



120cc, NOVICE & TRANSITION CLASS, RULES, FEES & PRIZES

1. 120cc Stock-1: (4-6) years of age. (Speed limit is 12 mph.)

The only engine modification allowed is the governor may be disabled.

RPM limit is 6850.

Aftermarket sprockets may be used to restrict maximum speed to 12 mph.

Chain pitch must remain stock.

Bumpers, Ski loops and handlebars must be padded.

Fuel: Must use commercially available no Ethanol and no additives.

Options includes:

- Sunoco Optima or Surge Race Fuel.
- Esso 91
- Shell 91
- Canadian Tire 91

2. 120cc Stock-2: (6-10) years of age (Speed limit is 18 mph.)

Modifications that are allowed:

Adjustments to the stock governor to increase rpm. RPM may not exceed 6850 RPM.

Gearing **or** clutch cover with attached gear and drive chain may be changed.

Chain, and chain tensioner may be changed.

Aftermarket drum clutches may be used. No disc clutches.

Use of any commercially available aftermarket skis. (No carbides).

Adjustments of stock carburetors. (Adjustable main jets are permitted).

Use of commercially available rear suspension idler wheel kits.

Commercially available aftermarket shocks may be used.

Studs and carbides are not permitted.

Bumpers, Ski loops and handlebars must be padded.

Fuel: Must use commercially available fuel with no Ethanol and no additives.

Fuel options include:

- Sunoco Optima or Surge Race Fuel.
- Esso 91
- Shell 91
- Canadian Tire 91

The following must be left box stock, no modifications allowed.

Motor, Frame, Exhaust, Air box and filter must remain box stock.

Track, track drivers, suspension arms and geometry must remain stock.

120cc Stock Class Entry fees are \$50 per day.

Awards for 1st. to 5th. place each race day.

Note: Racers that compete in the 120cc Stock-1, 120cc Stock-2 or the Pro 206-1 classes will not be permitted to race in the Transition or Junior/Novice classes.

3. **120cc - PRO 206 1: 6-7 years of age (No Speed Limit).**

120cc - PRO 206 2: 8-10 years of age (No Speed Limit).

Rules: PRO 206 class to use only Briggs Racing Engine, Model LO206e with an ISR spec silenced exhaust pipe from Recreation Motors - long version # 206B91 fits Arctic Cat – Yamaha, or Polaris. Polaris requires a chassis engine mount bracket kit and a replacement valve cover to fit in the chassis. Ski-doo chassis requires short pipe version # TPLo206.

Engine must retain factory engine anti tamper seals and stock rev limiter @ 6100rpm with stock carb and slide as supplied. This will be tech inspected. No engine blueprinting.

Drum clutches only with # 35 chain may be used. Also a fabricated Chain guard must be used - .080 in Aluminum sheet minimum-no screen material. This is for safety to retain chain or clutch due to a failure. No Disc clutches or CVT drives.

Engine pull start handle must be located in the original OEM position,

Handlebar & riser may be changed but commercially available, a bar pad must be used.

Aftermarket front shocks and springs, bearings may be used - no other suspension changes.

Aftermarket rear skid shock only may be added - no other suspension changes.

Front drive axle may use extrovert drive sprockets on stock axle no substitute materials.

No tunnel or running board modifications allowed.

Oil Breather: Oil breather must vent into a catch container.

Oil Catch Container: An oil overflow catch system is mandatory. Overflow tube must run from the Crankcase breather to a catch container. The catch container must be vented to the atmosphere.

Carburetor Overflow: Carburetor overflow must be vented to the catch container.

Fuel: Must use commercially available fuel with no Ethanol and no additives.

Options include Sunoco Optima or Surge Race Fuel., Esso 91, Shell 91, Canadian Tire 91 Pro 206 Engines may be purchased through one of the following suppliers:

Brock Norris Motorsports – 705-772-3601

brocknorris12@gmail.com

Recreational Motorsports – 319-365-5391

www.recmotors.com

4. **Champ 120cc: - 6-12 years of age. (No Speed Limit).** Modifications that are allowed:

May use any OEM 120cc engine from any brand, or a Stock sealed Briggs Racing Engine, Model LO206E with ISR spec. stock carb, ignition & silenced exhaust pipe.

Snowmobile must be a commercially available 120 / 4 stroke model with OEM ID#.

Brand of frame and hood must match.

OEM Engine overbore may not exceed .020 (.50mm) of standard bore size.

Carburetor may be modified but must begin as OEM supplied by manufacturer for model Engine stroke must be stock as manufacturer specifications.

Any OEM commercially available silenced exhaust system may be used. Outlet pipe must point downwards and cannot protrude beyond machine width.

Any commercially available clutch or CVT system may be used.

Track drive sprockets may be modified or changed.

Maximum ski stance is 34" inches measured between ski runners.

Track must be OEM from any 120cc snowmobile manufacturer. (Can not be reversed).

Studs and carbides are not permitted. Bumpers, Ski , and handlebars must be padded.

Snow flap must touch the ground with racer on sled. No sharp edges exposed.

Fuel: Champ Sleds must use CSRA spec race fuel. “Sunoco Optima or Sunoco Surge. Performance enhancing additives are illegal.

Pro 206 and Champ Entry Fees are \$50 each race day. Awards 1st. 2nd. – 3rd.

2 of 3

NOVICE 200cc CLASSES:

Novice 200-1 (6-8) years of age.

Novice 200-2 (9-12) years of age.

These classes are for Stock Yamaha Sno Scoot and Arctic Cat ZR200.

At CSRA events Shocks and Skis may be changed. Aftermarket shocks are permitted but can not exceed OEM shock length, Studs are not permitted.

Electric start components (Starter motor and battery) may be removed.

Remote adjustable main jet system allowed.

Stock drive clutch engagement must be maintained. OEM drive clutch rollers and spring must be stock with no modifications. Driven clutch spring and helix must be OEM. Driven clutch spring and rollers must be OEM.

Fuel: Must use commercially available fuel with no Ethanol and no additives.

Fuel options include, Sunoco Optima or Surge Race Fuel., Esso 91, Shell 91, Canadian Tire 91.

Novice 200 Entry Fees are \$50 each race day. Awards 1st. 2nd. & 3rd.

TRANSITION & JUNIOR / NOVICE CLASSES:

Racers in these classes compete with limited build race sleds with detune kits. All race sleds for these classes must be a minimum of (1) Year old, 2019 model year or older.

- Transition-1 (Age 8-10) 600cc Stock Limited build race sleds with Detune ECM 6000RPM

- Transition-2 (Age 11-13) 600cc Stock Limited build race sleds with Detune ECM 6000RPM

- Transition Girls (Age 8-13) 600cc Stock Limited build race sleds with Detune ECM 6000RPM

- Junior / Novice (Age10-15) 0-600cc Stock Limited build with 50% throttle & Detune ECM 6500 RPM

- **Fuel:** Must use Sunoco Optima or Sunoco Surge Race Fuel with no additives.

- Transition, Junior/Novice Maximum track lug heights is 1.75 inches. No Studs permitted.

*** Note: Racers that compete in the Transition and Junior/Novice classes will not be permitted to race in the 120cc Stock-1, 120cc Stock-2 or the Pro 206-1 classes.**

- Junior (Age 14-17) 0-600cc Liquid Stock with throttle limiters.
0-600cc Fan or 4-Stroke. 0-500cc Liquid.

- Junior Girls (Age 14-17) 0-600cc Liquid Stock with throttle limiters.
0-600cc Fan or 4-Stroke.
0-500cc Liquid.

Junior Girls may also race in the Junior guys class.

Entry Fees for all the above classes: \$75.00 per class. Awards for 1st. 2nd. 3rd.

For additional information on rules and safety requirements please refer to CSRA Newsletter #1

3 of 3

