

## **PRO MOD RULES**

### **PRO MOD SNOWMOBILE GENERAL REQUIREMENTS**

- 1. Tethers are required in Pro Mod classes.**
- 2. Tek-Vests are required in Pro Mod classes.**
3. Race Director shall have the authority to determine structural integrity.
4. Engine and chassis may be interchanged between brands.
5. The combined weight in all classes is to be 625 pounds minimum

### **ENGINE**

1. Any engine allowed. Engine must not exceed displacement limit for the class.
2. Maximum overbore is defined as 2% over the cc displacement limit of the class.
3. Any functionally silenced exhaust system allowed. The exhaust emission pipe must not protrude more than three (3) inches beyond the chassis or hood configuration.

### **IGNITION AND ELECTRICAL**

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

### **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. Brake control handle must remain in the OEM location (left side, front side of bar).
3. Sled overall width is open.
4. Any commercially available handlebar allowed.

### **SKIS & SKI RUNNERS**

1. Any commercially available aftermarket or OEM for the brand ski
2. Minimum ski length is 40".

### **DRIVE**

1. The clutch cover must be separate of the cowl configuration and cover the clutch perimeter and faces to the center of the clutch bolt or below. Must be .090 inch 6061 T6 aluminum or equivalent steel material the outer perimeter must be covered with 6-inch belting. No other clutch cover material is allowed. If .125 aluminum or steel is used, belting is recommended but not required. Snowmobiles with removable side panels may fasten clutch covers/ shields to side panels to meet this requirement.

#### **TRACK SUSPENSION**

1. Any aftermarket or OEM suspension is allowed. Modifications to OEM or any commercially available aftermarket suspensions must maintain structural integrity.
2. 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. Track lug height may be trimmed to a minimum of 1 inch lug height. No other track trimming allowed.

#### **FRAME & BODY**

1. Tunnel material in all machines in all classes must maintain its structural integrity and be free of wear from traction devices.
2. The hood must have top and side cowling and must contain at least one thousand three hundred (1300) square inches of surface. The hood must be identifiable as an OEM style hood.

#### **PRO MOD 4-STROKE RULES**

1. The following four stroke engines are allowed: Arctic Cat 2 cylinder limited to 1056 displacement +2% over bore allowed. Arctic Cat/Yamaha 3 cylinder limited to 998 displacement +2% overbore allowed Ski Doo 3 cylinder limited to 1170 displacement +2% overbore allowed. Yamaha 3 cylinder limited to 1049 displacement+2% overbore allowed. Yamaha 4 cylinder limited to 998 displacement +2% overbore allowed.
2. Can be fuel injected or carbureted. Only one venturi per cylinder.
3. Air to Air intercoolers only. Intercooler can be aftermarket but must be air to air concept.
4. No methanol injection allowed.
5. All sleds must use a OEM Arctic Cat /Yamaha IHI turbo charger. The OEM turbo charger must not be altered or modified in any way to enhance performance.
6. Any ignition allowed.
7. Weight for sleds of this category is 710 lbs. Full body sleds are legal for this class.
8. Weight may be adjusted at any time in the interest of fair competition.