

## Thunderhill Raceway Park

### -Bombers 2024 rules

1. Full size cars with 108" wheel base or larger. No sports cars. Crown vics, town cars, caprice, grand marquis allowed. The fuel injected cars are not allowed any engine mods or computer changes. Must hit the chip.
2. Full roll cage required, padding around driver permitted, doors to be welded or bolted shut. Make cage as safe as you can.
3. All glass and plastic to be removed from cars. Safety bars to be installed in front of the driver area for protection.
4. Remove all upholstery, body trim, mirrors anything flammable from vehicle. No mirrors or two way radios. Or a radio used by teams. No cell phones on the track.
5. Replacing any fiberglass bumper are/cover with a aftermarket nose or tail section. ok
6. Racing seat and harness required.
7. No hulling except for driver door and dash can be removed. Minum cutting for tire clearance and any part of a roll cage permitted but inner fenders can be removed. No enclosed cockpits allowed interior must remain open. Sheet metal allowed where the back seat was to separate trunk area
8. Engines allowed chevy 350, ford 351, and dodge 360. Max bore on the motor is 60 over. No high compression or racing parts. No grinding on intakes or cams. No high performance internal parts at all. If it's not a stock part not allowed.

- a. Engine must have a max of 160 lbs of compression at all times.
  - b. Carburetor shall be 600 cfm vac. secondary out of the box.
  - c. Stock exhaust manifold or header allowed, down to 2 " exhaust (12 inches of 2 inch exhaust required) must extend past driver.
  - d. No high rise manifolds stock intakes only.
  - e. No screw in studs or guideplate.
  - f. any oil pan allowed.
  - g. Stock hydraulic cam and lifters.
  - h. Aluminum radiators are allowed.
9. All suspension components remain stock. Except right front spring can be changed.
  10. Automatic transmissions only must have a working torque converter.
  11. Stock rear ends allowed. Any 9" ford allowed in any make for safety.
  12. Any 8 inch steel wheels. beadlocks are allowed on the right side only.
  13. Tires allowed:
    - a. Hoosier H500
    - b. American racer AR 500 extra hard
    - C. grooving or siping allowed.
  14. Car must weigh 3300 lbs at all times.
  15. Fuel cells are mandatory.
  16. Any style air breather and valve cover are allowed.
  17. Factory heads only no 300 horse heads allowed. Open chamber heads only.
  18. Aftermarket steering columns allowed. For safety.

19. Track can penalize any car not meeting any rule with a weight penalty.
20. Door bars required on passenger side if you are running two people in the car.
21. If it's not stock and not outlined here in the rules it's probably not allowed. Stock means straight out of the box from the factory with no racing mods done at all. If you think it may be in question just ask prior to race, techman has final say of what's legal and not.