

TEXARKANA 67 SPEEDWAY

2018 Hobby Stock Rules

- BODY:** American made factory street cars, excluding convertibles, sport compacts, front wheel drives and sub-compacts are not allowed.
Minimum wheel base is 108" +/- 1 inch. Wheelbase must remain exactly as factory and the same on both sides. Body and frame must match make and model car. Body must remain in stock appearance for the cars make and model. Fenders, doors, hood and trunk may be fabricated from sheet metal but must remain stock appearing. Must have stock steel roof. Spoilers allowed, may not exceed 6 inches in height, no wider than rear deck. 12" max side length. Rear of body must be fully enclosed. Must have factory fire wall and floor pan to pinion on rear end. Older cars that have had the passenger side floor pan removed can fabricate floor pan on passenger side only as to make it full floor pan effect or sheet metal interior. Must have 12" or bigger access panel in decking if interior is enclosed. Must use steel sheet metal on floor pan. Holes in fire wall must be covered. Nose and tail piece allowed. Hood scoops and skirting ok. Bumpers may be fabricated. May cover rear side windows and have visors front and rear as long as it does not restrict drivers vision. Sunroofs and t-tops must be covered.
- FRAME:** Frame must be full and complete. Cannot be widened, narrowed, shortened, lengthened, or be cut, bent, or altered to change suspension brackets. Rear of frame behind upper shock mounts may be replaced with round, square, or rectangle tubing. Cannot narrow right rear frame for tire clearance. No frame alterations allowed. All bars forward of cage must be lower than the hood. Frame may be notched for fuel pump clearance. No external rub bars.
- ROLL CAGE:** Must be minimum of 8 point. Minimum of 1 ½ o.d. by .095 wall thickness. Minimum of 3 door bars in driver side and 2 door bars on passenger side. Four-point quick release seat belt harness required for driver. Racing seat required. Must have at least 3 bars in front of driver and driver must wear full fire suit. Seat must be 25 inches from the center of axle tube. Racing fuel cell required max 32 gallon. Fuel cell cannot be mounted bellow frame rails and must be mounted with at least 2 2 inch flat straps and wrap all the way around fuel cell. Fuel cell must have at least one bar between it and the rear of the car for protection.
- WEIGHT:** Minimum weight of 3000 after feature with driver. All weights must be painted white and have car number on them. Weights must be mounted with a minimum of ½ o.d. bolts. No weights allowed above deck or inside drivers compartment.
- ENGINE:** Small block chevy 305 or 350 blocks only Chrysler and ford must run chevy engine and transmission. Cast or hyperutectic pistons only no forged pistons and no floating wrist pins. Must have 4 equal valve relief pistons. Oem 3.480 stroke crankshaft only and cannot be lightened. No aerowing, bullnose, knife edging, undercut or drilling of second or third rod throws. Oem steel 5.7 connecting rods only. Must remain stock weight and shape. No lighting of any parts. Aftermarket water pump, fuel pump, mini starter, pulleys, harmonic balancer and oil pan ok. Aftermarket power steering pump ok. No aluminum oil pans. No stroking or de-stroking of any kind allowed. Engine set back may be no further than #1 spark plug past upper ball joint. Solid motor and transmission mounts ok. Oil pan must have a 1 inch inspection plug. No head studs, main studs, billet main caps, or main girdles. No gapless rings. Decking ok, piston must not protrude past deck. Align hone ok. Arp bolts ok.
- CAMSHAFT, VALVE TRAIN, AND HEADS:** hydraulic cam and flat tappet lifters only. .480 max lift. Stock diameter lifters only .842. Must maintain factory firing order. No hydraulic rollers, Rhodes, variable duration, or anti pump up lifters. Factory replacement lifters only. Max intake valve size 2.02 exhaust 1.60. No hollow valve stems. Stock diameter valve spring and retainer 1.250 +/- .015". Stamped steel 1.5 rocker arms only. No roller tips. Screw in studs and guide plates ok 3/8 only. Heads allowed are 14079267, 3986336, 3986339, 3986339x, 3986388, 3932441, 376445, 3928454, 3932454, 3876487, 3973487, 3973487x, 3973493, 3951598, 468842, 330862, 333882, 3998920, 3998991, 3998993, 3998997, 3970126, 3917291, 3917292, 3927186, 3927187, 3782461, 3782461x, 3991492, 3890462, 3891462. No angle plug heads. No bowtie, vortec, or Brzezinski heads.
- CARBURATION AND FUEL:** Cast holley 4412-2 barrel or unaltered quadrajet only. Must be unaltered. Choke plate can be removed. 4412 must be cast into choke horn of carb. Maximum spacer and adapter 1" combined total. Fuel pump must be in stock location. No electric pumps or fuel injection allowed. No racing gas of any kind. Pump gas only no additives what so ever.
- EXHAUST:** Factory manifolds or header. Max 1 5/8 tube and 3" collector on headers. No step tube or try-y headers allowed. Exhaust must exit under car no fender well headers. No adapters between heads and manifold/headers. No y pipes or x pipes exhaust must remain duals

9. **INTAKE MANIFOLD:** Any single carburetor manifold with a max height of 5 inches. No porting, polishing, cutting or gasket matching.
10. **TRANSMISSION:** Any chevy stock type automatic or manual. Automatics must have working torque converter. No direct drives. Transmission cooler ok but cannot be mounted in drivers compartment. Manual must have single disc 10.5 clutch, flywheel and pressure plate must be steel. No mini clutches. Steel drive shaft only must be painted white and have driveshaft loop 6" from u-joint.
11. **SUSPENSION:** Front and rear suspension must be stock unaltered oem for that make and model of frame, ball joints, spindles, and all components. No alterations to any part of the suspension or frame will be allowed. May use racing springs in front and rear. Metric cars max height 14" and minimum od 5" on rear springs. Adjustable buckets allowed in rear only. Leaf spring cars must use replacement springs that match frame used. Camaro on camaro, Chrysler on Chrysler. Adjustable shackles ok. Non adjustable lowering blocks only and must be same thickness on both sides. Tubular upper a-arms are allowed on the front but must be mounted in stock unaltered mounts.
12. **SHOCKS:** Any non rebuild able OEM stock mount shock in stock location. No hiems.
13. **BALL JOINTS:** May run aftermarket ball joints but must be stock oem dimensions. Rebuildable ball joints ok.
14. **REAR END:** Stock rear-end for make and model no modifying axle bearings or length. All brackets and control arm, shock mounts must be in stock location. Gears may be locked must use stock unaltered ring gear carrier may weld or use bolt in locking blocks. No full spools, Detroit lockers or torque sensing devises.
15. **STEERING:** Steering boxes must remain in stock location. Aftermarket steering wheel and quick release steering coupling are recommended. Quick steer boxes allowed. No aftermarket steering boxes, oem replacement only.
16. **RADIATORS:** Any (1) radiator that fits in original location without any body or frame modifications. Water pump mounted fans only. No electric fans.
17. **IGNITION:** One 12 volt battery only must be mounted securely in rear of drivers compartment or trunk area. One stock type distributor, module, and coil in stock location only. Ignitions on/off switch must be clearly marked. No traction control devices of any kind. .
18. **BRAKES:** May use any (1) master cylinder. Aftermarket pedal ok. Must have at least 3 working brakes. May use manual shut off on right front only and must be mounted in engine compartment out of drivers reach. No bias adjustment of any kind allowed. Disk brakes allowed in rear no aluminum or composite rotors or calipers. Must use steel stock type rotors on rear disc. No lighting components.
19. **TIRES AND WHEELS:** 8" maximum wide wheels allowed, 15" diameter steel wheels only, wheel covers and mud plugs on right side only. May use bead locks on right side only. No bleed-off valves. Must run 1" steel lug nuts. Approved asphalt pulloffs only. Must durometer 51 or higher. Grooving allowed. No softening allowed. No new tires.
20. **COURTESY RULE:** Any car with "minor" rule infractions will be allowed to race 1 race. Must be determined before race. Cars with infractions are subject to weight penalty. The track will determine weight penalty and where it will be added.
21. **PROTEST RULES:** See general rules.
22. **CLAIM RULE:** Engine claim 650\$ and swap with 50\$ going to the track. To be eligible to claim another driver you must have a average finish of 5th or better in the previous 3 races and in attendance in the previous 3 races. Claiming driver must have same cubic inch engine as driver being claimed. No 305 claiming 350. A driver is only eligible to be claimed if they win 3 or more in a row. This means the past 3 races the driver competed in. Example. If a driver wins 2 races and takes a week off then comes back and wins they are still eligible to be claimed.
Shock Claim: \$75.00 and swap per shock.

Arkansas Factory Stock Rules can used but no mixing of rules!! Track will tech these cars by using the I30 Speedway Rules.

Hobby Stock and I30 Factory Stocks with both have a shock claim. \$75.00 and swap per shock.