

# SNOWMOBILE DRAG RACING OF EASTERN CANADA

## OUTLAW CLASSES AND RULES

**\$40.00/CLASS ENTRY FEE (100% PAYBACK PURSE MONEY) + \$10.00 INSURANCE FEE (PER CLASS) + \$10.00 ADMINISTRATION FEE (PER CLASS)**

### STOCK SNOWMOBILE GENERAL REQUIREMENTS

1. Tethers <b>are required</b> in Outlaw class.
2. Tek-Vests <b>are required</b> in Outlaw class.
3. Race Director shall have the authority to determine structural integrity.
4. Competition is open to any snowmobile, either production or one of a kind experimental units.
5. Maximum overall length is 144 inches.

### **Weight for the Outlaw class shall be as follows:**

2 Stroke Nitrous	585 Lbs (driver + machine)
2 Stroke Turbo	625 Lbs (driver + machine)
4 Stroke Turbo	625 Lbs (driver + machine)

### **ENGINE**

1. An engine OEM or aftermarket designed for snowmobile use and used with CVT drive clutch may be used.
2. There is a 2000 maximum c.c. limit on total engine volume.
3. One power adder, allowed. Supercharging, turbo charging, or nitrous oxide systems are allowed, but may not be combined.
4. Fuel injection systems are allowed.
5. Turbo Exhaust must be constructed in a manner that the exhaust outlet is not directed at the driver or competitor.
6. Exhaust system must be functionally silenced.
7. Exhaust system must fit within overall maximum length and width rules.

### **DRIVE**

1. Any CVT type primary and secondary clutch may be used.
2. Primary clutch and secondary clutch may be modified.
3. Clutch cover must have full facial coverage and 360-degree elliptical coverage in the direction of clutch/belt travel. Clutch cover must be .090 inch 6061T6 aluminum or equivalent steel material and be covered with 6" belting. Other clutch cover materials not allowed. If the clutch cover is fastened to the existing belly pan, the area below the clutches (from front of cover to rear of cover and width of cover)

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must be covered with .090 inch 6061T6 aluminum or equivalent. If cover is .125 inch, 6061T6 aluminum or equivalent steel material, belting is recommended, but not mandatory. Clutch cover and related belting must be securely fastened.

4. Backside of clutches must be covered by a portion of the clutch cover or by a bulkhead of comparable material.

5. Outlaw class sleds must have a twin opposed piston caliper braking system with a minimum 3/16 inch thick, 7.0-inch minimum diameter brake disc, mounted on the drive axle. Any manufactured brake disc allowed, except no aluminum brake disc may be used.

## SKI SUSPENSION AND STEERING

1. Sled must have a minimum ride height of 3" measured at the lowest point of the bulkhead/skid plate and must retain 2" of remaining compression travel with driver on snowmobile.

2. Ski suspension must have at least one hydraulic shock absorber on each side.

3. Minimum ski stance (center to center of ski runners) is 40 inches.

## SKIS & SKI RUNNERS

1. Any commercially available aftermarket ski may be used.

2. Minimum ski length is 20".

## TRACK SUSPENSION

1. Must be a minimum of 2" of remaining compression travel with driver on snowmobile.

## TRACK & TRACTION

1. Any commercially available rubber track allowed. No cleated tracks allowed.

2. Speed tracks and suspensions are allowed.

3. Track lug height may be trimmed to a minimum of ½ inch lug height. No other track trimming allowed.

4. Minimum track width is 13.5 inches.

5. Any traction device must not extend more than ¾ inch, (.750 inch) above the highest point of the track or traction lug.

## FRAME & BODY

1. Snowmobiles using production or aftermarket tunnels that measure less than 1/8" or .125 inch in

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thickness shall add additional sheet or sheets of metal to the tunnel to achieve .125 thickness. Tunnels 1/8-inch (.125) thick or thicker do not require this added sheet.

2. Hood must have top and side cowling and must contain at least 1300 square inches.
3. A skid plate (belly pan) is required.

## **BRAKES**

1. Outlaw sleds must have twin opposed piston caliper braking system with a minimum of 3/16inch-thick (.015-inch tolerance), 6" minimum diameter brake disc. This disc must be mounted on the drive axle. Any manufactured brake disc allowed, except no aluminum brake disc may be used.

## **IGNITION & ELECTRICAL**

1. Any ignition may be used. Electrical stutter boxes, launch control and traction control allowed.