Quivira Council 2020 Pinewood Derby Car Design Rules

The Quivira Council Pinewood Derby Race will follow and use the rules of the Official Scouts BSA Pinewood Derby Car Kits.

1. The car must be the one constructed this year and raced at the District Pinewood Derby. It must be constructed from only the parts contained in the Official Gran Prix Derby Kit. Only official items from the National Supply may be used as substitutes, such as official wheels.
2. Overall width of the car shall not exceed 2 ¾ inches.
    a. Cars may not be modified with solid axles that extend past the stated width requirements.
3. Overall length of the car shall not exceed 7 inches.
4. The car shall not weigh over 5 ounces.
5. Width between the wheels must be 1 ¾ inches.
    a. Nails provided in the kit must be used as the cars' axle assembly
6. The bottom clearance between the car and the track must be 3/8 inch.
7. Only dry lubricant is permitted.
8. Details such as steering wheel and driver are permitted as long as the details do not exceed the maximum length, width and weight specifications.
9. The car must be free-wheeling with no starting devices.
10. Wheel bearings, washers and bushings are NOT permitted. The can shall NOT ride on springs.
11. Each car must pass inspection. Owner will be informed of the reason for failure and be given time during the official weigh-in time period to make the adjustment.
12. After final approval, cars will not be reinspected unless the car is damaged from handling or racing.
13. Boys and Girls will race together.

    OUTLAW Class:
    1. Overall dimensions of the Outlaw Car must match the requirements of the standard Pinewood Derby Car
    2. Car cannot have an overall weight greater than 12 ounces
    3. All 4 wheels must touch the ground
    4. No additional pieces attached to the car that extend the front of the car to a length greater than the allowed length of a Pinewood Derby Car
    5. No starting or acceleration devices allowed (CO_2, springs, rubber bands, rockets, etc.)