

**Libby Logger Days**  
**Lawnmower Race Rules**  
**SUPER STOCK CLASS RULES**

1. No Mower blades. The mower deck must remain in the stock position.
2. Open to all self propelled rotary type lawnmowers. Mowers must have been designed and sold to mow residential lawns.
3. **Engines:**
  - 5-20 horsepower.
  - Governor may be removed or disconnected.
  - Exhaust may be replaced with header type, directed down or to the rear.
  - Must have tethered kill switch (types found on boats, wave runner or quad runners).
4. **Bodies and Frame:**
  - Frame, fenders and hood must be stock and securely mounted.
  - Must be stock height with stock wheels and tires.
  - Brakes must operate properly.
  - Battery must be secure and terminals must be insulated with covers or heavy tape.
  - Front axle may be pinned or welded solid, but not lowered.
  - The body must have contrasting numbers, one on each side and one on the rear.
  - No handlebars allowed, steering wheel only.
5. **Drive train:**
  - Differential or rear axle may be locked.
6. **Throttle:**
  - Any type throttle may be used, twist grip, thumb throttle, squeeze grip or foot pedal. Must operate freely and have operable return spring. No fixed throttles.
7. **Belts/pulleys/chain:**
  - Stock configuration only. Gearing ratio is unlimited.

# Libby Logger Days

## Lawnmower Race Rules

### MODIFIED CLASS RULES

- Engines:** Must have originally been produced for riding lawn mowers.
  - 5-20 horsepower single or twin cylinder.
  - Four cycle, gas only.
  - Horizontal or vertical shaft.
  - **Engine modifications:** Engine must be stock. No internal modifications allowed. May be rebuilt, but will not exceed manufactured stock specifications. Performance enhancing parts can be used (updated factory parts such as rods, pins, etc). Ignition must be stock. Older points systems maybe upgraded to electronic ignition. External modifications limited to different carburetor, removal of stock exhaust, replacing with header type, disconnecting governor, and replacing or modifying air filter, exhaust must be directed down or to the rear of mower. Crankcase ventilation system may also be modified.
- Starters:** Electric or pull start only. No push starts. Battery must be securely fastened. Battery terminals must be insulated with cover or heavy tape.
- Gas tank and fuel systems:** Gas tank must be securely mounted and reasonably protected. Pump fuel only, additives optional. In-line fuel shut off valve mandatory. No fueling a running engine. Nitrous oxide, nitro methane or alcohol MAY NOT BE USED.
- Throttles:** Any type throttle may be used: twist grip, thumb throttle, squeeze grip or foot pedal. Must operate freely and have operable return spring. No fixed throttles.
- Safety Kill Switch:** Must have a breakaway type, grounded safety switch (TETHER type is mandatory). For example, types found on boats, wave runners, and quad runners. If an electric fuel pump is being used, kill switch must disengage electrical power to all circuits.
- Transmission/rear axles:** Must be from a lawnmower. Solid axle recommended. Differential may be locked. May be strengthened or remade from heavier steel. The maximum width of the axles is 38 inches (that's the measurement from outside tire to outside tire).
- Frame/front axle:**
  - **Frame:** Must use lawnmower frame, may be reinforced. May be a minimum of 6 inches off ground at lowest part of frame. It may be no longer than 60 inches long (that's the distance from front spindle to rear axle). Front axle may be pinned, bolted or welded in place. No type of suspension.
  - **Front axle:** No go-kart type spindles allowed. Spindle bushings must be in good condition. Steering arms and tie-rods must be a minimum of 3/8-inch diameter. Double locking device highly recommended on front spindles (pinned, bolted, welded or a nut

to keep on front tire and wheel. A standard C-clip that's on most mowers is not sufficient but may be used with another type of locking device). Front axle may be fabricated from heavier steel, not to exceed 38 inches wide, outside of tire to outside of tire. Camber and caster may also be modified.

8. **Tires and wheels:** You may use steel or aluminum wheels, 6-inch front and 8-inch rear. Wheels with bearings instead of bushings are highly recommended. FRONT TIRES MUST HAVE TUBES. No ATV, snow hogs or go-kart tires allowed. Turf style tires only. No larger than 20 inch tires. If using wheels with bushings then bushings must be in good condition.
9. **Belts/pulleys/chains:** Any pulley configuration allowed. Any pulleys or belts exposed must have guards or covers. No torque converters or centrifugal clutches allowed.
10. **Brakes:** Brakes must be in working order. Better braking systems are highly recommended.
11. **Body:** Body must be stock. All body parts must be mounted securely. Hood must also lock in place. The body must have contrasting numbers, one on each side and one on the rear. A form of mowing deck must be used to appear to be a lawnmower. Stock mowing decks may be cut down or running boards designed to look like a deck may be used. Deck must be 2 ½ inches from the ground or higher. Steering wheels or handlebars allowed.
12. **Bumpers:** Safety bars and front bumper not recommended, but allowed. It may not exceed half the width of the front tires. It may not exceed more than 2 inches in front of the front tires. Rear bumper may not exceed the width of the rear tires. It may not exceed more than 2 inches behind the tires. Running board may not exceed the width of the tires and must be securely fastened to the frame of the mower. Mowing deck may exceed width of tires if in stock form; it may not be widened and can be used for running boards. Foot pegs are not allowed.

**Libby Logger Days  
Lawnmower Race Rules  
OPEN MODIFIED CLASS RULES**

**1. ENGINES:**

- 5-20 horsepower single or twin cylinder.
- Vertical or horizontal shaft.
- Must be lawnmower type engine.
- May be internally and externally modified.
- Must be 4-cycle engine.
- Exhaust must route downward or to the side of mower.

**2. STARTERS:**

- Electric or pull start only. NO hand held gear drive starters, (like on go-karts and dragsters.)
- Battery must be securely fastened. Battery terminals must be insulated with covers or heavy tape.

**3. GAS TANK AND FUEL SYSTEM:**

- Gas tank must be securely mounted and reasonably protected.
- No nitrous oxide allowed.
- In line fuel shut off mandatory.
- No fueling a running engine.

**4. THROTTLES:**

- Any type throttle may be used, twist grip, thumb throttle, squeeze grip, or foot pedal.
- Must operate freely and have operable return spring.
- No fixed throttles.

**5. SAFETY KILL SWITCH:**

- Must have breakaway type, grounded safety switch. (TETHER type switch is mandatory.) For example types found on boats, wave runners, quad runners.
- If an electric fuel pump is used, kill switch must disengage electrical power to all circuits.

**6. TRANSMISSION / DRIVELINE:**

- Driveline choice is open. (Gearboxes, centrifugal clutch, torque converters, direct drive, solid rear axle.)

7. **BODY AND FRAME:**

- Must use lawnmower frame. If stock frame is inadequate for racing, it may be reinforced or a new one built from steel of the same dimension and style.
- No aluminum frames.
- Wheelbase may be no longer than 60 inches (that's the length from axle to axle.)
- Width may be no wider than 38 inches (that's outside of tire to outside of tire.)
- Body must have lawnmower style hood and fenders. May be modified to fit frame. Hood must lock in place.
- All body parts must be mounted securely.
- The body must have contrasting numbers, one on each side and one on the rear.

8. **TIRES AND WHEELS:**

- Any style wheels may be used.
- They must mount securely to the axles, and you must use turf tires.
- No ATV, snow hogs, or go-kart tires allowed.
- FRONT TIRES MUST HAVE TUBES.

9. **BRAKES:**

- Mandatory and in working order.
- Must be upgraded from stock system.

10. **SUSPENSION:**

- No shocks or springs allowed.
- Steering arms and tie rod ends must be 3/8-inch diameter minimum.
- You must use heim joints or large type ball joints.

11. **BUMPERS / MOWING DECKS:**

- Front bumpers are allowed. May not exceed half the width of the front tires, and may not exceed more than 2 inches in front of the front tires.
- Rear bumper must not exceed the width of the rear tires, and may not exceed 2 inches behind the rear tires.
- Running boards or nerf bars are highly recommended, but cannot exceed the width of the tires.
- Mowing decks may be used in place of running boards, but must be securely fastened to the frame of the mower.
- An outside barrier on the running boards or mowing deck to keep your feet from slipping off is highly recommended.

# Libby Logger Days

## Lawnmower Race Rules

### FLAGS/GENERAL RULES AND INFORMATION

- **FLAG OFFICIAL:** Will have the final decision on all tracks and racing controversies. His decision will be final, unless the violation needs to be addressed by the Organizers because of possible violations that may lead to immediate disqualification.
- Grid positions may be determined by a drawing from a hat on race day.
- All mowers will be safety inspected before a race for safety equipment and racers gear (boots, kill switches, helmets, etc.).
- Upon a caution the flag official will show one finger and a rolled up **YELLOW** flag to indicate 1 lap remaining before the **GREEN** flag will restart the race. If there is a problem with restarting after giving the 1 to go, the flagman will wave crossed arms back and forth to indicate the start has been waved off.
- Full course cautions; all mowers will slow to an idle, bunching up in a single row, continuing until given the green flag at the start/finish line. A driver cannot pass under a caution flag. If the driver passes under a caution flag then the driver must go back to original position.
- If a driver is unsure of his/her current position then the driver should pull along side the position that is in question and wait for an official to indicate where the driver is to be placed.
- If a caution flag with less than 3 laps occurs, it will create a **GREEN/WHITE/CHECKER** situation. Meaning when racing resumes, the drivers will take a **GREEN** flag then the next lap will be a **WHITE** flag followed by a checkered flag.
- Drivers are only allowed 2 **YELLOW** flags per race, 1<sup>st</sup> will be a warning with a rolled up **YELLOW** flag being waved at the driver. 2<sup>nd</sup> will be a trip to the back of the pack. 3<sup>rd</sup> will be an automatic **BLACK** flag **PUTTING YOU OUT OF THE RACE.**
- Upon a **RED** flag, stop on the track and wait for the official to line up the field back in order. Once the field is lined up, the **YELLOW** flag will be displayed to pace the field for a restart. If the mower(s) involved with the caution are able to regain position at the tail of the pack within 3 caution laps, they will restart with the field.
- All the decisions made by the official flagman are final.
- If you wreck or have some type of trouble with your mower, try to drive your mower off of the track. In the event is not possible to move, **DO NOT** step off of your mower or remove any safety equipment. Raise your hand and wait for the official to relieve you from your mower. Then and only then, you can remove your mower from the track and then your safety gear.
- Finishing order will be determined by what position you are going across the start and finish line. In the event that you are unable to cross the finish line the amount of laps you complete, or your distance to

the start/finish line will determine your position.

- All complaints and disagreements must be taken to the race Organizer after the race. The race Organizers will have final authority and be ruled upon in a case-by-case scenario in a good sportsman-like manner or will not be heard.

**THIS MEANS NO YELLING AT ONE ANOTHER.**

- In the event a racer should compete with more than one mower in any given class, points will stay with the driver, not the mower.

## FLAGS

**Every driver must know the meanings of the flags and respond to their meanings precisely or they will be subjected to the races conduct rules and possible immediate disqualification.**

**GREEN:** The race/practice is under way when the green flag is waved.

**YELLOW:** Take care, Danger. NO PASSING ON ENTIRE COURSE. Soon as any driver notices the yellow flag, he/she must raise up one of their arms to notify other drivers of the caution. Drivers then form in single file and close up with the leader, and follow the official flagman's directions.

**YELLOW & WHITE:** These two flags drawn together by the official flagman are to indicate the field is not sufficiently bunched for the restart. If you see this signal, close it up!

**RED:** STOP RACING IMMEDIATELY. Clear the course as much as possible.

**BLACK:** You've got troubles or you're in trouble. If this flag is rolled up and shaken at a driver you have been given a warning for some type of infraction or equipment violation There is only **ONE** warning, once an opened **BLACK** flag is waved at you, you're out of the race. At that point you must pull off of the track if possible and stop your mower, or into the pits, and the issue will be settled after the race.

**WHITE:** One lap to go before race is finished.

**GREEN/WHITE/CHECKER:** If a caution flag with less than 3 laps occurs, it creates a **GREEN/WHITE/CHECKER** situation. Meaning when racing resumes the drivers will take a green flag, then the next lap will be a white flag followed by a checkered flag.

**CHECKERED:** End of race or practice session. Driver must complete lap and pull into the pits or impound area.

Race officials may test drivers at any time for knowledge of flag procedures and these regulations. Drivers must pass all tests in order to practice or race.

## Libby Logger Days Lawnmower Race Rules

# Safety/General Rules and Information

### Safety / General Rules and Information

No alcohol or drug consumption by racers or pit crew will be tolerated on the day of or during any race event. ANY driver or race staff before the end of the last race or other on-track activity may consume NO alcoholic beverages. NO illegal drugs or controlled substances or firearms shall be tolerated on the track premises AT ANY TIME. Violation will be cause for immediate disqualification from the race. Race team will be asked to immediately leave the event.

1) **Conduct:** Any unsafe action is cause for immediate disqualification. Any unsportsman like conduct by driver or pit crewmember will be brought in writing to the Organizers attention. Complaints and disagreements must be taken to the Organizer's table before the race. This is where the race officials will settle the complaint. The race Organizers will have final authority on all matters regarding the conduct of all racers. NO EXCEPTIONS!

#### 2) Safety

- The race Organizers will have final authority on all matters regarding the safety and conduct of all racers, and any matters relating to racing conditions and mowers.
- First aid kits will be available at each race.
- Ambulance will be on site for each race.

#### 3) Driver Safety Equipment

- DOT approved helmet required. The helmet must fit snugly and be securely buckled when driver is on the track. Long hair must be kept tucked inside the helmet.
- Helmet face shields or goggles are required. Glasses, (regular, safety or sun) are not sufficient.
- Every driver must wear long pants, long-sleeved shirt or jacket, full-finger gloves and leather over-the-ankle footwear on the track. Motorcycle leathers or anti-abrasion karting suits are highly recommended. NO loose clothing (un-tucked or unbuttoned shirts, etc.)
- Neck braces designed for racing applications are highly recommended.

#### 4) Inspections – Safety

- An inspection sticker will be issued at **each** race. The sticker will have both initials of the Pit Technical Official and the Pit Safety Official before practicing or racing at any event.
- Race officials may test drivers at any time for knowledge of flag procedures and these Regulations. Drivers must pass all tests in order to practice or race.
- Drivers must show their personal safety equipment at safety inspection before practicing or racing at any event.

#### 5) Inspections - Pit

- Pit Technical Officials will inspect all mowers before practicing or racing at any event.

Mowers must comply with rules of each class entered.

- Mowers may be re-inspected at anytime for compliance with existing rules and regulations at the discretion of the Race commissioner, **Race Day Chief Organizer** or any Staff-level Pit Technical Inspector or the event. If found to be in non-compliance with these Regulations, any mower may be removed from competition.
- Motor tear down not a requirement for disqualifications. Mowers may be inspected at anytime for compliance with existing rules and regulations.
- An inspection sticker will be issued at **each** race. The sticker will have both initials of the Pit Technical Official and the Pit Safety Official before practicing or racing at any event.

**6) Drivers**

- Drivers must be 18 years of age.
- Drivers must know the meaning of the flags
- Drivers must not be pregnant.
- Drivers must display a wristband.

**7) Liability Waiver**

- All drivers, pit crew, and safety people must sign a liability waiver. Anyone not signed in will not be allowed in the pits or on the track.

**8) Race Times/Meetings**

- All drivers are required to arrive per scheduled hours.
- All drivers will attend the drivers meeting prior to the race. The driver cannot race if the driver's meeting prior to the race was not attended.
- All drivers are required to clean up their pit area after each race.

**9) Numbers**

- **It is recommended that racing numbers be pre-registered with the REGISTRATION COORDINATOR.**
- Numbers must be contrasting color at least three inches high, and clearly visible. Numbers must be displayed on both sides and back. Front numbers are not required.
- The number **01 is reserved and MAY NOT BE USED IN ANY CLASS.**
- NO LETTERS.
- Sponsor graphics must not interfere with the mower's racing numbers.

**10) Racing Fees**

- Pre entry fees will be \$10.00.
- Entry fees at the time of the race are \$15.00
- An additional \$15.00 will be charged for each additional class entered per race.
- No refunds

**11) Pits**

- Pit crewmembers must be at least 16 years of age, with a signed liability waiver and a consent release form from parental or legal guardian to be in the pit area during racing events.
- Only **ONE** vehicle per mower into the pit area.

**A driver who has paid the registration fee is allowed TWO-pit crewmembers. PIT**

**CREWMEMBERS MUST BE SIGNED UP WITH THE DRIVER. Pit crewmembers must pay general admission fee and must have completed waiver forms.**

- Pit crewmembers must display a wristband.
- Driver must have a full 10BC-rated fire extinguisher in his/her equipment.
- All crew and equipment will be kept in the pit area. Everyone in the pits must use caution.
- No smoking in the pit area.
- The driver is responsible for the conduct of his/her guests and crew, even while on the track.
- Mower pit speed is 5 mph maximum.
- Mowers must be completely stopped before driver dismounts.
- Refueling: Driver must dismount and engine must be off when fuel is added. A fire extinguisher (liquid fire rated) must be in the hands of a crewmember any time fuel is added to a hot machine.
- Crews are under the direction of the Pit Official at all the times.
- No animals in the pits

**12) Track**

- All individuals entering the track area must display a wristband.
- No smoking on the track.
- No onboard communications devices are allowed.
- Unsafe off-track driving practices may result in disqualification.
- Top winner from each heat will race for top class position. Revisions may be made on race day.
- Anyone jumping the starting flag will be sent to the back of the pack.
- The responsibility for a safe pass rest with the overtaking driver.
- Flat tires will be black-flagged.
- Mower must be completely stopped before driver dismounts.
- If a driver leaves the course, he/she must re-enter the race as close as possible to the same point. The driver may not re-enter further down the track. All decisions made by the flag official will be final. The Flag official will control the track at all times
- If a mower stalls on the racecourse, the driver's **FIRST** responsibility is to move the mower to a safe position at least 10 feet off the course. Crewmembers may not go on the course at any time during the race unless specifically directed to do by the **Flag Official**.
- **NO INTENTIONAL BUMPING WILL BE TOLERATED ON OR OFF THE COURSE. DISQUALIFICATION WILL BE IMMEDIATE.**
- All non-stock mowers **MUST** be equipped with an automatic throttle-closing device. Stock mowers **MAY** be so equipped if desired.
- All mowers must be equipped with a TETHER SWITCH, which will turn off the ignition if the driver leaves the mower. Non-stock mowers shall use the tether, mechanically attached to the mower and the driver. Velcro is **NOT** acceptable. Tether may reach to the back of the seat or and shall not be longer than 30 inches, tip to tip in stretched out length. Pressure switches are not allowed. Kill switch must remain in closed position (engine not running) until driver mounts mower. Additional switches that can by-pass the kill switch are not allowed under any circumstance.

- Mowers must be free of projections, which could injure the driver or a competitor, or damage another mower. No axle or wheel mounting bolts may protrude beyond the face of the tire sidewall.
- Mowers must be safe and complete, all parts and panels in place, without any missing nuts, bolts, cotter keys, etc...
- **All** positively charged terminals must be insulated with a cover or heavy tape, and battery must be well secured.
- No offset or stagger. Body must be mounted in the center of the wheels. Tires must match in size per axle.
- Glass headlights must be taped or removed.
- No animals on the track.

*If after reading these Regulations you need a clarification, you are encouraged to contact one of the Staff members **PRIOR TO RACE DAY**. We want everyone to race, **BUT** we are creating fairness, safety, consistency and enforcement of rules. Competitors must be aware Clarifications are offered in good faith and do not afford specific mowers protection from subsequent protest.*