

Bike Class Rules

SAFETY REQUIREMENTS

- 1) Front and rear brakes mandatory.
- 2) Chain guards and clutch covers mandatory.
- 3) Engine kill switch attached to Rider on 0 to 10.99 (6.99 1/8th mile) machines.
- 4) Tank mounted fuel shutoff valve on 0 to 9.99 (6.40 1/8th mile) machines.
- 4) A "Snap-Back" throttle on all machines.
- 6) All handlebars must measure at least 10" from the centers of fork clamp, measured horizontally. In no case may the handlebars be mounted below the lower fork clamp on all machines.
- 7) Rigid front forks are not permitted on any machine.
- 8) The rear fender of all entries must cover the full width of the tire used, extend to above the rear axle, and below the rider's sitting position.
- 9) All machines must have properly secured seat, foot pegs, and handle grips.
- 10) Mirrors, windshields, and all protruding brackets must be removed on all machines. Saddle bags must be empty or removed completely on all machines.
- 11) Nitrous Oxide permitted on bikes going 9.99 (6.40 1/8th mile) or quicker only. Overall safety of all machines will be judged by Committee. Any unsafe machine will not be permitted to race. Any machine that exhibits unsafe handling characteristics at any time will be disqualified until the Technical Committee re-admits the entry.

RIDER REQUIREMENTS

- 1) Each participant agrees to familiarize himself with all applicable rules and regulations prior to competing in any IHRA sanctioned event.
- 2) SFI 40.1-1 or 40.1-2 suit or jacket or leathers or accepted kevlar mandatory for all riders. All riders who run 10.99 1/4 or 6.99 1/8 or quicker or run 120 mph or faster must wear a 40.1/2 suit or leathers. Two piece suits may be joined at the waist by a zipper. Leather gloves and boots/shoes extending above the ankle mandatory.
- 3) Helmet: SN-90 or newer, K 98, 2000 or SFI 31.2 or 31.2 mandatory. See General Regulations.
- 4) All competitors running 9.99 or quicker 1/4 mile, or 6.40 or quicker 1/8 mile must have valid IHRA Competition License.

Snowmobile Rules:

ENGINE: Must be engine specifically designed and manufactured for production snowmobile use. Engine modifications permitted maximum displacement not to exceed 1,000 cc's. Automobile, motorcycle, aircraft or marine engines prohibited.

EXHAUST: Any functional silenced exhaust permitted. Exhaust system emission pipe must not protrude more than 3" beyond the chassis or hood.

FUEL: Gasoline or racing gasoline only. Nitrous oxide permitted: see General Regulations. Nitromethane prohibited.

SUPERCHARGER/TURBOCHARGERS: Permitted.

DRIVE TRAIN

CLUTCH: Clutch must be specifically designed and manufactured for snowmobile use. Chains, pulleys, belts and exposed moving parts must be isolated from the driver and other competitors by a securely mounted shield(s), capable of retaining all accidental explosions and allowance impacts. No holes may be drilled in protective shields. OEM clutch covers/guards are permitted only when the unmodified engine (or unmodified factory designated replacement) used. Modified engines require a clutch cover/guard which provides 360 degrees elliptical coverage in the direction of clutch/belt travel. The cover/guard must be minimum .090"

2024T3, 6061T6, 7075T6 aluminum or .060" steel and be covered by secured fastened, 6" wide, industrial type

belt. Belting material must be minimum .125" 2024T3, 6061T6, 7075T6 aluminum or minimum .090" steel are exempt from the belting covered requirement. Snowmobiles with bolted/removable side panel may bolt clutch cover/guard to side panels. Clutch cover/guard must be separate from the cowl.

DRIVE TRACK: Track must be a flat type configuration. Paddles, studs and spikes prohibited. All snowmobiles 9.99 seconds or quicker must have a track specifically designed for use on all asphalt surfaces. Track lubrication systems prohibited. Trimming of the track prohibited. Track must be free of visible signs of excessive wear. Serial numbers on all asphalt rubber tracks must appear on the left side.

SKIS AND WHEELS: All drive and steering wheels must be of a rubber type, specifically designed for snowmobile use on a dry surface, and installed so as to keep skis from coming in contact with track surface. All skis must be OEM steel, or aftermarket aluminum or steel. The minimum distance between each ski is 9.5 inches.

BRAKES AND SUSPENSION

BRAKES: Must be OEM type. Any additional assembly must be added onto the drive axle shaft. Axle shaft may be lengthened to accommodate the additional brake.

SUSPENSION: All snowmobiles must have a minimum 1" of travel in the track suspension. Only steel springs will be permitted. Externally activated suspension systems prohibited. Minimum of 4 bogie wheels must be utilized on each side of the rear suspension to prohibit the slide rails from coming into contact with rubber track surface. Use of any external slide rail lubrication system prohibited.

CHASSIS

AIR DAMS OR FINS: All dams may not extend beyond the confines of the body and must maintain 3 inches of ground clearance. Fins or any other forward protrusions are prohibited.

CHASSIS: Any modifications which alter the stock appearance of the tunnel are prohibited.

FUEL TANK: Fuel cell permitted. See General Regulations. Oil injection tank used as fuel tank prohibited., Pressurized fuel tank prohibited.

SNOWFLAP: All snowmobiles must be equipped with a rear snowflap, fastened to the tunnel in a manner that prohibits the snowflap from being drawn into the rear tunnel enclosure (a simple "W" shaped bracket fixed to the upper portion of the rear tunnel stops this.)

ELECTRICAL

MASTER SHUTOFF: Must be equipped with a positive ignition cutoff switch, capable of de-energizing entire ignition system, attached to rider with a lanyard.

TAILLIGHT: Functional taillight mandatory.

SAFETY EQUIPMENT

HELMET: Full face helmet meeting SN 90 or SFI 31.2 or 41.2 mandatory. See General Regulations.

PROTECTIVE CLOTHING: Full all leathers or SFI Spec 40.1/2 suit mandatory on snowmobiles running 120 mph or faster. Two-piece suits must be joined together at waist with a zipper. Jacket and pants or suit meeting SFI Spec 40.1/1 or 40.1/2, leather boots/shoes above the ankle and leather gloves mandatory.

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