

DUBUQUE IOWA RACE TRACK – “DIRT”

GENERAL RULES

- 1) No illegal substances are allowed on the Dubuque Fairgrounds and will not be tolerated.
- 2) Foul Language and aggressive or abusive behavior will not be tolerated.
- 3) Race director and/or computer operator should not be distracted during races.
- 4) Race director reserves the right to “black flag” any driver who is operating in a reckless or uncontrolled manor or that may constitute a hazard to other drivers in the race.
- 5) Drivers should not be distracted during races.
- 6) If you leave the driver’s stand during a race, you may not return to the race.
- 7) You must corner marshal the race following your race. If a substitute is needed due to physical or other reasons, it is your responsibility to arrange for a substitute.
- 8) Corner marshals must pay attention to their corner and be prepared to give assistance or remove cars from the track.
- 9) Disputed race results will be addressed and attempted to be resolved by the Race Director and/or Race Committee. All decisions are final.
- 10) No hybrid or altered rotors in any brushless motors.
- 11) No mechanical, adjustable wings from radio, no front brakes allowed.
- 12) All classes of racing, unless noted, will be required to run a maximum of a 2-cell, 6000mah, 50C rating, lipo batteries in a hard case. Battery must have a quick release plug in.
- 13) All racers must sign a liability waiver the first time they race each season and they will receive a set of track rules at that time. Racers under the age of 18 must have the waiver signed by parent or guardian. Waiver can be obtained at the track.
- 14) All races will be 4 minutes in length; mains will be 4 minutes in length, unless noted otherwise.
- 15) Cars go on to the track by turn one and you remove your cars from the top of turn 4.
 - 16) If it doesn’t say you can do it in the rules then you cannot do it.

RACE PROGRAM

- 1) Weekday program consists of two qualifiers (min.) and mains.
- 2) Weekend program consists of three qualifiers and mains.
- 3) No substitute drivers in the mains.
- 4) You must race the car that you qualified with and start in the correct qualifying spot.
- 5) Minimum of two cars in a class. Race Director reserves the right to combine classes of similar speed to maintain a smooth running program.
- 6) Drivers should supply their own personal transponder. Race Director will attempt to arrange for a loaner for novices or visiting drivers.
- 7) Race Director will not be responsible to hand count cars that do not pass the scoring loop.
- 8) Qualifiers will use a “rolling” or IFMAR start, Mains use a “heads up start” or standing start.

ALL 2WD CLASSES:

All entries must be 2wd and rear wheel drive only unless the class calls for it to be a 4WD class. For turn marshal safety, all cars must have a front bumper that is made of a shock absorbing material. Front bumpers must be mounted in such a way that they will contact an object prior to any other portion of the car in a front impact. All cars must have a 4wheel independent suspension. No straight axle cars allowed, single speed transmissions only. All modified bodies, sprint car bodies and cages must resemble contemporary full scale cars racing in the “World of Outlaws” and “DIRT” sanctioned events. All corners of bodies and wings must be rounded for safety. No silicone or rubber capped tires are allowed.

1/8TH SCALE LATE MODEL CLASS

CHASSIS:

1. MUST BE AN 1/8TH SCALE PRODUCTION BASED 4 WD BUGGY DRIVE TRAIN CAR.
2. NO OFFSETTING A-ARMS OR NARROWING OF A-ARMS.
3. MUST HAVE DOG BONE CENTER DRIVE TRAIN, NO ON-ROAD DRIVE TRAINS.
4. WHEEL BASE: 12 5/8" TO 13"
5. WIDTH: 11 1/4" MIN. TO 13" MAX.
6. ANY AND ALL PARTS MUST BE FLUSH OR INSIDE THE TREAD WIDTH. 1/8" TOLERANCE.
7. ALL CHASSIS AND TIRES MUST REMAIN UNDER THE BODY.
8. MUST HAVE A FRONT BUMPER. NO METAL OR CARBON FIBER FRONT BUMPERS. MUST HAVE FOAM ON FRONT BUMPER.
9. ANY ONEWAY DIFFS, SMART DIFFS OR CENTER SPOOLS ALLOWED.

BODIES:

1. MOLDED ONE-PIECE BODIES ONLY. NO HOMEMADE BODIES ALLOWED.
2. NO ADDITIONAL SIDE DAMS, WINGS, FLAPS, SPOILERS, WICKERS OR DOOHICKEYS WILL BE ALLOWED.
3. A HOLE OR HOLES ARE ALLOWED FOR MOTOR COOLING.
4. CUTTING OUT THE WINDOWS AND DECKING THE BODY IS ALLOWED.
5. ALL BODIES MUST BE APPROVED.

BODY LIST:

C&M 2011 "ASSASSIN"	C&M 2009 "ATOMIC"
LOSI #LOSA8096	OFNA #31143
RJ SPEED #1015 & #1030	A+ ONE PIECE
2009 STALKER	2010 STALKER SS
2010 ONSTAT LM "BULLET"	C&M 2011 "ATOMIC SC"

REAR SPOILER:

1. REAR SPOILER CAN ONLY BE AS WIDE AS THE BODY AT THE REAR QUARTER PANELS.
2. REAR SPOILER LENGTH IS 3" MAX. THE CORD IS MEASURED FROM THE DECK LID TO THE END OF THE MATERIAL USED FOR A SPOILER.
3. THE END CAPS MUST BE A TRIANGULAR SHAPE. 4 1/4" LONG, 2 1/2" TALL AND CAN NOT EXTEND OUT MORE THAN 1" PAST THE REAR SPOILER.
4. A THIRD FIN OF THE SAME SHAPE CAN BE USED ANYWHERE ACROSS THE DECK LID.

WHEEL AND TIRE SPECS:

1. RUBBER TIRES ONLY.
2. ALL WHEELS TO BE 17MM BUGGY BASED.
3. NO PIN TIRES ALLOWED, MUST RESEMBLE A STREET TREADED TIRE.
4. THE DLM2 TIRE IS ALLOWED.
5. MAX. TIRE DIAMETER IS 106MM. MAX. TIRE WIDTH IS 46MM.

WEIGHT:

1. MINIMUM WEIGHT AT ANY TIME IS 8 1/2 LBS. CAR CAN BE WEIGHED AT ANY TIME.

GAS:

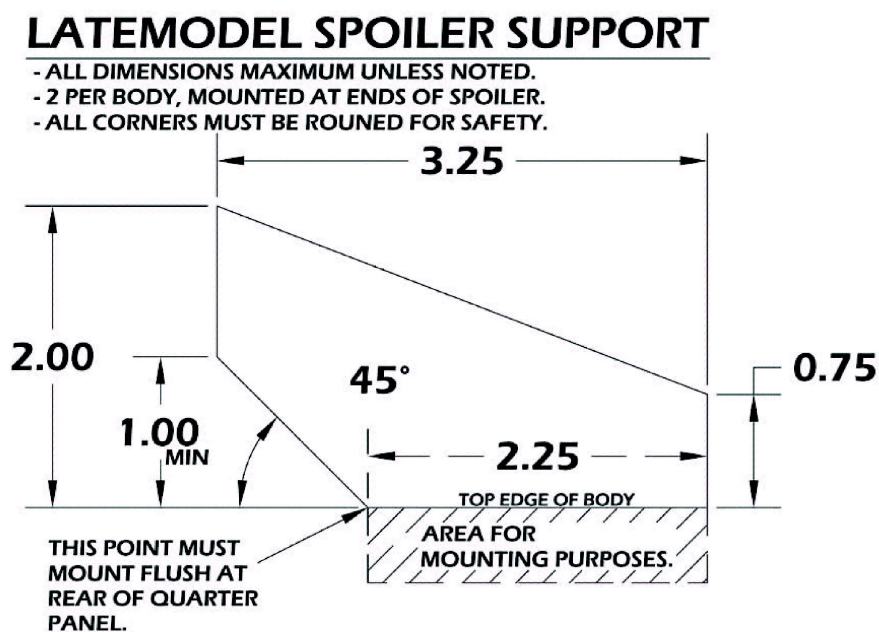
1. ANY MOTOR UP TO A .28 MOTOR
2. MAX. FUEL TANK IS A 150 CC TANK.

ELECTRIC:

1. ANY ELECTRIC MOTOR THAT IS COMMERCIALY AVAILABLE. A SIZE MAY BE MANDATED AFTER FURTHER REVIEW OF THE CLASS.
2. ANY 14.8V BATTERY, 5500MAH, 4S, 40C OR LESS IS ALLOWED.
3. ANY TWO 7.4V 5500MAH, 2S, 40C OR LESS IN SERIES IS ALSO ALLOWED.
4. ANY 11.1V - 5500MAH, 3S, 40C OR LESS IN SERIES IS ALSO ALLOWED.
5. ANY COMMERCIALY AVAILABLE ESC IS ALLOWED.

LIMITED LATE MODEL

1. Any 540 sized 13.5 brushless motor is allowed.
2. Any mid motor or buggy style chassis allowed. NO direct drive transmission allowed.
Wheelbase: 9.5" minimum, 11.5" maximum. Maximum width: 10.25"
3. Battery – Any hard cased battery that is a 2-cell max., 7.4V Lipo battery in a hard case with a maximum of a 30 "C" rating. Battery label must be intake for variation purposes. If label is missing or has the appearance that it may have been changed or removed the pack WILL NOT BE LEGAL to race in any limited class.
4. Any Sportsman ESC/ ESC in a sportsman setting is allowed.
5. Rubber tires only front and rear. Custom Works Street Trac tires and rims (front tires part number 6204 or 6205, rear tires part numbers 6213, 6214 or 6215). All Custom Works rear tires must be mounted on Custom Works rims. Front rim part number is 6252 and rear rim part number is 6253.
6. 50 oz. minimum with transponder before or after the race.
7. Rear spoiler maximum chord is 2.75" from the body deck including any wickerbills.
8. 2 Spoiler end cap braces allowed, sized per drawing below. One support fin will be allowed on the spoiler and must be the same dimension as the end cap and be located anywhere on the spoiler between the two end caps.
9. Approved Late Model body list below:
 - Custom Works 9001 Open Comp Camaro
 - Custom Works 9005 ProMod Lumina
 - Custom Works 9006 ProMod Thunderbird
 - Custom Works 9012 Eldora Late Model
 - Custom Works 9014 Peducah Late Model
 - McAllister 207 Tulsa Late Model
 - McAllister 250 Vegas Late Model
 - McAllister 252 Winchester Late Model
 - McAllister 237 Bakersfield Late Model
 - BMS Racing P103 Shadow
 - Factory Works 7353 Rocket Late Model
 - Factory Works 7357 Concord Late Model
 - C & M Bodies 2010 Volunteer Late Model
 - C & M Bodies 2010003 Nightmare Late Model



LIMITED MODIFIED

1. Any 540 sized 13.5 brushless motor is allowed.
2. Any mid motor or buggy style chassis allowed. NO direct drive transmission allowed.
Wheelbase: 9.5" minimum, 11.5" maximum. Maximum width: 10.25"
3. Battery – Any hard cased battery that is a 2-cell max., 7.4V Lipo battery in a hard case with a maximum of a 30 "C" rating. Battery label must be intake for variation purposes. If label is missing or has the appearance that it may have been changed or removed the pack WILL NOT BE LEGAL to race in any limited class.
4. Any Sportsman ESC/ ESC in a sportsman setting is allowed.
5. Rubber tires only, front and rear.
Custom Works Street Trac tires and rims (front tires part number 6204 or 6205, rear tires part numbers 6213, 6214 or 6215). All Custom Works rear tires must be mounted on Custom Works rims. Front rim part number is 6252 and rear rim part number is 6253.
6. 50 oz. minimum with transponder before or after the race.
7. Body rules are below:

Must have hood that extends from front of inner panel to the front bumper. Front bumper must be mounted flat and cannot be angled up to act as a wing. An additional front body panel is allowed on the front of the car but may not extend forward of the front bumper. Front and rear windows must be removed and any clear portion is included in max roof length dimension. Side windows and A pillars must attach to side panels at top edge of door and must also contact entire length of roof (i.e. no large gaps between roof and top of windows, no Ttops). Roof width must be 1.000" narrower than inner panel max width dimension. Side windows must remain clear and no portions of side window may overlap side or sail panel. As an alternative side window material may be removed but "A" pillar must still remain intact from front of door to front of Roof. Roof, windows, side and sail panels must be symmetrical. Front edge of doors must stay back a minimum of 2.500" of the front axle with wheels straight. Front of sail panel may be no more than 1" forward of rear tire leading edge and cannot overlap side windows. Rear of sail panels may attach to the rear spoiler. The rear of sail panels may only be as high as the spoiler. No additional lips or flaps are allowed with the exception of a .250" bend at top of sail panel. Reasonable size and quantities of braces are allowed if desired. Bodies must have at least 1/3 of right rear tire exposed when viewed from front, top and rear of car. No rear wheel cutouts are allowed on the horizontal plane of the inner panel. Firewall area must be closed in as much as possible from door to door over the chassis.

- Maximum length: 22.000"
- Maximum width of inner panel: 8.000"
- Minimum hood width: 4.000" Maximum hood width: 6.000"
- Maximum hood side drop: .750"
- Maximum front bumper width: 6.000"
- Front body panel max width: 4.000"
- Front body panel max chord length: 5.500"
- Max roof width: 7.000"
- Minimum roof height: 5.000" from bottom of chassis
- Maximum height of body at highest point: 7.000" from bottom of chassis
- Maximum roof length: 5.000" plus additional .500" rear spoiler allowed on roof
- Maximum side panel length: 12.000"
- Rear spoiler: max chord is 2.750" from body deck including any wickerbills.

LIMITED SPRINT CAR

1. Any 540 sized 13.5 brushless motor is allowed.
2. Any sprint car chassis is allowed. NO direct drive transmissions allowed.
Wheelbase: 9.5" minimum, 11.5" maximum. Maximum width: 10.25"
3. Battery – Any hard cased battery that is a 2-cell max., 7.4V Lipo battery in a hard case with a maximum of a 30 "C" rating. Battery label must be intake for variation purposes. If label is missing or has the appearance that it may have been changed or removed the pack WILL NOT BE LEGAL to race in any limited class.
4. Any Sportsman ESC/ ESC in a sportsman setting is allowed.
5. Rubber tires only, front and rear.
Custom Works Street Trac tires and rims (front tires part number 6204 or 6205, rear tires part numbers 6213, 6214 or 6215). All Custom Works rear tires must be mounted on Custom Works rims. Front rim part number is 6252 and rear rim part number is 6253.
6. 52 oz. Min. with transponder before or after the race.
7. No front wing allowed.

Must have scale appearing cage, hood, side panels, nerf bars and bumpers. Minimum of a 4 post cage required that resembles a drivers cockpit. A driver arm guard area is permitted on right side panel but must be of reasonable size. All electronics and radio gear must be positioned inside the cage side frames. Three dimensional scale appearing exhaust headers must appear on both sides of car in "engine area" and be made of round stock or molded polycarbonate. Rear cage side panels may be used but may not extend beyond rear cage frame. No lexan or any other material may be mounted to nerf bars, bumpers, cage, wing or any other part of the car that will trap, alter, or direct air flow for the purpose of gaining an aerodynamic advantage. Must have appropriate openings on both sides of cage in driver compartment, forward portion of side panels can be no taller than highest point of hood, no solid side panels.

- Maximum Length: 18.000"
- Maximum width of hood: 3.600"
- Maximum cage width at driver halo, down tubes, and top frame rail: 3.600"
- Minimum vertical gap from top of hood to front cage crossbar: .750"
- Wing minimum height at leading edge: 5.000" from bottom of chassis

Wings: Center section and side panels must be made from at least 3 separate pieces of polycarbonate, carbon or aluminum material. All corners and edges must be rounded and free of sharp edges. Main wings must be mounted so that they are centered on cage, no offset wings. Wing center sections must have all 4 corners set at 90 degree angles, no canted or angled panels. Wings must also be mounted level from side to side. Center section of wing may not extend beyond leading or trailing edge of side panels. Side panels must have braces that hold side panel rigid at 90deg. to center section during race conditions. Two braces are required from top of the center foil to the left sideboard and one brace is permitted below the center foil to the right side board. Braces can be a maximum of .750" wide and front edge of front brace must be no more than 1.5" back from side panel leading edge. Side Panels may have front, back, top and bottom turnouts of no more than .375" and are included in max dimension. Flat foil center sections will be allowed a .250" turndown at the leading edge.

7x7" Wing is the maximum size allowed: see drawing below

OPEN SPRINT CAR

1. Any 540 sized brushless motor is allowed.
2. Any sprint car chassis is allowed. Direct drive transmissions allowed.
Wheelbase: 9.5" minimum, 11.5" maximum. Maximum width: 10.25"
3. Battery – Any hard cased battery 6000mah max., 50C max. rating, 2cell max. 7.4V Lipo battery in a hard case.
4. Any ESC is allowed.
5. Rubber tires only, front and rear. Buggy tire maximum sizes:
 - Max wheel diameter: 2.2" front and rear
 - Max wheel width: 1.75" rear, 1.00" front
 - Max tire width: 1.85" rear, 1.25" front
6. 52 oz. minimum with transponder before or after the race.

Must have scale appearing cage, hood, side panels, nerf bars and bumpers. Minimum of a 4 post cage required that resembles a drivers cockpit. A driver arm guard area is permitted on right side panel but must be of reasonable size. All electronics, and radio gear, must be positioned inside the cage side frames. Three dimensional scale appearing exhaust headers must appear on both sides of car in "engine area" and be made of round stock or molded polycarbonate. Rear cage side panels may be used but may not extend beyond rear cage frame. No lexan or any other material may be mounted to nerf bars, bumpers, cage, wing or any other part of the car that will trap, alter, or direct air flow for the purpose of gaining an aerodynamic advantage. Must have appropriate openings on both sides of cage in driver compartment, forward portion of side panels can be no taller than highest point of hood, no solid side panels.

- Maximum Length: 18.000"
- Maximum width of hood: 3.600"
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- Minimum vertical gap from top of hood to front cage crossbar: .750"
- Wing minimum height at leading edge: 5.000" from bottom of chassis

Wings: Center section and side panels must be made from at least 3 separate pieces of polycarbonate, carbon or aluminum material. All corners and edges must be rounded and free of sharp edges. Main and Front wings must be mounted so that they are centered on cage, no offset wings. Wing center sections must have all 4 corners set at 90 degree angles, no canted or angled panels. Wings must also be mounted level from side to side. Center section of wing may not extend beyond leading or trailing edge of side panels. Side panels must have braces that hold side panel rigid at 90deg. to center section during race conditions. Two braces are required from top of the center foil to the left sideboard and one brace is permitted below the center foil to the right side board. Braces can be a maximum of .750" wide and front edge of front brace must be no more than 1.5" back from side panel leading edge. Side Panels may have front, back, top and bottom turnouts of no more than .375" and are included in max dimension. Flat foil center sections will be allowed a .250" turndown at the leading edge.

7x7" Wing is the maximum size allowed: see drawing below

SPRINT WINGS: BUGGY TIRE
- ALL DIMENSIONS ARE MAXIMUM UNLESS NOTED.

MAIN WING DECK:

- MAX 7" X 7" SQUARE
- PLUS 1/2" MAX REAR SPOILER

FRONT WING DECK:

- 4" WIDE x 3" LONG

SIDE PANELS:

- SIDE PANELS MUST BE MOUNTED WITH A MINIMUM OF 1/2" ABOVE AND BELOW THE TOP OF WING CENTER SECTION ON EACH SIDE OF THE WING.
- LEFT SIDE PANELS ARE 90 DEG AT ALL 4 CORNERS AND ON SAME PLANE.
- RIGHT SIDE PANELS MUST BE 90 DEG AT THE TOP 2 CORNERS. ALL 4 CORNERS ON THE SAME PLANE.

