



2021 USPKS Rule Book Updates

201.18 Nose Cone:

The nose cone shall be mounted with butterfly clamps. If nose cone comes off while on track before receiving checkered flag, competitor will receive the black flag. Nose cones must be used as manufactured and cannot be altered in any way. Bottom of nose shall be a minimum one-half inch ($\frac{1}{2}$ ") off the ground and top of nose shall not be above the top of the front tires. Minimum nose width is $39 \frac{3}{8}$ "; maximum width cannot be wider than the front tires. Maximum overhang from center of front axle to tip of the nose cone is $26 \frac{3}{4}$ ". Measurements will be performed with wheels straight ahead and without driver in kart.

* **Cadet nose shall be used on Cadet Karts.**

*** Route 66 4 Cycle Supplemental Rule:**

Route 66 Series 4 cycle karts front tires are allowed to be 1" inside the nose. This will be measured by placing a straight edge on the tire that is notched out 1". Measurements will be performed with wheels straight ahead and without driver in kart.

* **Cadet nose cannot be used on standard karts.**

201.19 Side Pods and Nerf Bars:

Side pods must be mounted with the intended manufactured nerf bar for the side pod that is being used. Side pod cannot cover any part of the driver or frame. If side pod comes off while on track, competitor will receive the black flag. Bottom shall be a minimum of $\frac{1}{2}$ " and maximum of $2 \frac{5}{8}$ " above the ground, rear shall be no more than $2 \frac{5}{8}$ " from rear tire, and front shall be no more than $5 \frac{7}{8}$ " from front tire. Maximum width of side pods is $55 \frac{1}{8}$ " if the rear track is set at $55 \frac{1}{8}$ ". Measurements will be performed with wheels straight ahead. Nerf bars shall

be steel tubing with a minimum diameter of 0.630" and attached to the frame at two (2) points.

* **Side Pods shall not be wider than the rear tires at any time.**

* **Cadet side pods shall be used on Cadet Karts.**

*** Route 66 Supplemental Rule:**

Route 66 Series 4 cycle karts rear tires are allowed to be 1" inside the side pod. This will be measured by placing a straight edge on the tire that is notched out 1".

201.21.1 Briggs Rear Bumper:

CIK style PLASTIC rear bumpers or METAL TUBE rear bumpers are mandatory in all classes. Bumper shall be a minimum of 1" behind rear tire as raced. Adjustable width CIK plastic bumpers are NOT legal. The bumper shall cover at least 50% of each rear tire and shall not extend more than 1" outside of the rear wheel/tire at any time. This is for dry, wet or competitor choice condition. This will be measured by placing a straight edge on the tire that is notched out 1".

* **Cadet bumpers cannot be used on standard karts.**

202.2 Rain Tires:

MG spec tires shall be used; see class specifications for type and size. Tire treatments of any kind and/or tire warmers are illegal.

* **Update – The WT and SW Rain Tires will be allowed as of 04-26-2021 in all of the USPKS and Route 66 series classes. There is zero construction or compound change, the letter change is for homologation only.**

* **No limit on the number of rain tires.**



2021 USPKS Rule Book Updates

402.13 Briggs & Stratton 206 Junior:

Age: 12 – 15 years old

Minimum Weight: 320 lbs.

Engine: Briggs & Stratton 206 with Yellow Slide (#555741- 0.570") and lock cap

Bodywork: CIK bodywork, See Rule 201.21.1 Briggs & Stratton 206 Rear Bumper

Seat: No Lay Down Seats

Tires: Slicks MG "SH" Red CIKF/Z Option

4.60 Fronts & 6.00 or 7.10 Rears (must be same size on both sides)

Rains MG "WT" 4.20 Fronts & 6.00 Rears

Tire/Wheel Width (As Raced): 4.60 x 5 – 7" No-Go
6..00 x 5 – 8 ¼" No-Go

* Qualify and race on the same tires Sat. and Sun.

* **SFI 20.1 Chest Protectors are MANDATORY for all drivers under 13 years old (Section 102.3).**

* **See Section 508 and Route 66 or USPKS**

Website for additional Engine Rules.

402.14 Briggs & Stratton 206 Senior Medium:

Age: 15 + years old

Minimum Weight: 360 lbs.

Engine: Briggs & Stratton 206

Bodywork: CIK bodywork, See Rule 201.21.1 Briggs & Stratton 206 Rear Bumper

Seat: No Lay Down Seats

Tires: Slicks MG "SH" Red CIKF/Z Option

4.60 Fronts & 6.00 or 7.10 Rears (must be same size on both sides)

Rains MG "WT" 4.20 Fronts & 6.00

Rears

Tire/Wheel Width (As Raced): 4.60 x 5 – 7" No-Go
6..00 x 5 – 8 ¼" No-Go

* Qualify and race on the same tires Sat. and Sun.

* **See Section 508 and Route 66 or USPKS**

Website for additional Engine Rules.

402.15 Briggs 206 Senior Heavy:

Age: 15 + years old

Minimum Weight: 380 lbs.

Engine: Briggs & Stratton 206

Bodywork: CIK bodywork, See Rule 201.21.1 Briggs

& Stratton 206 Rear Bumper

Seat: No Lay Down Seats

Tires: Slicks MG "SH" Red CIKF/Z Option

4.60 Fronts & 6.00 or 7.10 Rears (must be same size on both sides)

Rains MG "WT" 4.20 Fronts & 6.00 Rears

Tire/Wheel Width (As Raced): 4.60 x 5 – 7" No-Go
6..00 x 5 – 8 ¼" No-Go

* Qualify and race on the same tires Sat. and Sun.

* **See Section 508 and Route 66 or USPKS**

Website for additional Engine Rules.

501.14 Piston Squish:

Squish is the smallest distance between the head and the piston. This is done with 0.0625" or 1/16" solder McMaster Carr part # 7667A32 (unless specified by manufacturer) that is inserted through the spark plug hole pointed at cylinder wall in line with the piston wrist pin.

501.14.1 Checking Piston Squish:

- Inserted solder through the spark plug hole pointed at cylinder wall in line with the piston wrist pin.
- Roll piston through top dead center one revolution on both sides of cylinder using a separate piece of solder for each side. Both sides shall be at or greater than the specific engine spec. (See specific engine for spec)
- If squish is found less than minimum spec, the squish will be checked by other Tech Official or Officials up to 3 squish tests total.
- Take reading from both sides and average the two readings to obtain actual dimension. (See specific engine for spec.)