons, 23° Fast Burn aluminum heads and special "kool nut" rocker arm design.
- 16.3.2 Crate Engine is not subject to claim.
- 16.3.3 Must be unaltered and sealed from factory at appropriate points (intake, head, timing chain cover and oil pan) with approved GPP break-off bolts. Any altered, damaged or missing GPP break-off bolts will result in driver being disqualified from that event, loss of all track and national points accumulated up to, and including, the date of the offense, and a \$2,000 fine and fourteen (14) day suspension from all USRA-sanctioned events. Second offense carries a \$5,000 fine and one (1) year suspension.
- 16.3.4 May utilize one (1) Holley 4-barrel carburetor. Use of a spacer between carburetor and intake is optional, but must be no more than one (1) inch thick if used and may not be throttle bore adjustable. Aerosol carburetors are not permitted. Carburetors shall be subject to claim, as outlined in Claim Procedures (Article 19).
- 16.3.5 Must have "Crate" sticker on racecar or crate engine is claimable. Any driver running a "Standard" engine with a "Crate" sticker will be disqualified. Any driver running with a crate motor will not be eligible to claim in that season. Any driver that claims a standard engine and switches to crate engine will be eligible to be claimed. 16.3.6 This engine package may utilize a two inch spoiler (see Rule 4.17).

16.4 "Open" USRA Modifieds

- 16.4.1 Any "open" USRA Modified may run in this class if they follow their rule package, remove their rear spoiler and add an additional 50 pounds of weight ahead of the midplate does not include any already required weight requirements).

ARTICLE 17: WEIGHT

- 17.1 The overall weight of the racecar shall be measured at the conclusion of an event with the driver in the cockpit, wearing complete racing apparel.
- 17.2 All racecars must display weight at which it will compete on left side windshield post. Must be two (2) inches tall and in contrasting color to the racecar.
- 17.3 The overall weight of the racecar must be a minimum of two-thousand four-hundred fifty (2,450) pounds.
- 17.4 Ballast:**
 - 17.4.1 May not be mounted in cockpit, or outside of body or hood area.
 - 17.4.2 Must be securely mounted, painted white and clearly marked with the car number.
 - 17.4.3 Must be attached with at least two (2) one-half (0.5) inch bolts per a maximum one hundred (100) pounds of ballast. Any ballast weighing twenty-five (25) pounds or less may be mounted with a single one-half (0.5) inch bolt.
 - 17.4.4 May not be attached to rear bumper.

ARTICLE 18: SAFETY

- 18.1 It is recommended that each racecar have built-in fire extinguishing equipment, but cannot be of the dry powder type (must be Halon 1211 or equivalent).
- 18.2 Drivers should have in their pit area as part of their equipment, always, a fully charged dry chemical, Halon (or its equivalent) fire extinguisher. Ten- or thirteen-pound fire extinguishers are recommended.
- 18.3 Driver must wear required helmet, fire suit and five-point safety harness whenever the racecar is on the racetrack. This includes during track packing, warm ups, hot laps and races.
- 18.4 Helmets are mandatory and must be certified SA2010 or SA2015.
- 18.5 Helmet must accompany driver and racecar at time of inspection.
- 18.6 Complete one- or two-piece fire suits of a flame-retardant nature are mandatory.
- 18.7 Fire-resistant gloves and shoes are mandatory. Fire-resistant socks are recommended.
- 18.8 The use of a five- six- or seven-point driver restraint system (safety belts, sub-belt and shoulder harness) is required. Factory-type shoulder belts or straps are not allowed. The use of a seven-point driver restraint system is recommended. Shoulder harness must be mounted to main cage and not the tail section of car.
- 18.9 Metal to metal buckles are required on shoulder and seat belts.
- 18.10 Shoulder harness must be mounted securely to the roll cage.
- 18.11 Where the belt passes through the seat edges, a grommet must be installed, rolled and/or padded to prevent cutting of the belt.
- 18.12 Driver restraint system must be less than three (3) years of age past the date of manufacture. It is recommended that the driver restraint system be no more than two (2) years past the date of manufacture.
- 18.13 Full-size window net mounted in the left side driver's window opening is required. Window net mounts must be welded or securely bolted to the roll cage. All bars around the driver must have approved roll bar padding. Approved racing arm restraints are recommended. Window net mounts are highly recommended to be securely welded or bolted to the inside of the main roll cage on top.
- 18.14 Fire-resistant safety neck collars are mandatory.
- 18.15 Absolutely no plastic except from edge of firewall to body skin and inner wheel tub to body skin.

ARTICLE 19: CLAIMING PROCEDURES

- 19.1 Any driver possessing a valid USRA license may have the opportunity to execute a claim. All drivers, licensed or not, are subject to being claimed.
- 19.2 Any driver in the "A" Main is eligible to claim the shocks or ignition box of another racecar in the "A" Main.
- 19.3 Claims must be made within five (5) minutes of the completion of the "A" Main. Claimed items must be removed at the racetrack and within one (1) hour after claimed driver accepts the claim.
- 19.4 Immediately following the conclusion of the "A" Main, without returning to his/her pit location, driver making claim must drive racecar, under its own power, directly to the designated claim area. Claiming driver shall select from eligible racecars in the "A" Main, and must declare that choice to the official overseeing the claim area. If the claiming driver decides at that time that he/she does not wish to

- execute the claim, he/she will nonetheless be charged one claim on his/her claim card. If multiple drivers declare an intention to claim, the driver finishing farthest back in the "A" Main will select first.
- 19.5 Claiming driver must present cash to official overseeing the claim area at the time the driver declares intention to claim. The cash price of the claim shall be \$200 each for shocks or \$250 for ignition boxes. Drivers claiming shocks may claim one (1) or more shocks during a single claim.
 - 19.6 Driver is permitted one (1) claim per event, regardless of the outcome of that claim.
 - 19.7 Only drivers and officials are permitted in the designated claim area. Any other participants associated with that racecar that enter the claim area will be subject to disqualification, fine and/or suspension.
 - 19.8 Only a driver may claim, and only the claimed driver may agree to accept or refuse the claim. The first statement of acceptance or rejection of the claim by the claimed driver is binding.
 - 19.9 Any driver refusing to accept a claim will forfeit all cash winnings and contingency awards for that event. Any driver refusing to accept a claim will forfeit all USRA points (national and track) accumulated up to, and including, the event at which the claim was made. Furthermore, driver will forfeit the privilege to make a claim for a period of one (1) year from the date on which the claim was refused.
 - 19.10 Sabotage of claimed parts will result in driver being suspended from all USRA events for fourteen (14) days and until a \$1,000 fine is paid and received by the USRA. Driver will also forfeit all USRA points (national and track) accumulated up to, and including, the event at which the sabotage occurred. Furthermore, driver will forfeit the privilege to make a claim for a period of one (1) year from the date on which the sabotage occurred.
 - 19.11 Driver must compete in three (3) consecutive USRA events prior to executing a claim. Driver may claim a maximum of three (3) times during the calendar year.
 - 19.12 The USRA reserves the right to disallow any claim at their discretion.
 - 19.13 At their discretion, officials reserve the option to claim the shocks or ignition box of any racecar. Officials may exchange ignition boxes at any time.
 - 19.14 Disqualification shall not affect a legal claim. Claimed parts will be removed and transferred prior to any penalties being assessed.

AMENDMENTS

None.

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