SouthernCarlson Mini-Wedge Specs

Section 1 Car

* Wheelbase is 45” to 49” from the center of the wheels on both sides. Maximum wheel width of the outside of the tires is 45”.
* There are to be no roofs or sail panels.
* A maximum of a 4-inch spoiler will be allowed.
* Front window 3” name plates will be allowed to be placed at the top of the roll cage.
* All wedges must be constructed of steel tubing with a complete 6-point roll cage including adequate side protection. Cages must be a minimum of 0.065 x 1” steel tubing welded to the frame.
* The engine must be located behind the driver’s seat. No part of the engine can be located beside the seat.
* Floor pans are required to be made of 12 gauge steel or a minimum of 0.125” aluminum. The floor pans are to be securely bolted. No Rivets. The length of the floor pan must go from the center of the seat to the front of the frame going past the driver’s pedals.
* Axle must be a one-piece Steel Axle and a minimum of 3/16" wall thickness. No ratcheting or trick like hubs. Maximum of 38”.
* No suspension will be allowed– this includes springs, shocks, rubbers, torsion bars and any other type of dampening device.
* Tires that will be allowed are only: • Hoosier A40, 10.5X4.5-6, A40, 10.5X5.0-6. (15600 "11x6.0-6 FK or 15456 10.5x4.5x6 FK) • COBRA 11x6.00-6 or 10.5x4.50-6 No grooving or sipeing of the tires. No treating or soaking of tires. Any tire that durometers less than 48 will be deemed as treated and will result in loss of points or any other awards or prizes for that day’s event. Tires are subject to a durometer reading at any time, before or after qualifying, heats or features.
* Rim width cannot be any wider than 6½” wide and must be at least 6” tall.
* At least one vertical door bar must be welded on each side of the driver running from the main rail to side crash bars for driver protection.
* Front and rear bumpers must be mounted, always. Front and rear bumpers must have at least a 6" tall hoop.
* Front and rear down tubes are mandatory for driver’s protection.
* All tubing on the main roll cage must be at least 0.065” wall tubing.
* Driver’s seat must be mounted in four locations (4-Bolts minimum)
* Accelerator cables must always have two return springs.
* Kill switch must be in reach of the driver. It is highly recommended to have a second kill switch located on the upper B Pillar in reach for officials.
* 5-Point harness system is mandatory. All harness must have an SFI Rated patch, and must not be expired.
* Weight in Jr. class will have a minimum of 300 lbs., Sr. class minimum weight is 375 lbs.
* Any lead must be bolted securely with a minimum of two ½” bolts. Lead must be painted white with the driver’s number on the weight.

Section 2 Body

*All wedges must have a full wedge “Late Model” appearing body.
*No open fenders will be allowed.
* There must be at least 4” of body behind the rear wheels.

* There will be no covered or enclosed motors. All motors will always remain completely visible. A 4” deck can be added to the rear engine area/spoiler area. This measurement is from the rear top part of the body forward.
* Rear deck height cannot exceed a maximum of 26” from the ground or a minimum of 22” from the ground.
* Rear quarter panel cannot exceed a maximum of 24” and a minimum of 20”. * Body must be constructed of 0.040” aluminum. Plastic may be used for nose, fenders and trim.
* It is highly encouraged that the doors and quarter panels be wider than the tires.
* Two door numbers must be present with a minimum of 12” tall.

Section 3 Engine

* Restrictor plates will be required in Junior class only, which will be blue plate, which you will need to bring with you to the event. There is no restrictor plate in senior class.. You will go through the tech line prior to taking the racetrack with the tools to remove the carburetor. A tech official will assist you with installing the restrictor plate. Do not remove the plates without an official present. If a plate is removed without an official present, that will be deemed a rule infraction and could lead to penalties.

A. MWA6.5 HP(212cc) OHV Predator Engine that’s sealed with the MWA marks and serial number will be allowed.
B. 6.5 HP (212cc) OHV Predator Engine stock.
C. Engine must remain stock.
D. Fuel allowed is regular gasoline. NO Alcohol / NO E85 will be allowed. The recommended fuel for this engine is 87 octane.
E. You cannot alter the exhaust in any way. The cover can be altered to fit the chain guard if needed. No taking out the spark resistor for the exhaust.
F. You can change the spark plug.
G. You can disconnect the low oil sensor and Governor.
H. Stock Ignition Key Only!
I. Max 5600 RPM
J. NO Aftermarket Engine Parts– Cam Flywheel Rods Pistons, etc. (Must Be Stock)
K. 10.8# Valve Springs Only– Max Wire Diameter of .071
L. Aftermarket Air Filter Adapter & Filter Allowed
M. NO RACING carburetor
N. Carburetors must remain stock with no alterations
O. 1 carburetor spacer / restrictor only, no homemade or aftermarket carb spacers.
P. .031 Max Main Jet
Q. The following 2 clutches are allowed: Noram Magnum Premier Clutch or MAX-Torque Clutch. • 11, 12, 13, or 14 tooth clutches are allowed. • No modifications are allowed– No shaving of the shoes– Stock Silver Spring Only Clutches are open to being claimed as are the engines .

* No engine may be changed after any heat race has been run unless it has blown up (seized or internal damage resulting in loss of fluid). Then, if an engine is changed, the driver will start at the back of the feature race.

amended 11/25/26