



2016 – 2017 Championship Series Rules



Overview

Group F is the poor man's open class "Wing" car. Do they lap the King in less than 2 seconds per lap?...NO! Do they cost near one thousand dollars to build?...NO! Are they fast and fun to drive?...YES! Are they extremely competitive?...YES! Are they the fastest cars we race?...YES! Can you buy one ready-to-race for less than \$140.00?...YES! YES! YES!

1. **GENERAL:** The following apply unless otherwise stated:
 1. Maximum width – 3.25" (allowances made for body pins)
 2. Maximum height – 2.50" (measured with car on tech block)
 3. Minimum clearance - .062"
2. **CHASSIS:** Must use any USRA legal Group 12 chassis with no modification except the following:
 1. May add lead weight to tune for handling
 2. May solder in the rear axle bushings
 3. Chassis **must** have an integral guide holder
3. **MOTOR:** Must use a ProSlot 4002FK motor. No modifications allowed except for the following:
 1. Any motor brushes may be used. Brush tips may be modified
 2. Any three coil spring may be used
 3. Motor shaft may be shortened to allow for better tire clearance
4. **AXLES:** Only 3/32" or 1/8" steel rear axle may be used
5. **GEARS:** Any metal or plastic spur gear and any pinion may be used
6. **BUSHINGS:** Only bronze type or "oil-lite" bushings may be used
7. **REAR TIRES:** Black foam, synthetic, or rubber rear tire must be used
 1. Maximum width .800"
 2. No minimum diameter
 3. NO "Speed Rubber"
8. **FRONT TIRES:** Any minimum 0.50 diameter black rubber or "O" ring front tires may be used
9. **BODY:** May use any 1/24 scale wing car body
 1. Body must be fully painted leaving clear only the windshield area clear
 2. Front wheel openings must be cut out or left clear as long as +/- 50% of the front wheels are visible
 3. Rear wheel area must be cut out
 4. All cars must have a painted, three-dimensional driver figure
 5. All bodies must have 3 properly placed racing numbers. No drawn on numbers allowed
 6. Body must cover entire car when viewed from above
 7. Rear spoiler, front diplane, and side dams are allowed within the height and width limits. Side dams must taper to a maximum height of 2.0" at the front with taped leading edges

GROUP F