

**2020 Long Lake Vintage Snowmobile Racing Association**

**General Rules for ALL classes:**

(Please read these rules and understand them before you sign up.)

NO CHANGES, Modification allowed UNLESS specified in the class rules. If these rules do not specifically allow a change or modification, it is assumed that the change or modification is NOT allowed.

1-Must agree to all decisions made by officials, uncontested.

2-NO drug or alcohol use before or during races.

3- Tech inspections are mandatory at every race pre-tech and post -tech.

4- **For 100 mile race you must make at least 1 pit stop.**

5- You must wear a full face helmet. Helmet must be properly secured.

6- **Absolutely no picking up sled on line or use of stands to clean track at line up.**

7- Tech may remove sled at any time if deemed unsafe.

8- Flak jacket and knee protection are recommended.

9- Clutches must have guards. (Aluminum or steel, NO Plastic)

10- If you are in the top 5 in a final, you can and will be torn down for the techs. Any tear down REFUSALS will be disqualified and lose all points for the season. If you give tech or track officials any problems, you will be suspended from these races.

**11- We have the right to change the rules at any time.**

12- Fuels will be tested- See your class rules for regulations.

13- **Do not read into the rules or make up your own rules. You may be disqualified at any time for a rule violation.**

14- When Registration is closed, there are no refunds.

16- Tear downs will happen if tech decides to do so. Drivers may also put up \$200.00 to have someone torn down, if you have reason to believe that they are illegal. If they are illegal, you will get you money back. If they are LEGAL you will give them \$200.00 for the hassle.

## 2020 One Lunger 100 and FAST -50 Rules

### **HR CLASS RULES**

1973 and older, production line model with a single cylinder fan cooled motor.

NO CHANGES, Modification allowed UNLESS specified by these rules. If these rules do not specifically allow a change or modification, it is assumed that the change or modification is NOT allowed.

#### **Engines:**

- Engines **not allowed** in this class Sachs SA340SS, SA340C, SA400 or Hirth 194R
- Engines must have been offered in the Brand of sled you are running.
- Engines must remain stock, no grinding, porting, sandblasting, shaving on anything.
- Pistons can be stock or aftermarket replacement, no cutting skirts. ( Max over bore .150)
- Carb must be original or other diaphragm carb with 2 1/4 inch bolt pattern (no aftermarket or billet carbs)
- Primary Clutch stock 1976 and older standard production. (must be brand specific) or 94 c dusters or Power Block allowed.
- Engine must have OEM point ignition. (no cdi)
- Must have stock fan and stock recoil. (must be brand specific)
- No fuel pumps allowed unless it was factory with the sled.
- None Ethanol gasoline and race gasoline only, NO E-85, Alcohol, Nitro Methane or any other fuel allowed.
- Exhaust and muffler must be stock or stock replacement. Head pipe may not exceed 2"OD. No tuners!
- If the head pipe exceeds 2" the exhaust must be stock to year, make and model of sled and may not be altered.

#### **Fuel Tank**

- Fuel tanks must be stock to manufacture of sled 1980 or Older, Mounted in stock location to year of sled and must not exceed 6.5 gal. No aftermarket or homemade tanks

#### **Chassis:**

- 1973 and older, no limited production or race chassis. NO jackshaft chassis. Chassis 1976 and older may be used as long and it is the same material and dimensions as a 73 sled. Example: 1974 Arctic Lynx II is the same Chassis as a 1972 Cheetah.
- Bulkhead must be stock and unaltered. Reinforcement and bracing only.

(Maybe modified for 76 and older chain case only)

- 1976 and older chain cases and secondary clutch allowed. (must be brand specific)
- Skis must be original or stock replacement. NO Aluminum or unsafe skis! Any carbide allowed.
- You must run a hood and stock belly pan.
- 24" Leaf Spring minimum length.
- Ski speeders allowed max 2.5" measured from center of spindle to center of ski.
- Any spindle allowed but must fit in stock unaltered bulk head.
- Numbers must be 8" and visible on both sides. (Should be black and white)
- Any seat may be used and any handle bars.
- Your brakes must be in working condition. (Will be checked)
- Brake may be moved from stock location and relocated.

(IE Extended Drive Shaft with disc) May use hydraulic brake setup off of newer sled.

- Snow flap must touch ice/snow with rider on machine.
- Must have a working tether cord and USE it. Must be mounted to the frame.

**Suspension and track:**

- Suspension may be 1976 and older stock production and can be reinforced only. No snow pro suspensions or “Z” suspensions or custom parts allowed. May be shortened to fit chassis only. **(Do your homework)**
- Any track allowed, Must be a minimum of 15” wide, and must be stock length or longer of the model sled you are running.
- Max cleat or lug height of 3/4”
- No aluminum or titanium cleats and rubber tracks may not be modified.
- Track Studs can measure a maximum of 1/2” max past cleat or lug. Will be checked with a “Go No Go” gauges.
- Any drive shaft and drivers can be used.

NO CHANGES, Modification allowed UNLESS specified by these rules. If these rules do not specifically allow a change or modification, it is assumed that the change or modification is NOT allowed.

## 2020 One Lungers 100 and FAST -50 Rules

### **RELIC CLASS**

1973 and older, production line model with a single cylinder fan cooled motor.

NO CHANGES, Modification allowed UNLESS specified by these rules. If these rules do not specifically allow a change or modification, it is assumed that the change or modification is NOT allowed.

#### **Engines:**

- Engines must have been offered in the model of sled you are running!
- Motors not allowed: Yamaha, Kawasaki, Hirth 338, Sachs sa290c, sa290ss, sa290R, sa320, sa340SS, sa340C, sa340, sa340R, sa368 with HD carb, sa400, JLO 290R/ 340R, Rotax 292 TNT and 340 TNT
- Carb must be HR size carb or smaller. You can replace an HD carbureted motor with an HR as long as the motor is within the acceptable motors list.  
(Example- a 69 Panther can run a 368 Sachs but the carb has to be changed to an HR size)
- Carb must be original or other diaphragm carb with 2 1/4 inch bolt pattern (no aftermarket or billet carbs)
- Engines must remain stock, no grinding, porting, sandblasting, shaving on anything.
- Pistons can be stock or aftermarket replacement, no cutting skirts. ( Max over bore .150)
- Primary Clutch stock 1976 and older standard production. (must be brand specific) or 94 c dusters or Power Block allowed.
- Engine must have OEM point ignition. (no cdi)
- Must have recoil.
- No fuel pumps allowed unless it was factory with the sled.
- None Ethanol gasoline and race gasoline only, NO E-85, Alcohol, Nitro Methane or any other fuel allowed.
- Exhaust and muffler must be stock or stock replacement. Head pipe may not exceed 2"OD. No tuners!
- If the head pipe exceeds 2" the exhaust must be stock to year, make and model of sled and may not be altered.

#### **Fuel Tank rule:**

- Fuel tanks must be stock to manufacture of sled 1976 or Older, Mounted in stock location and must not exceed 6 gal. No aftermarket or homemade tanks

#### **Chassis:**

- 1973 and older, no limited production or race chassis. NO jackshaft chassis. (Panther chassis only)
- Bulkhead must be stock and unaltered. Reinforcement and bracing only.
- Skis must be original or stock replacement. No Aluminum or unsafe skis! Any carbide allowed
- You must run a hood and belly pan.
- 24" Leaf Spring minimum Length.
- Ski speeders allowed max 2.5" measured from center of spindle to center of ski.
- Any spindle allowed but must fit in stock unaltered bulk head.
- Numbers must be 8" and visible on both sides. (Should be black and white)
- Any seat may be used and any handle bars.
- Your brakes must be in working condition. (Will be checked)
- Brake may be moved from stock location and relocated.  
(IE Extended Drive Shaft with disc) May use hydraulic brake setup off of newer sled.
- Must have a working tether cord and USE it. Must be mounted to the frame not handle bars
- Snow flap must touch ice/snow with rider on machine.

**Suspension and track:**

- Suspension can only be from a 73 and older sled of the same model. No modifications allowed except reinforcement. If it came with bogies you must run bogies
- Tracks must be 73 or older and no modifications allowed, NO Light weight tracks. Cleated tracks must remain cleated, rubber must remain rubber.
- No aluminum or titanium cleats
- **Track Studs can measure a maximum of 1/2" max past cleat or lug. Will be checked with gauges.**

NO CHANGES, Modification allowed UNLESS specified by these rules. If these rules do not specifically allow a change or modification, it is assumed that the change or modification is NOT allowed.

## 2020 77-83 250 CLASS

1977 to 1983, production line model with a single cylinder fan cooled 250 motor.

NO JACK SHAFT CHASSIS

NO CHANGES, Modification allowed UNLESS specified by these rules. If these rules do not specifically allow a change or modification, it is assumed that the change or modification is NOT allowed.

### Engines:

- Engines must be stock in the model and year of sled you are running.
- Engines must remain stock, no grinding, porting, sandblasting, shaving on anything.
- Pistons can be stock or aftermarket unaltered replacement, no cutting skirts. (Max over bore 1 mm (.040))
- Stock carb or any aftermarket carb (aftermarket carb 34mm max)
- Any Primary Clutch
- Engine may have the OEM CDI or factory points (NO MODIFICATIONS ALLOWED)
- Must have stock, unaltered fan and stock recoil.
- None Ethanol gasoline and race gasoline only, NO E-85, Alcohol, Nitro Methane or any other fuel allowed.
- Head pipe and muffler must be stock, unaltered and in stock location
- You can update the spine crank to a 30mm taper crank

**Fuel Tank** Fuel tanks must be stock and mounted in stock location, 250 Enticer can run 300 Enticer tank

### Chassis:

- 1977 to 1983, Enticer 250-300 or 340 chassis.
- Bulkhead must be stock and unaltered. Reinforcement and bracing only.
- Chain, Chain Cases and secondary clutch must be stock and unaltered
- Skis must be original or stock replacement. NO Aluminum or UNSAFE SKIS! **carbide allowed**
- You must run a stock hood and belly pan. (hood may be altered but not belly pan)
- 24" Leaf Spring minimum length.
- Max ski spread of 34" measured center to center of ski. **Ski spread will be checked after race.** Spindle must be stock and unaltered.
- Numbers must be 8" and visible on both sides. (Should be black and white)
- Any seat may be used and any handle bars.
- Your brakes must be in working condition. (Will be checked)
- Brake MAY BE MOVED from stock location, relocated and converted to hydraulic. (IE Extended OEM Drive Shaft with disc) May use hydraulic brake setup off of newer sled.
- **Snow flap must touch ice/snow with rider on machine.**
- Must have a working tether cord and USE it. Must be mounted to the frame.
- Gearing may not be changed ET 250 GEARING ONLY
- Must have steel OEM belt guard

### Suspension and track:

- Suspension must be stock and unaltered and mounted in stock location
- Track must be stock and unaltered (Upgrading clips will be allowed)
- **Track Studs can measure a maximum of 1/2" max past lug. Will be checked with a "Go No Go" gauges.**

Unaltered means Unaltered. (Just the way it came from the factory)