

# Racer Rules

**NOTE:** A minimum of two (2) entries is required to establish any class of races.

**1. Vintage** - All sleds pre-1984. Free air will not be allowed in fan class, fans may jump up to free air. Also allowed in liquid stock classes.

**2. Vintage, STOCK, Super Stock, IMPROVED STOCK** - Must run with factory stock equipment (OEM). Any sled with replacement parts to reduce weights will be disqualified. Light weight ski will be allowed only if supplied by sled manufacturer (OEM). No aftermarket. Sleds pre-1984 must run vintage class or Pro Stock.

**A. CLUTCHES** - Any weights, cams and springs allowed. Must use OEM housings. 6000 max. engagement. Vintage sleds can use any OEM clutch combination.

**B. TRACKS** -1) stock, super stock, improved stocks must run stock suspension. Speed tracks will be allowed (wheels may be added to suspension).

2) 3/4 inch max stud penetrations above the top of the lug

**C. CARBURATION** - Stock only – air boxes optional, if air box is removed need to run an air filter (no open carbs), jets may be changed.

**D. GEARS** - Any gear combination from OEM (factory) will be allowed. Must have stock chain cover.

**E. Super stock, Improved Stock** - Aftermarket pipes; carburation, porting and OEM clutch internals are the only modifications allowed. Super stock is for twin cylinders only. Improved may be twin or triple.

**3. No power adders** – including mod-super chargers, turbo chargers or other power boosters unless it was factory equipment.

**Unless otherwise noted.**

**4. FLAPS** - Sleds with studded or cleated tracks must have a sealed rear metal tunnel enclosure or tied down snow flap. All other sleds must have full flap.

**5. FUNCTIONAL EQUIPMENT** - Helmets, clutch guards, tether switches (mounted on chassis), eye protection is mandatory. Sunglasses are not allowed. A minimum requirement on helmets will be a Snell 80. Ski loops are mandatory on all sleds.

**6.** No lifting of sleds allowed on starting line or in pit area without a safety stand. Drivers must supply their own safety stands. False starts will result in disqualification. No one will be allowed to stand behind the sleds on the starting line. Up to two pit crew members will be allowed to lift the sleds from sides only.

**7.** Entry fees will not be refunded after registration has closed.

**8.** If a protest is made and teardown requested, a cash bond must be posted as follows: \$50.00 for basic teardown – cylinders, pipes and fuel, \$100.00 for complete teardown. The decision of the tech man and race director will be final. If a teardown is refused, disqualification is automatic. A protest sled must be protested by a driver or drivers within that class. Anyone found cheating will be disqualified from all races for the given day.

**9. PROTEST TIME** - After sleds complete the final race of each class they will be placed in a holding area, until the final race of the following classes. Only during this holding time period will a protest be allowed.

**10.** The race committee may reserve the right for a decision or protest sled at a later time. All monies will be awarded after the final decision.

**11.** Teardown will be performed by accused driver and/or his/her mechanic to the point as stated in rule #8. Protested sleds will not be reassembled by the tech man. Involved sleds will be inspected at an area as determined by the tech man. Only the involved driver and his/her mechanic with the tech man and race committee will be allowed in the inspection area.

**12.** Any sleds may be inspected by the tech man or race committee to determine the class of event to be entered according to the racing rules.

**13.** Any and all registration problems will be settled by a final decision of the race committee and tech man.

**14.** A Drivers meeting will be held immediately preceding the race to answer any questions.

**15.** Discontinued manufacture of sleds over ten years may use factory recommended replacement parts or replacement parts approved by the race committee or tech man.

**16. PRO STOCK** -

**A.** Pro stock sleds must be original, production snow mobiles. Hoods, belly pans and seat mandatory.

**B.** Any track suspension, clutch, carburation and exhaust system allowed.

**C.** Some type of safety jacket will be mandatory. (No motocross jackets allowed).

**D.** Must have original OEM motor and chassis.

**E.** The following sleds are automatically in this class or Mod class: 1977 Arctic Cat Z, 1976 Mercury Snow Twisters, 1977 Supersonic Moto Ski, 1976 & 1977 SRX Yamaha and 1977 Ski Doo Blizzards.

**F.** All Pro Stock sleds must meet a minimum combined weight of snowmobile and driver. Sleds will be weighed before the event begins and immediately following each race in that corresponding class. Minimum weights are as follows:

**PS500- 500lbs    PS600- 500lbs    PS700- 550lbs    PS800- 550lbs    PS1000- 625lbs**

**17. MOD** -

**A.** Clutch guards – 50% minimum cover on both clutches.

**B.** Some type of safety jacket will be required. (No motocross jackets allowed).

**C. All entries in Mod Open class must meet a minimum combined weight of 525lbs.**

**D.** 4 stroke Pro Mod's will be allowed in Mod Open. **4 strokes must meet a minimum combined weight of 650lbs.**

**18. King of the Hill Shootout**

**A.** This would be for any sleds allowed in the Pro Stock 1000 class. This will be a shootout style race. All entries will draw to see who races who. We will run 2 lanes with a single elimination bracket. There is a \$100 entry fee. There will be 100% payback, paying out first and second place only with an 80/20 split. **PS800's would be allowed in @550lbs. PS1000's must be 625lbs.**

**19. Pro Mod 1000** -

**A.** All 2017/18 ISR Pro Mod Rules apply

**B.** Maximum 2% overbore.

**C.** No power adders allowed for 2 strokes; 4 strokes are allowed a single OEM Arctic Cat/Yamaha turbo (non-altered).

**D.** 2 Stroke 1000's must meet minimum combined weight of 625lbs. (800 allowed in @550lbs.) 4 stroke must meet min. combined weight of 710lbs. **Weights may be reviewed and adjusted by race committee the day of event.**

**E. 4 stroke engine size:**

1- Arctic Cat 2 cylinder limited to 1056cc +/- 2%

2- Arctic Cat/ Yamaha 3 cylinder limited to 998cc +/- 2%

3- Ski doo 3 cylinder limited to 1170cc +/- 2%

4- Yamaha 3 cylinder limited to 1049cc +/- 2%

5- Yamaha 4 cylinder limited to 998cc +/- 2%