

# SNOWMOBILE DRAG RACING OF EASTERN CANADA

## HEAVY MOD CLASSES AND RULES

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

CLASS	MINIMUM COMBINED WEIGHT
500	500 lbs
600	550 lbs
700	550 lbs
800	550 lbs
1000	550 lbs
1000 (4 stroke)	720 lbs

### HEAVY MOD GENERAL SNOWMOBILE REQUIREMENTS

1. Minimum combined weight is the weight of the driver and snowmobile.
2. 800cc and 1000cc - maximum overall length 144 inches.
3. Race Director shall have the authority to determine structural integrity.
4. 4-stroke powered snowmobiles in the 1000cc Heavy Mod. class may not incorporate a turbo-charger.

### ENGINE

1. The engine is an engine manufactured for snowmobile use (this does not include outboard, motorcycle, aircraft or automotive engines, etc.). The Race Director will approve the validity of all engines. Watercraft crankcase and crankshaft from a snowmobile manufacturer may be used.
2. Cylinder maximum overbore is defined as 2 % over the cc displacement for the class. Heavy Modified 1000 maximum overbore is defined as 5 % over the cc displacement for the class.
3. No super charging, turbo charging allowed unless otherwise specified.
4. Fuel injection allowed.
5. Exhaust not enclosed within the confines of the cowl must point rearward and downward and extend beyond front cross member/spindle centerline. Exhaust system cannot compromise/exceed overall snowmobile length and width.
6. Exhaust system must be functionally silenced.
7. Exhaust system must fit within overall maximum length and width rules.

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## DRIVE

1. Modified 800cc classes and above must have a twin opposed piston caliper braking system with a minimum 3/16 (.015-inch tolerance) inch thick, 7.0-inch minimum diameter brake disc, mounted on the drive axle. Any manufactured brake disc may be milled or drilled in the original pad contact area (all pads inclusive). The disc pad contact area may not be reduced more than 15% of the original pad contact area.

## 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. Minimum ski stance (center to center of the ski runners) is 40 inches. No maximum ski stance width.
3. Ski suspension must have at least one hydraulic shock absorber on each side.

## TRACK SUSPENSION

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

## TRACK & TRACTION

1. Any commercially available one-piece molded rubber track allowed.. No cleated tracks allowed.
2. Track lug height may be trimmed to a minimum of ½ inch lug height. No other track trimming allowed.
3. Minimum track width is 13.5 inches.

## FRAME & BODY

1. Snowmobiles using production or aftermarket tunnels that measure .125 in thickness.
2. Hood must have top and side cowling and must contain at least 1300 square inches.
3. A skid plate (belly pan) is required.

## IGNITION & ELECTRICAL

1. Any ignition may be used. Electrical stutter boxes, launch control and traction control allowed.
2. External electric starters are legal.