

# Youth Production STOCK

(Beginner/First Time level Driver)

This class is for ages 6- to 12 year-old Beginner Level competitors only

SXS Polaris RZR 170cc, Polaris RZR 200 (180cc), ACE 150.

## 4-Stroke Single Cylinder, 169cc/180cc, Hisun Strike 250

This class intended for beginners, with only safety items required.

1. OEM or a Stock Part means as delivered from the factory no modifications allowed
2. Intake: Must remain stock, no modifications allowed. Stock air intake system required including airbox with stock type air filter. Aftermarket stock type air filter element allowed.
3. OEM fuel delivery system ( fuel pump, fuel tank, fuel injector)
4. Final Drive gearing, specifically the front or rear sprocket, may be changed.
5. Turbochargers and Turbo upgrades are Not permitted. Nitrous systems are not allowed
6. All vehicles must use stock engine cases, cylinder, cylinder head and Piston. Engine must remain in Stock Location  
Clutching: clutching changes or components is allowed
7. Aftermarket Exhaust systems are NOT allowed. Stock ECU required. No aftermarket ECU's allowed. No piggyback fuel tuners allowed or Flashing of ECU's
8. Safety nets and 5-point harnesses are required. Driver window net or wrist restraints are required.
9. Aftermarket roll cage are mandatory 1.25" x .083" wall min. main tubes
10. Top of roll cage above driver's head must have either an 'X' or a front to back center Bar with a single diagonal above the driver's head
11. Aftermarket wheels & tires are allowed.
12. Suspension: All A-arm mounting points must remain in the stock location and position as delivered from the manufacturer. Suspension modification is allowed to OEM shocks, including internal parts, and/or complete aftermarket shocks, that directly bolt to the OEM mounting locations. No other suspension changes allowed, including A -arms, axles, and swing arm, must remain stock. No long travel kits. Stock swingarm may be reinforced with gussets. "wheel hubs" must remain stock
13. Brakes must be stock and functional as delivered from the manufacturer, e.g., Polaris 170 (2) front Calipers and (1) rear caliper.
14. Seat Position must remain in the Stock location except for driver fitment and safety
15. Aftermarket seat is allowed for driver fitment.

16. Manufacturer plastics must not be removed, with the exception of the rear bed cover. Any other Weight removal is NOT allowed
17. Weight Rule: POLARIS 170's 600lbs, Polaris 200 650lbs, HiSun 250's 700lbs. All weights are with Driver and safety equipment
18. Top 3 finishers must submit to Tech Inspection at each round. If a vehicle leaves the track/inspection area without being cleared by an MAO Racing official a penalty will be imposed.
19. Weight may be adjusted at the discretion of officials throughout the season in the interest of Competition



# Youth Production LIMITED

(6y/o – 8y/o) ( 9y/o – 12y/o) (Novice – Expert level Driver)

This class is for ages 6 to 8 year-old and 9 to 12 year-old Novice to Expert Level competitors only.

SXS Polaris RZR 170cc, Polaris RZR 200 (180cc), ACE 150.

4-Stroke Single Cylinder, 169cc/180cc, Hisun Strike 250

See minimum age requirements section for further clarification.

1. OEM or a Stock Part means as delivered from the factory no modifications allowed  
Engine displacement must be OEM bore and stroke.  
Any modification to the OEM engine configuration Boring, re-plating, Blueprinting or cryo treating, etc. IS NOT ALLOWED, unless otherwise noted. Please see Specs on final page for clarification regarding 170cc-180cc upgrade.
2. Intake, throttle body/Carburetor must remain stock, No boring or polishing of intake allowed. Intake filters may be changed. Aftermarket stock type air filter element allowed.
3. Transmission: All vehicles must use the OEM transmission and internals, Transmission casing may be reinforced, including Transmission Pinion bracing. Aftermarket center cap is Allowed.
4. Weight removal is allowed.
5. If rear bed plastic is removed, the vertical portion of the bed plastic that extends up from the lower firewall must be maintained or must be replaced.
6. Rear firewall is mandatory.
7. Exhaust system, gearing, clutching can be changed or added.
8. No aftermarket ECU's except for Aracer Super X, Piggyback fuel tuners are allowed. ECU tuning is Allowed.
9. Seat harnesses 5pt are mandatory.
10. Window nets or arm/wrist restraints are mandatory. If the driver's seat is on the left side, only the driver's side window net is required. If the vehicle is a center seat (RS1 style) then both sides must have window nets.
11. Suspension upgrades are allowed, up to and including upgrading prior 2021 170 models to a dual a-arm front suspension.
12. Aftermarket shocks that directly bolt to the OEM mounting locations are allowed
13. Turbochargers and turbo upgrades are not allowed.
14. Nitrous systems are not allowed.
15. Aftermarket roll cage are mandatory 1.25" x .083" wall min. main tubes
16. Top of roll cage above driver's head must have either an 'X' or a front to back center
17. Bar with a single diagonal above the driver's head

18. Top 3 finishers must submit to Tech Inspection at each round. If a vehicle leaves the track/inspection area without being cleared by an USAC Racing official a penalty will be imposed.
19. Number plate colors: Polaris 170 Black numbers/White Background, Polaris 180/200 Black Numbers/Blue Backgrounds, Hisun 250 Black Numbers/Green Background
20. Weight Rule: POLARIS 170's 600lbs, Polaris 180/200 650lbs, HiSun 250's: 700lbs. All weights are with Driver and safety equipment.
21. Weight may be adjusted at the discretion of officials throughout the season in the interest of competition.



# Youth 250 MODIFIED

(Novice – Expert level Driver)

This class is for 6 to 12-year-old Novice to Expert Level competitors only,

. SXS Polaris RZR 170cc, Polaris RZR 200 (180cc), ACE 150.

4-Stroke Single Cylinder, 169cc/180cc, Hisun Strike 250

1. OEM or a Stock Part means as delivered from the factory no modifications allowed
2. Engine, suspension, and weight removal modifications are all permitted. Polaris base engine
3. must remain 57mm head bolt spacing
4. Motor may be modified. This includes head, valves, cam, piston, crank, and throttlebody/carburetor.
5. Intake: Modifications are permitted.
6. Exhaust, EFI controller, jetting, intake/air filters, and gearing are allowed.
7. Clutch springs, helix, weights are allowed.
8. Transmission: OEM or Aftermarket transmission modifications are allowed.
9. Aftermarket roll cage are mandatory 1.25" x .083" wall min. main tubes .
10. Window nets or arm/wrist restraints are mandatory. If the driver's seat is on the left side, only
11. The driver's side window net is required. If the vehicle is a center seat (RS1 style) then both sides must have window nets.
12. Transmission increased durability parts allowed.
13. Turbochargers and turbo upgrades are not permitted. Nitrous systems are not allowed.
14. Top 3 finishers must submit to Tech Inspection at each round. If a vehicle leaves the
15. Track/inspection area without being cleared by an MAO Racing official a penalty will be imposed.
16. Weight Rule: minimum of: 500lbs with driver and all safety equipment.
17. Weight may be adjusted at the discretion of officials throughout the season in the interest of Competition