



## 2018 ONE LUNGER 100 RULES

### **HELMETS ARE MANDATORY, NO EXCEPTIONS!!**

**PUSHING, BUMPING OR HITTING, IF INTENTIONAL YOU WILL BE BLACK FLAGGED & DISQUALIFIED.**

### **STARTING PROCEDURE** - Determined Race Day

**GREEN FLAG** - START OF RACE

**RED FLAG** - STOP IMMEDIATELY. Maintain position on track. Race will  
Continue as directed by scoring.

**WHITE FLAG** - One lap remaining.

**CHECKERED FLAG** - End of race! Proceed to pit area.

**YELLOW FLAG** - !!!!! IMPORTANT!!!!!! Slow down & avoid any obstacles,  
proceed single file, No passing! **A one lap penalty for  
passing under a yellow flag caution will be issued.**

WHEN A FLAGGER IS WAVING HIS ARMS AT YOU, THAT MEANS SLOW DOWN AND USE CAUTION  
IN THE CORNER.

ABSOLUTELY NO CROSSING OF THE RACE TRACK ON FOOT OR BY SLED DURING QUALIFYING  
RUNS OR THE RACE. OFFICIALS WILL ASSIST ANY PERSON OR SLED ACROSS THE TRACK  
DURING A CAUTION (YELLOW FLAG LAP) ONLY. THIS INCLUDES TOWING TO PIT AREA.

IF YOUR SLED STOPS RUNNING. YOU HAVE THE OPTION OF WORKING ON IT IN THE INFIELD  
ONLY OR BEING TOWED BACK TO THE PIT AREA. YOU MUST SIGNAL A TOW SLED YOURSELF TO  
GET TOWED.

ALL PENALTIES & DISQUALIFICATIONS BY RACE OFFICIALS WILL BE ACCEPTED BY  
PARTICIPANTS "UNCONTESTED".

### **DRIVER** -

- a. Agrees to accept all decisions of the race officials unconditionally
- b. No alcohol or drugs allowed.
- c. Must provide your own fire extinguisher in the pit area.
- d. Must be 18 years of age or older, only exception is the kids 120 race.

### **SNOWMOBILE OPERATION** -

- a. If a piece or part of the snowmobile becomes loose or falls off, you must pit  
(infield only) and repair it before re- entering the race. Once you leave the  
track you are out of the race.
- b. No on track major repairs allowed.
- c. Driver should attempt to get snowmobile into infield and wait for a tow  
vehicle. Driver can change belt or plugs in infield only and re-enter the race.
- d. Excessive speed or horseplay in pit area will result in a one lap penalty.
- e. COWLING MUST BE ON SLED AT ALL TIMES!**



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### **STOCK CLASS - THIS WILL BE OUR MAIN EVENT!!**

SLED MUST BE A PRODUCTION LINE MODEL, OFFERED TO THE PUBLIC.

- a. Model year 1973 or older. No limited production or RND models. Must be fan cooled.
- b. Must have point ignition.
- c. No performance kits.
- d. Single tether cord – must be operational before, during and after the race.
- e. Ski tips must be padded.
- f. Snow flaps must be no higher than 1 “ off the ground
- g. COWLING MUST BE ON SLED AT ALL TIMES!**

### **MOTOR REGULATIONS**

- a. Engine must be 1973 or older fan-cooled, Available option chassis entered in race.
- b. Carburetors must be original butterfly type
- c. Exhaust must be stock and in original position.
- d. Pistons are original or stock or replacement. Max - .060 oversize allowed. Stock stroke.

### **CHASSIS-**

- a. Chain case and braking must be original.
- b. If original track was cog driven than the replacement track must be cog driven
- c. Skis are original or stock replacement. (No plastic or aluminum skis.)
- d. Carbide runners are allowed.
- e. 3 inch spreaders allowed each side.

### **FUEL TANKS-**

- Must be original and in stock location.

### **HANDLE BARS**

- a. **Must be original.** May be reinforced but not extended or raised. Hooks are allowed. Max width of 29 inches.
- b. Original throttle and brake controls.

### **SUSPENSION**

- Must be original

### **TRACK-**

- a. Original or stock replacement, Max  $\frac{3}{4}$  of an inch lug height.
- b. Replacement rubber tracks allowed with  $\frac{3}{4}$  inch lug height Tracks may not be cut, trimmed or shaved. R tracks are allowed for rubber conversion (15" width only), must widen stock suspension, new suspension mounting holes may be added to accommodate moving skid in a new location.**
- c. Cleated replacement tracks are still allowed however cleats must be riveted on and cannot be sharpened or ends closed off.**
- d. No traction devices allowed.

### **DRIVE LINE**

- a. Must be original. May change gear ratio, weights and springs
- b. Clutch center to center must be stock. May change belts.
- e. Clutch guards must be in place.
- f. Original clutch or **Comet 94-C clutch allowed**



## 2018 ONE LUNGER 100 RULES

### SEATS-

- **Must be stock appearing and not exceed 8 inches from front to rear.**

### RACE NUMBERS-

- Pre assigned race numbers must be 8 inches in height and on both sides of the machine on the cowling.

### MODIFIED CLASS

#### MODIFIED SINGLE CYLINDER

- Must be a production model 1973 or older, fan-cooled, single cylinder. Exception of 1973 TNT
- No limited production or R&D model
- Handlebars must be original, may be reworked in any manner. Changes must be welded. (No adjustable bars). Max width 29"
- Seat must be stock appearing.
- Single tether cord. Must be operational before, during and after race.

#### ENGINE

- Fan cooled single cylinder only
- Engine brand must match sled brand. Arctic cat may run Kohler, Sachs, JLO, Kawasaki & Hearth engines of any CC's.
- Overbore is allowed.
- Carburetors will be original type- up to 42mm max**
- Points ignition only.
- No reed or rotary induction
- No stinger pipes**

#### DRIVELINE

- Chain case, gears and secondary clutch must be original
- Original clutch, comet duster or power block replacement may be used.
- Gear ration may be changed.

#### TRACKS

- Replacement tracks are allowed on all models
- Single cog drive may be replaced with duel drive cog.
- Cleated tracks may be replaced with rubber.
- All tracks will have no more than .750 lug height
- Snow flap 1" from ground.

#### SUSPENSIONS

- Suspensions may be interchanged within same manufacturer.
- Must be 1976 or older, no alterations to frame except mounting holes
- Steel skis only. Must have tips wrapped.
- 3 inch spreaders allowed on each side.
- No traction devices allowed.
- Carbide runners allowed



## 2018 ONE LUNGER 100 RULES

### TWIN CLASS

SLED MUST BE A PRODUCTION LINE MODEL, OFFERED TO THE PUBLIC.

- h. Model year 1973 or older. No limited production or RND models. Must be fan cooled.
- i. Must have point ignition.
- j. No performance kits.
- k. Single tether cord – must be operational before, during and after the race.
- l. Ski tips must be padded.
- m. Snow flaps must be no higher than 1 “ off the ground
- n. COWLING MUST BE ON SLED AT ALL TIMES!**

### **MOTOR REGULATIONS**

- g. Engine must be 1973 or older fan-cooled, Available option chassis entered in race.
- h. Carburetors must be original butterfly type. **42mm maximum carb allowed. . No flat sides allowed..**
- i. Exhaust must be stock and in original position.
- j. Pistons are original or stock or replacement. Max - .060 oversize allowed. Stock stroke.

### **CHASSIS-**

- f. Chain case and braking must be original.
- g. If original track was cog driven than the replacement track must be cog driven
- h. Skis are original or stock replacement. (No plastic or aluminum skis.)
- i. Carbide runners are allowed.
- j. 3 inch spreaders allowed each side.

### **FUEL TANKS-**

- Must be original and in stock location.

### **HANDLE BARS**

- c. **Must be original.** May be reinforced but not extended or raised. Hooks are allowed. Max width of 29 inches.
- d. Original throttle and brake controls.

### **SUSPENSION**

- Must be original

### **TRACK-**

- e. Original or stock replacement, Max  $\frac{3}{4}$  of an inch lug height.
- f. Cleats must be riveted on and cannot be sharpened or ends closed off.
- g. Replacement rubber tracks allowed with  $\frac{3}{4}$  inch lug height Tracks may not be cut, trimmed or shaved. R tracks are allowed for rubber conversion (15" width only), must widen stock suspension, new suspension mounting holes may be added to accommodate moving skid in a new location.**
- h. Cleated replacement tracks are still allowed however cleats must be riveted on and cannot be sharpened or ends closed off
- i. No traction devices allowed.
- j. If the original track was rubber or cleated, Must be replaced with the same.

### **DRIVE LINE**





## 2018 ONE LUNGER 100 RULES

- c. Must be original. May change gear ratio, weights and springs
- d. Clutch center to center must be stock. May change belts.
- k. Clutch guards must be in place.
- l. Original clutch or **Comet 94-C clutch allowed**

### SEATS-

- **Must be stock appearing and not exceed 8 inches from front to rear.**

### RACE NUMBERS-

- b. Pre assigned race numbers must be 8 inches in height and on both sides of the machine on the cowling.

### 120 CC KIDS RACE.

#### 120 Stock

Beginner Class, Pure Stock 120cc Sleds, Governor removal will be the only allowable mod.

This is a beginner's only class and request that the parents do their part in keeping it that way. It should be a learning class only for racers in their rookie season or second year racing sleds. Ages 4 - 7 years

#### 120 Improved

Stock Motors, Governors may be removed, other possible mods include Clutching, Gearing, Exhaust, No Suspension or Motor Mods.

Ages 5 - 10 Years

#### 120 Champ Mod

May have Built or Race Motors, May have Suspension Mods, Longer A-Arms, Aftermarket Tracks etc.

Ages 5 - 10 Years