



OFFICIAL RULEBOOK FOR PINE RIDGE RACEWAY LLC TECHNICAL SPECIFICATIONS FOR PRO AND STOCK UTV RACE CLASSES

1. CLASSES & GENERAL INFORMATION

1.2 DEFINITION: Pro Stock: Stock 1000 cc UTV rules are outlined below. It is the intention that all modifications allowable are outlined below for the Stock and Modified classes, and all other parts/ components that can affect or enhance the performance of the vehicle must remain stock. The Technical Director holds final decision-making power on any stock/ non-stock component deemed legal or illegal to race.

1.3. DEFINITION: Pro Modified: Up to 1000cc UTV Production Chassis & Engine, with modifications as outlined in **Sections 1.2 to 33.1.3**. All Pro Stock rules & regulations outlined by Pine Ridge Raceway LLC apply to Pro Modified unless otherwise noted.

1.4 Advertising on race vehicles must be in good taste.

1.4.1 Pine Ridge Raceway may require the use of specific sponsor decals.

1.4.2 Team Vehicles with the same paint and colors must have prominent distinguishing markings of some kind. Tech Director reserves the right to require additional markings to help distinguish between vehicles.

1.5 NUMBERS

1.5.1 Numbers must be applied side by side. No slanted numbers.

1.5.2 Number plates must be white with solid black block style numbers.

1.5.3 Numbers must be located in the following positions:

1.5.4 Pine Ridge Raceway LLC officials may require a competitor to use a different number to avoid confusion or duplication at an event.

1.5.5 In the event that a number is not visible from the timing and scoring area, the competitor will not be scored. It is the competitor's responsibility to make sure that the number is visible during all race conditions.

1.5.6 Foil or reflective numbers are not permitted.

1.5.7 One number on each side of the vehicle, on a number plate mounted high and close to the back of the roof. Minimum number plate size: 10 inches high by 14 inches long. Minimum number size: 8 inches by 1 1/2 inches.

1.5.8 The back of the vehicle facing the rear, on a number plate: Minimum number plate size: 6 inches high by 8 inches wide. Minimum number size: 5 inches by 1 1/2 inches.

1.5.9 Roof: Minimum number size: 8 inches by 1 1/2 inches.

1.5.10 Upper left-hand corner of windshield area:

1.5.11 Minimum number size 4 inches.

2. ROLL CAGE AND CHASSIS

2.1 All vehicles must utilize the stock chassis and maintain stock appearance. The stock chassis (frame) is defined as the main lower rails running along the inner sides of the UTV and the front and rear tubes that connect them. The chassis may be modified for durability and strength but must retain the stock width, length, and configuration. Any modifications must be pre-approved by Pine Ridge Raceway LLC officials.

2.2 After market roll cage required.

2.2.1 Cages must be constructed with one front vertical hoop, one rear vertical hoop, two inter-connecting top bars, two rear down braces, one diagonal brace, and all necessary gussets. Welded "B pillar" connection points are permissible.

2.2.2 Two top interconnecting bars must be placed as far to the outside of the top part of the front and rear hoops as possible.

2.2.3 Rear down braces and diagonal brace must angle a minimum of 30 degrees

from vertical. At the bottom of the diagonal brace there must be a cross member of the same tubing material and dimensions as the hoop.

2.2.4 There must be a minimum of 3 inches clearance between driver's helmet and roll cage.

2.2.5 Gussets must be installed at all major intersections, including diagonal and rear down braces, where single weld fractures can affect occupant's safety.

2.2.6 Gussets may be constructed of minimum .090 inch x 3 inch x 3 inch flat plate or tubing gussets made of same material and thickness as roll cage.

2.2.7 Roll cage terminal ends must be attached to a frame or body member that will support maximum impact and not shear or allow more than 1 1/2 inches of movement in the cage terminal end.

2.2.8 Minimum tubing diameter and thickness is 1 1/2 inch diameter by .095.

2.2.9 Roll cage material must be DOM or 4130 chromoly.

2.2.10 All tubing, welds, gussets, and roll cage construction must be approved by Pine Ridge Raceway LLC Officials / Tech Inspection prior to EACH event

2.2.11 Entire roof must be covered with sheet metal or .063 inch minimum aluminum.

2.2.12 Top left half of roll cage above driver's head must have one 1 1/2 inch x .095 inch diagonal bracing bar.

2.2.13 It is recommended that stock seat belt mounting plates be reinforced, especially on Pre-2012 vehicles.

3. DOORS

3.1 Door area must be covered with sheet metal or a minimum of .063 inch thick aluminum. Panel must be attached with bolts or dzus buttons.

3.1.1 X or A designs must use a minimum 1 1/2 inch diameter by .095, 4130 chromoly or DOM.

3.1.2 Ladder design must use a minimum 1 1/2 inch diameter by .095 for main rails and 1 1/4 inch by .095 for rungs.

3.1.3 Production 1000: Doors must have 'X', 'A', 'V' or Ladder design bracing designed to provide maximum protection to the driver.

3.1.4 X, A or V designs must use a minimum 1 1/4 inch diameter by .095, 4130 chromoly or DOM.

3.1.5 Ladder design must use a minimum 1 1/4 inch diameter by .095 for main rails and 1 1/4 inch by .095 for rungs.

4. DRIVER COMPARTMENT

4.1 Driver must be able to enter and exit, unassisted and with great ease, the driving compartment with the vehicle in any position. Firewalls and/or bulkheads must separate the driving compartment from any fuels, engine fluids, and acids.

4.1.1 Driver's seat must be in stock location and be bolted in. Seat may be lowered. Race seat is required. Must meet SFI Requirements. If no passenger seat is used, gas tank area must be completely covered with aluminum firewall.

4.1.2 A 5-point motorsports specific harness is mandatory. It must be in spec with the manufacturer's date tag.

4.1.3 Driver side window net is mandatory.

4.1.4 Reinforced floor pan is recommended.

5. FENDERS

5.1 Fenders must be securely attached to vehicle. The removal of fenders during competition during any reason other than damage incurred during the race will result in disqualification.

5.1.1 Fenders must be attached in such a fashion as not to create a pointed or sharp extrusion when removed. A loop body mounting bracket construction is mandatory.

5.1.2 Additions to the body of the race vehicle, such as fins, scoops, wings, and

other extruding additions will not be permitted.

5.1.3 Vehicles must maintain an appearance similar to the stock UTV.

5.1.4 All body panels must be stock or aftermarket stock replacement.

6. BUMPERS

6.1 Vehicles must have front and rear bumpers. Pine Ridge Raceway LLC officials must approve all bumpers.

6.1.1 No hazardous bumpers, nerf bars, frame heads or other protruding objects from vehicles are permitted.

6.1.2 Rear bumper must be secured to frame using a minimum 1 1/2 inch diameter .095 chromoly.

6.1.3 Bumpers must be designed in such a way as to inhibit two vehicles from becoming locked together.

6.1.4 Ends must be capped and rounded with no sharp edges.

6.1.5 Production 1000: Side nerf bars are mandatory. Bumpers are optional at this time.

7. SKIDPLATES AND FLOORBOARDS

7.1 Skid plates designed to reasonably protect the front suspension, steering, and brake components are recommended on all vehicles. Plates must be made of metal and be securely attached.

7.1.1 Stock UTV floorboards are acceptable but extra protection made of metal or aluminum is highly recommended.

8. SUSPENSIONS

8.1 All A-arm mounting points must remain in the stock location and position as delivered from the manufacturer, however they may be reinforced for strength.

8.1.1. Pro Stock: Must maintain Factory "Stock" Track Width

8.1.2 Pro Stock: Must maintain Factory "Stock" Wheel Base

9. STEERING

9.1 All steering components must be in good condition and proper working order.

Drag link and tie rod ends must be secured with a cotter pin in each one.

9.1.1 Power steering is permitted.

9.1.2 Steering “quickeners” are permitted in the Pro Stock class.

9.1.3 Pine Ridge Raceway LLC officials must consider steering reasonably safe before vehicle is permitted to compete.

10. SHOCKS

10.1 There must be at least one and only one shock absorber per wheel in working condition at the start of the race.

10.1.2 Shock absorber mounting points may be moved.

10.1.3 Pro Stock: Upper shock mounts must remain in stock location. No bolt on extensions. No bypass shocks.

10.1.4 BUMP STOPS - Suspension bump stops must be of the solid type.

10.1.5 TORSION SYSTEM - The only torsion system that is acceptable is a coil-over shock.

10.1.6 WHEEL SPACERS - Wheel spacers are permitted.

11. BRAKES

11.1 Brakes must be in safe working condition and be able to apply adequate force to lock up all four tires.

11.1.1 Brakes must remain in safe working condition during entire event.

11.1.2 Turning or cutting brakes are not permitted.

12. ENGINE

12.1 All vehicles must use stock engine cases and cylinder head. Pine Ridge Raceway LLC reserves the right to mark engine blocks prior to event.

12.1.1 All vehicles must use same fuel delivery system as stock and designed by factory.

12.1.2 Pro Stock: engine displacement not to exceed 1000 cc.

12.1.3 Pro Stock: Engines must remain completely stock. No internal modifications. Stock throttle body must be used.

12.1.4 SUPERCHARGERS & TURBOCHARGERS: Superchargers or turbochargers are not permitted in Pro Stock class.

13. AUXILLARY EQUIPMENT

13.1 All vehicles must start race with a functional generator or alternator, fan, water pump (water- cooled vehicles), and a complete functional electrical system.

14. IGNITION

14.1 All vehicles must have a positive action on/off switch in good working order.

14.1.1 Aftermarket CDI boxes/ECUs are permitted with Pine Ridge Raceway LLC approval.

14.1.2 Pro Stock: Stock ignition switch is allowed.

15. BATTERIES

15.1 Batteries must be securely mounted with metal-to-metal tie downs.

15.1.1 Wetted fiber or gel cell batteries only. Liquid lead acid batteries are not permitted.

15.1.2 Batteries may be located in the driver's compartment with an adequate firewall or factory engine cover.

16. COOLING

16.1 Oil coolers, transmission coolers, and radiators located ahead of the driver or in the passenger compartment must have a shroud that will prevent liquids from blowing back or leaking onto the driver in the event of a rupture or leakage.

16.1.1 All hoses running through the driver compartment must be shielded. Steel braided hose does not constitute a shield.

17. EXHAUST

17.1 Pro Stock: Aftermarket exhaust is allowed.

17.1.2 In all classes, exhaust systems must be a minimum of six inches away from fuel lines and twelve inches away from fuel filler. Muffler must meet a maximum decibel of 100 as measured 50 feet from track side.

18. STARTER

18.1 All vehicles must be self-starting by use of an onboard electric starter.

19. ENGINE REPLACEMENT

19.1 Engines may be replaced during a Pine Ridge Raceway event, only if competitor has notified **Pine Ridge Raceway LLC** officials.

19.1.2 Engine change will result in a starting position change.

20. FUEL CELLS

20.1 All fuel cell fillers and vents must have check valves installed.

20.1.2 Fuel filler lines and positive-locking non-vented fuel filler caps must be located and secured in such a manner as to prevent them from being knocked off or opened during movement, rollover, or impact.

20.1.3 A splash shield must be in place to direct any spill away from the driver, motor, and motor exhaust. A body panel is considered a sufficient splash shield.

20.1.4 Fuel cell cannot be vented into the driver's compartment of any vehicle.

21. TRANSMISSION

21.1 Every vehicle must use the stock transmission and clutch design.

21.1.1 The stock rear differential must also be used.

21.1.2 All vehicles must have a functional reverse gear.

22. CLUTCH

22.1 Pro Stock: Must use stock clutch design as delivered from manufacturer.

22.1.1 No billet clutches. Clutches may not be modified in any way.

22.1.2 After market springs, weights and helix are allowed.

23. WHEELS AND TIRES

23.1 Maximum tire size is 30 inches outside diameter.

23.1.1 No more than 1 tire per corner is permitted.

23.1.2 Tires will be visually checked and must be considered reasonably safe by Pine Ridge Raceway LLC prior to competing.

24. FASTENERS

24.1 All components on the vehicle's suspension system, chassis, and running gear must be secured with S.A.E. Grade 8 or better nuts and bolts.

24.1.1 Bolts must be secured with either lock nuts, lock washers, cotter pins, or safety wire and have at least one full thread showing through the nut.

25. HOSES

25.1 All fuel and brake line hoses including metal lines and fittings must be clamped and/or safety wired.

26. MIRRORS

26.1 Rear view mirror with at least 6 square inches of mirror surface and a reasonably unobstructed view of area behind vehicle is recommended on all vehicles.

27. TRANSPONDERS/TIMING

27.1 All teams are required to purchase remote timing RFID transponder stickers provided at registration at Pine Ridge Raceway LLC prior to entering the event.

27.1.1 All teams are required to affix the RFID transponder stickers to the top of the roll cage bar to ensure correct timing and scoring.

28 . TECHNICAL SPECIFICATIONS FOR PRO MODIFIED UTV

RESTATED DEFINITION (from general rules above): Pro Modified: Up to 1000cc UTV Production Chassis & Engine, with modifications as outlined in Sections 1 - 27. All Pro Stock rules & regulations outlined in Sections 1-27 apply to Pro Modified unless otherwise noted.

29. PRO MODIFIED SHOCKS

29.1 There must be at least one and only one shock absorber per wheel in working condition at the start of the race.

29.1.1 Shock absorber mounting points may be moved.

29.1.2 Upper shock mount locations may be modified. No bolt on extensions.

29.1.3 BUMP STOPS - Suspension bump stops must be of the solid type.

29.1.4 TORSION SYSTEM - The only torsion system that is acceptable is a coil-over shock.

29.1.5 On-board adjustments are permitted in Pro Modified Class.

30. ENGINE

30.1 All vehicles must use stock engine cases and cylinder head. Pine Ridge Raceway LLC reserves the right to mark engine blocks prior to event.

30.1.1 All vehicles must use same fuel delivery system as stock and designed by factory.

30.1.2 SUPERCHARGERS & TURBOCHARGERS: Factory Installed Superchargers or turbochargers are permitted in Pro Modified class. Dealership installations are not considered factory installations.

31. TRANSMISSION

31.1 Every vehicle must use the stock transmission and clutch design.

31.1.1 Stock Ratios must be used.

31.1.2 The stock rear differential must also be used.

31.1.3 All vehicles must have a functional reverse gear.

31.1.4 Aftermarket axles and CV joints are allowed.

32. CLUTCH

29.4.1 Billet clutches are allowed and may be modified in any way.

29.4.2 After market springs, weights and helix are allowed.

33. SUSPENSIONS

33.1 All A-arm mounting points must remain in the stock location and position as delivered from the manufacturer, however they may be reinforced for strength.

33.1.1 Pro Modified: maximum width 72"

33.1.2 Pro Modified: minimum wheel base = Stock; maximum wheelbase = Stock + 8”

33.1.3 Any “long travel” suspension kits must be commercially available no later than 60 days before an event and in sufficient quantities to supply 75% of the event entries.

34. Sportsman & Women’s Class General Rules / Regulations (STOCK CLASS)

34.1 All vehicles must pass technical inspection prior to going to starting line.

34.1.1 All factory suspension a-arm, trailing arm pivot points must remain in stock location.

34.1.2 Absolutely NO TURBOCHARGERS will be permitted in the “STOCK” classes. Sportsman, and Women’s class will be strictly enforced under the “STOCK” requirements and are considered an entry level form of competition. See 12.1 .4 in the Rule Book.

34.1.3 A working 2.5lb ABC Dry Chemical Fire Extinguisher is required in all vehicles. All Extinguishers should be securely fastened in the vehicle and easily accessible to the driver.

34.1.4 Race numbers will be a minimum of eight (8) inches tall with the specific color designation for the class. Number shall be readable from sides and back of each car. Extra-large roof top panel numbers are beneficial.

34.1.5 Aftermarket well-built roll cages made for racing are recommended. Factory cages will be modified/ reinforced and tied into rear bumper/frame at two points. Factory cages will also require one additional reinforcement to be made at the center of the front of the cage directly to the frame. Gusseting of the factory cage is MANDATORY and not optional. **Roll Cages must be constructed using DOM or 4130 chromoly materials. If using the stock cages, please refer to 2.2.5 through 2.2.12 in the Rule Book. All gussets and down tubes, see 2.2.3 & 2.2.5, must be added to the stock cages to meet competition requirements.**

34.1.6 Metal roof panels are required, and “X” style bracing is required to be welded at the roof from corner to corner to ensure driver safety. No exceptions will be made.

34.1.7 Lockable side protection doors must be mounted in a way as to not be able to pop open during racing. SAFETY PINNED or DOUBLE LATCHED. Factory doors with secondary locking mechanism are approved.

34.1.8 All vehicles used in competition must have Window Netting. The Window Nets must be securely fastened to the UTV.

34.1.9 NO PASSENGERS ALLOWED DURING COMPETITION.

34.1.10 3” wide five point restraint system is required. The 5 point system must include an antisubmarine belt that is at least 2” wide.

34.1.11 Full personal safety gear must be worn to include the following:

Fire retardant suits must be worn that cover from neck to ankles. Helmets, gloves, goggles, racing shoes or boots. Motorcycle type race gear will NOT be allowed as it is extremely flammable.

35. GENERAL RULES & REGULATIONS

35.1 All drivers shall wear a suit that is fire retardant. Motocross gear is highly flammable and is not an acceptable driver suit. A driver flame suit is highly recommended in Sportsman & Women's class, and is MANDATORY in the "PRO" classes.

35.1.1 All drivers are required to wear some form of neck protection. When racing in any of the "PRO" classes, a HANS device will be MANDATORY and not an optional form of driver safety equipment. In the future this will be required in ALL classes.

35.1.2 All drivers **MUST BE AT LEAST 14 YEARS OF AGE.** All drivers competing at 14,15,16 & 17 years of age will be required to have BOTH parents or guardians sign a release form prior to competing or practicing on Pine Ridge Raceway LLC grounds.

35.1.3 All drivers are required to wear a DOT / Snell approved helmet. Full face helmet protection is highly recommended for driver protection from flying debris.

35.1.4 All drivers MUST pass Tech Inspection prior to racing. The vehicle and driver must meet or exceed the requirements of the class(es) he or she will be competing in. The vehicle and driver will be required to go through Tech before competing at each event. All vehicles / drivers that do not comply, will not be allowed to compete in the event. All Tech inspections will be performed by a competent Pine Ridge Raceway LLC representative.

35.1.5 All drivers shall not consume ANY alcoholic beverages of any kind during the course of the race day, until competition for the day is complete. Absolutely no exceptions. Any drivers in violation of this rule will be ejected from the grounds and possibly suspended from competition at any Pine Ridge Raceway LLC events until notified otherwise.

35.1.5 All drivers are responsible for their equipment, crew, and grounds. All drivers will be held to strict guidelines to respect the other drivers, and property of others, including the grounds / property of Pine Ridge Raceway LLC

PINE RIDGE RACEWAY LLC RESERVES THE RIGHT TO MODIFY ANY AND ALL RULES / REGULATIONS AT ANY TIME. PINE RIDGE RACEWAY LLC RESERVES THE RIGHT TO DENY ENTRY TO ANY PERSONS NOT FOLLOWING THE OUTLINED GUIDELINES IN THIS RULE & EQUIPMENT MANUAL AT ANY TIME.