

603 Vintage Oval Racing Rules & Classes
2017
Northwood Crank Pullers Races
Included events January 14, January 21, 2017 Northwood, NH
April 1 2017 Weare, NH

This years rules will be a combination of the northern rules and the Northwood Crank Pullers rules.

MINOR CHANGES for 2017

1. **STUDS:** allowed all classes, not required, your choice.
(This is for the safety of everyone, driver, other drivers and spectators)
Max. Track Lug height of $\frac{3}{4}$ ". Max stud height above track lug is $\frac{3}{8}$ "
R tracks are encouraged
2. **HANDLEBARS** may be modified in any way to fit the driver to the sled, all classes (this is for the safety of everyone)
3. **FAN IFS CLASS:** front suspension width. ALL brands 40" center to center, no offset.
4. **CASH PAYBACK:** There will be a cash payback for 1st and 2nd place class winners excluding the 120s and juniors.

CLASSES

74 250 Single & Twin
74 295 Single & Twin
74 340 Twin
74 400 Single
74 440 Twin
74 JR 340(junior)
74 PP 440(powder puff)
74 50+ 440(50 yrs and older)
78 340 F/A stock
74 OUTLAW
78 340 MOD
78 440 MOD
S 120's
M 120's
92 IFS FAN

77-92 CLASSES

IS 250
IS 340
IS 440
IS 440+
PP 340 18 yrs+(powder puff)
JR 340 11-17 yrs(junior)
55+ 340(55 yrs and older)

RUNNING ORDER

IS 340
74 250 S & T
S 120
PP 340
74 295 S & T
74 JR 340
IS 440
74 340 T
JR 340
IFS FAN
IS 250
74 400 S
78 340 F/A stock
P S
M 120
55+340
74 440 T
OUTLAW
IS 440+
74 PP 440
M 340
74 50+ 440

M 440

PURE STOCK (J Murphy rules)

Note - Any class that consistently has 3 sleds or less will be eliminated for 2018
Any class with 3 sleds or less may be combined with another class with 3 sleds or less with 1 winner from each class.

***INDICATES CHANGES FROM 2016 Rules**

74 Rules or Northern Rules

- All sleds must be manufactured 73 or earlier, only exception is if the model continues, for example skidoo tnt 74-77.
- No OEM or aftermarket performance kits.
- MOTORS must be fan cooled, and cooling must be functional as designed, no twin pipes stock or aftermarket and remain stock
- MOTORS must have stock ignition, max of .060 oversize, no reed induction motors.
- DRIVE CLUTCH must be OEM for models up to 74, comet duster, or power bloc 50/alt
- DRIVEN CLUTCH must be for make and model
- CHAIN CASE must be for make and model, and in stock location. **NO** jackshaft chassis.
- *FUEL TANK must be the only fuel supply and must be OEM for make, model, and year.
- *CARBS must be OEM or replaced with mikuni round slide within 2 mm of stock.
- SKIS, OEM or stock replacement any manufacture up to 74, no aluminum or plastic. carbide runners are allowed, 1 per ski max of 3/4" from bottom of ski. Tips and edges of skis must be padded or protected.
- SKI SPREADERS: allowed, 3" max per side, no ski supports
- BRAKE upgrades are permitted, must remain in the same location.
- TRACKS: cleated may change to rubber, but rubber can NOT be changed to cleated, and drivers may be changed.
- SUSPENSIONS: any make suspension up to model year 1976. Suspension may be modified to accept 121 tracks.

74 Powder Puff 440, women only, 74 improve stock sleds only.

74 Junior, 74 improve stock sleds only.

74 50+ 440, 74 improve stock & 78 340 F/A stock sleds only.

78 340 F/A stock 74 improved stock rules

Outlaw, 340 & 440 MOD: remain as per Northern rules (change for 2018, front suspension 40" center to center no offset

S 120 & M 120 remain as per Northern rules

IFS FAN (same as the northern rules except no list and a front suspension dimension of 40" center to center, no offset. Any FAN COOLED production IFS sled model year 1977-92) only exception is if the model continued unchanged.

1977-92 Classes

- Remains mostly the same as last year, except for track height will now be $\frac{3}{4}$ " NOT 1")
- Fan cooled and Free air run in same classes.
- LEAF SPRING front suspension.
- FRONT SUSPENSION must be stock width. stock skis or oem replacements, or same style and material from another manufacture, single carbide runner, $\frac{3}{4}$ " max. below bottom of ski. No spreaders.
- REAR SUSPENSION must be stock, but can be modified to accept a 121" track.
- TRACK must be stock or stock replacement, or replace with a 121" track, max height $\frac{3}{4}$ ", R-tracks are encouraged
- **ALL (IS) IMPROVE STOCK CLASSES:** Will be a true improved stock or visual stock class. Open the hood and it must appear as it came from the factory other than what is allowed in the individual class rules. What's done on the inside of the motor is not important, only the cc's, pistons, stock replacement up to .040 oversize. The stock EXHAUST will be the limiting factor on how much horsepower the motor makes. Just like the rest of the racing world.
- CARBS: 2 mm over stock, can change to mikuni round slides.
- CLUTCHES: oem for model and year
- BRAKES: may be upgraded, must remain in same location.
- CHAIN CASE must be oem model and year, and in stock location. Gears may be changed.
- FUEL TANK must be stock and the only fuel supply.
- SEAT must be stock appearing. Light and storage compartment may be removed, and method of mounting may be changed.

SAFETY

- Tethers are required for all classes, hooked to clothing not glove, and can only extend to the rear of sled. Tether must be attached to someone while sled is running.
- Kill button location next to throttle encouraged but not required.
- Tech vests required for all classes, neck & head collars encouraged.
- Shin guards encouraged.
- Warm up stands (see ISR rule book)
- Tunnel enclosures are required to square off tunnel, enclosure will be no more than 1" above rear axle bolt with driver sitting on sled and flap must touch the ground with driver sitting on sled. The flap must be tethered. (See ISR rulebook)
- Clutch covers must be stock or better, sides and belting encouraged, (see ISR rule book)

- Ski tips and edges must be padded or protected
- Fire extinguisher, each driver will provide his ABC type fire extinguisher in the pit area.

RACE LENGTH

3 Lap Qualifier. All classes

FINALS 5 sleds or less and 120's 5 LAPS

FINALS 6 sleds and more 7 LAPS

YOU CAN REMOVE THE FOLLOWING IN ANY CLASS

- Lights, switches, wires, and cables
- Tool boxes and storage boxes
- Suspension wheels
- Air box
- Oil tank, oil pump, lines, cables
- Windshield
- Gauges and gauge shroud

Things to keep in mind for the 2018 season

40" center to center no off set. 340 mod, 440mod, and Outlaw. Spreaders are only allowed 3" max each side.

Any class that has 3 sleds or less consistently will be dropped for 2018, goal is to get down to 15 to 20 classes.

Thank you for taking the time to read this.
Rules as of September 2 2016

Northwood Crank Pullers Race Committee
Questions and Opinions
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