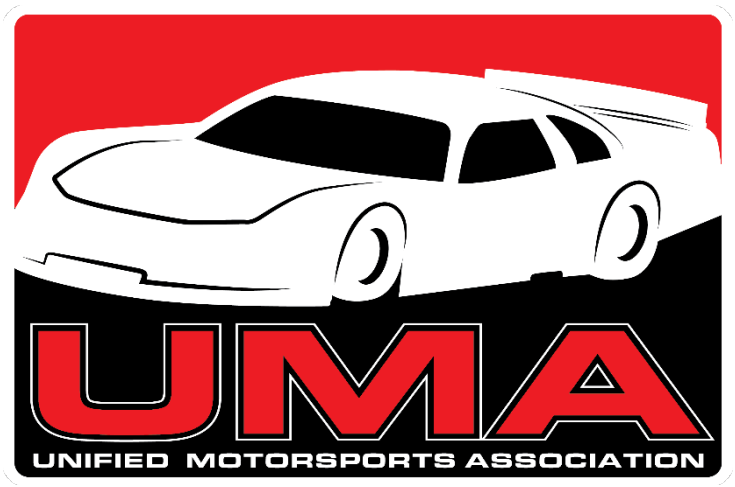


2022 Bandit / Mini-Stock 4-Cylinder

Unified Motorsports Association of Asphalt Racing
UMA- 4-Cylinder Bandit/Mini-Stock 2022 Rules 6.1

General: *These rules and regulations are designed to govern driver and crew member conduct during UMA racing events. By participating in these events, all drivers are required to comply with these rules. While UMA makes no claim of guaranteed safety, these rules are enforced as a guide for the conduct of the sport. UMA is in the entertainment business. Drivers, Owners, Crew and UMA Staff cooperate to provide this exciting level of entertainment. All rules, race scheduling and structure, are designed and implemented to support a balance between competition and entertainment value. Drivers and crew are required to conduct themselves as professionals at all times. UMA may change any rule at any time in an effort to reduce the cost of racing, maintain equal competition, or improve safety.*

Procedural Rules: *It is the goal of Unified Motorsports Association management to maintain the safest possible racing conditions for all drivers, fans & track personnel. Only safety crews and wrecker crews are permitted on the track in the event of an accident. Pit crew members are not permitted on the track. Drivers are required to stay in their car in the event of an on-track incident. If a driver, for whatever reason, exits a car on the track during a caution period, the race will automatically be placed under a red flag and all cars will come to a complete stop. A driver may exit a car if requested by a safety crew member or if safety warrants in cases such as a fire or if car is upside down. Drivers that exit a car without permission, for whatever reason, are subject to fine and/or suspension at the discretion of track management. Drivers are also encouraged to drop the window nets after an accident as a sign to approaching safety crew members that they are ok, especially in a multicar situation to alert approaching safety crew members which drivers are in need of urgent attention.*

Rules Infraction Policy: *UMA Management may suspend or fine any driver, team member, or car owner for violation of track rules, policies, or procedures. Management has right to confiscate any item that is in violation of the rules.*

Bandit Breakout Rule: The Bandit class at **Dells Raceway Park** will have a Breakout Rule - faster than a pre-determined lap time will result in disqualification and black flagged from the event and or qualifying after receiving a one warning for a violation over the Raceciever.

Dells Breakout Time - 16.800

2022 Bandit / Mini Stock Specifications



1. SAFETY EQUIPMENT

1a. SEATS - Approved aluminum driver's seat required.
Seat must be fastened to frame/roll cage with minimum 3/8" grade 5 bolts and oversized washers and located to give adequate distance from driver's arm to door bars. Shoulder supports on right and left sides of seat and head support on right are recommended. Full containment seats recommended. (No Carbon Fiber). Seat may not protrude outside 4 point upright or top cage halo. Leg containment supports are recommended.

1b. SAFETY BELTS-*Belts must be dated within 3 years of event date or newer.*
A minimum five- point harness system is mandatory. Competitors using the HANS device may use a standard three-inch (3") or the Schroth style or equivalent two inch (2") wide shoulder strap. Belts must be anchored to roll cage or frame using grade 5 bolts ½" min diameter required. Shoulder harness must not be anchored lower than 2-inches below drivers shoulder height. 6-point belts (double crotch strap) are recommended.

1c. DRIVING COMPARTMENT – Cockpit must be completely sealed off from engine compartment and fuel cell. Roll bar padding required around driver; *Recommended: Fire retardant padding*. A securely mounted operational 2-½ pound minimum fire extinguisher with gauge visible for inspection purpose is mandatory. Extinguisher must be mounted in a quick release bracket. Fire suppression systems are recommended. Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted to roll cage so latch is at top front of window. Clearly labeled push-pull or toggle type kill switch accessible from either side of car is required. A gas pedal toe bar (kick-up) is highly recommended. No driver-adjustable devices allowed while car is in competition. No carbon fiber interior components will be allowed, likewise, no carbon fiber or titanium components allowed anywhere on car.

1d. DRIVER'S ATTIRE-Complete SFI- approved fire retardant driving suit and gloves required. Eye protection and a ***Snell SA-2010, SA-2015*** or newer helmet required. Snell "M" or D.O.T helmets not allowed. Head and Neck restraints (HANS Type), fireproof shoes, are recommended. UMA officials will monitor items related to safety, but ultimately it is the responsibility of the driver to monitor, maintain, and update his safety equipment.

2. CAR ELIGIBILITY-Four cylinder, front wheel drive compact cars only with model year **2013** & old and older, and a maximum wheelbase of 104". Wheelbase must be within 1/2-inch of stock. No full-size cars allowed; No SUVs, cross-overs, or vans permitted. No convertibles allowed. No all-wheel drive allowed. No all wheel steering allowed. No rear engine allowed. No mid-engine allowed. All doors must be welded, chained, or bolted shut. Hood and trunk must be secured with two or more hood pins. Hood inner supports may be removed. All glass (head, tail, and marker lights) except windshield must be removed. You may replace the windshield with Lexan. Lexan windshields require bracing; 2 braces minimum are recommended. Plastic, trim, and items that could break, burn, or fall off, must be removed in and outside the car. Skirts, hood scoops front air dam and a 5" max height rear spoiler blade may be installed. You may relocate the battery. If in driver's compartment, must be covered with a marine case or similar; battery must have steel to steel tie downs. If battery is located in the engine compartment, the positive battery post must be covered to help prevent shorting out to any metal components. Anything that can be unbolted (hinges, brackets, etc) may be removed. After market nose pieces are allowed "Rub rails" allowed between front and rear wheel wells. Ends must be chamfered and capped (no sharp edges). A professional appearing paint job in an attractive color required. All lettering must be professional and in good taste. Numbers: 18-inches on both sides, and roof, readable from the right side.

3. ENGINE GENERAL SPECIFICATIONS-Stock engine for make, model, and year. 4 cylinder SOHC or DOHC engines (no turbos or superchargers). **The Honda V-Tech and Nissan 2.5 liter DOHC engines are not allowed.** No aftermarket performance parts, No Rotary Engines. Engine Block must be standard production OEM block, No aftermarket blocks and engine must have all identification numbers Fuel injection is only allowed on cars that came factory equipped as such. Dry sump oiling systems are not allowed. **Air cleaner must be stock, unmodified (stock style paper element) Must have Factory Air Box Intake.** Engine Location may not be altered, No motor set back or offset, engine must remain in original position. You may remove unnecessary parts and wiring (A/C compressors, smog pumps, etc.) Engines may not cross MFG lines. Stock cast iron or steel all parts must be OEM. All insulation under hood must be removed. No plastic lines to oil pressure gauges – steel braided preferred. Engine's horsepower as determined by manufacture.

4. COOLING SYSTEM-Shroud above fan mandatory, if running a mechanical fan. Electric fans allowed on back side of radiator only. Radiator over-flow required. Antifreeze or similar products are strictly prohibited and carries a **$50 fine** if found. Fine will double per occurrence. Radiator must remain in stock location.

5. SUSPENSION-Must remain stock for make, model, and year. Stock struts only. Slotting of strut mounts is allowed in order to meet camber rule. Any steel spring that fits in stock location is allowed. Spring rubber inserts or anything that acts as an insert between coil spring coils are not allowed. Bump rubbers on strut shafts are allowed but must allow suspension travel of no less than 1 and 1/2 inch with driver in car at any corner where they are used. Dust boots on struts must be removed for inspection of struts and bump rubbers. Suspension must have travel in both up and down directions from ride height as sitting in tech. Ride attitude must be maintained. The only optional exceptions are as follows: You may run camber on the front and rear wheels, but total camber must not exceed 1-3/4 inch on any tire when measuring the difference between the top of the rim and the bottom of the rim with straight edge.
Except for exhaust components, Minimum ground clearance 4" (with driver) for all mechanical parts and hardware, 5" for any body part.

6. WEIGHT

6a. A Minimum weight of 2350 lbs for single overhead cam cars

6b. A Minimum weight of 2450 lbs for dual overhead cam cars

6c.The Honda V-Tech and Nissan 2.5 liter DOHC engines are not allowed

6d. Weight reductions or additions may be implemented in an effort to maintain equal competition.

6e. All weights include driver and are minimums after the race. No right side minimums, Total Weight Only, No Fuel allowance.

6f. All weights must be properly anchored with minimum of ½" grade 5 bolts with oversized washers and be painted white, and have car number on it.

6g. Any loss of weight from any car will result in a $50 fine. Fine will double per occurrence.

6h. No tungsten, lead shot, ball bearing type, or liquid type allowed. No moving weight or weight moving devices allowed. All weight must be in solid blocks.

6i. WINNERS EQUALIZATION RULE

For each feature win 20#'s of weight will be added. Driver will carry 10# of that weight from any feature win for the remaining regular season point's nights, the other 10# can be removed after the third night of competition following the feature win. Feature winners' weight applied at the next race event they are competing in. Weight stays with the driver if a change of car is made.

6j. WEIGHT PENALITIES: See Below

WEIGHT	*OFFENCE*	*POINTS*	*FINE*
1-5 LBS LITE	*ANY OFFENCE*	*-10 POINTS*	*-$0*
6-10 LBS LITE	*ANY OFFENCE*	*-25 POINTS*	*-$50*
11 LBS & OVER LITE	*ANY OFFENCE*	*DQ*	*DQ*

7. TIRES-Stock passenger car radial DOT tires only.

No Racing slicks, Race tires, or Falken Tires allowed.

13" tires max width P205, 70, 65, & 60 series allowed.
14" tires max width P205, 70, 65, & 60 series allowed.
15" tires max width P205, 70, 65, & 60 series allowed.
Tires must not exceed $75 MSRP. Management may claim any tire for $50.
Tire Sizes may vary from left and right for stagger purposes.
Tires may not extend out from body of car by no more than 2"**.**
Chemical treatment of tires (softening) is not permitted and if found guilty will result in the disqualification from the event and loss of prize money and points. Drivers guilty of altering and/or chemical treatment of tires will also be suspended for the next night of racing. If a driver is found altering and/or chemical treatment of tires on the last night of competition, he/she will be disqualified for that night of points and prize money and deducted of all points from the previous night of competition.

8. WHEELS- 7-inch wide maximum steel wheels only. (No aluminum or magnesium) Wheel size allowed is 13", 14"or 15" however, wheels must be same size per axle. One valve stem per wheel maximum. The use of any bleeder valve prohibited**.** You may run aftermarket heavy-duty wheels, minimum numerical backspace of 3-5/8" (example: 4", 4 .5", 5" are allowed, and 3", 2.5", 2" not allowed). Wheels of 3-5/8" backspacing will not be allowed to use wheel spacers. All other wheels will be allowed to use wheel spacers up to 1/2" thick.1-inch hex style steel lug nuts only and must show a minimum of two (2) threads through the nut, must extend through the lug nut when clamping the wheel to the hub, aluminum lug nuts are not allowed.

9. ROLL CAGE-Minimum required: two point hoop bar behind driver's seat, recommended four point cage around the driver, in either case of 1 3/4" diameter .090" wall, mild steel tubing. No exhaust tubing or water pipe. Roll bar/cage must be sufficiently welded to floor/rocker box, or welded to sandwich plate bolted to floor**.** Top of roll bar/cage must be reinforced to the rear with two bars, either to spring towers or rear frame**.** Spring towers may be connected side to side, at both front and rear suspension. Main roll bar behind driver must contain a diagonal bar. Three (3) door bars, driver side and passenger side minimum required. Mandatory is a driver side steel deflector plate, 1/8" minimum thickness. Recommended to have 5 side to side bars top of main hoop, bottom of main hoop about 4" above floor middle of main hoop directly behind seat top front of cage by windshield, and at front of cage at dash height. The cage must protect the driver. Safety padding required around driver (door bars and roll cage bars) you may skin door panels for installing roll cage.

10. BRAKES- Car must have functional hydraulic brakes on all four wheels. No aftermarket brake proportioning valves. No drilling or drilled rotors Stock components only, (no aftermarket) No wheel fans or electric blower motors allowed.

11. FUEL TANK-Stock fuel tank located in front of rear wheels can be left there but must be secured with metal straps**.** All other fuel tanks or fuel cells must be mounted in the trunk area between the rear wheels as far forward as possible, mounted on top of floor pan, and protected from rear collision. Tanks must be fastened with steel straps, bolts, and oversized washers**.** A complete steel firewall must be between the tank and the driver's compartment. If car came as a hatchback style, and fuel cell is in rear trunk area, a firewall will have to be built into car. Fuel cells are recommended with 8 gallon capacity maximum.

12. EXHAUST SYSTEM-Mufflers are Mandatory and are not to be tampered with or hollowed out. Any car without mufflers will not race. Exhaust must exit behind the driver under the car and meet 100 decibels Maximum at 100 feet. No car expelling flame, smoke or backfiring allowed. First few inches of exhaust must be OEM stock out of manifold and finished with Maximum 2 1/2" O.D No flex pipe; No dual exhaust or aftermarket headers**.** Cast iron exhaust manifold or OEM header only allowed, header must have been offered from manufacturer as a production build. Coatings on exhaust pipes are not allowed.

13. STEERING WHEEL- Stock, manual or power units only. No aftermarket components. Fabricated steering column must use 2 U-joints. Removable steering wheel allowed. Collapsible steering column recommended.

14. DRIVETRAIN-Stock transmissions only. (All gears should be operational including reverse). **14a.** All plugs (drain, inspection, etc.), must be safety wired where possible.

15. ELECTRICAL SYSTEM--All ignition systems must be 12 volts. Battery must be securely mounted in stock location or inside of car. All cars must have an ignition disconnect switch that is both accessible to driver and safety crew. No high performance or aftermarket ignition systems permitted. Battery cables must have grommets on box to prevent chaffing. ECM or computer must be same for vehicle used.

16. TRANSPONDERS/RADIOS/ELECTRONICS/MISC
16a. TRANSPONDER: 85" behind front edge of car with clear view of track.
16b. **RACEceivers** are mandatory for Race Director Communications frequency is 454.000
16c. RADIOS: 2-way-radios are not allowed.
16d. CAMERA: Two cameras max allowed must point out front or rear window.
16e. ELECTRONICS: No Data Logging gauges or Data recording/acquisition equipment are allowed. No computer or video analysis equipment of any kind allowed.
16f.CHAMPIONSHIP POINTS: will be awarded per your finishing position. If drivers are disqualified, points do not advance, only winner's purse is past onward.
16g TEAM DRIVING: Not Allowed.

17. LOCAL TRACK VISITING EXCEPTION: Cars from local neighboring tracks that have similar but differing rules, and/or similar performance, may be allowed to participate during the season in the interest of welcoming competition. These cars may be granted temporary eligibility status for one week at the discretion of UMA officials on a case-by-case basis for eligibility and rule book conformity.

18. TECH INSPECTION-All cars are subject to inspection ANYTIME before, during, or after a race; Officials reserve the right to disqualify cars, require changes, confiscate illegal parts etc. Any interference with any official(s) and his/her duties will result in an automatic disqualification, and/or possible suspension. Disqualification (except weight violation) is retroactive to ALL previous events competed in that race meet. Any driver/owner refusing to allow the track officials to inspect his car will lose points and money earned for the night. Driver must provide their own tools.