

# 2023 NHRA SUMMIT RACING SERIES FINALS NORTHWEST DIVISION BRACKET GUIDELINES

**ATTENTION SUPER PRO & PRO: AN OIL-RETENTION DEVICE WILL BE MANDATORY ON ALL VEHICLES RUNNING 9.99 & QUICKER OR EXCEEDING 135 MPH AT THIS EVENT- MOTORCYCLES & SNOWMOBILES EXCLUDED. SEE "OIL-RETENTION DEVICE" IN SECTION 4B PAGE 10 OF THE 2022 NHRA RULEBOOK FOR DEVICE CRITERIA.**

## **SUPER PRO ET (1/8 mile 4.00 – 7.49\*)**

1. Computer: Prohibited unless stock OEM equipment or OEM replacement. See general regulations 9:1.
2. Data Recorder: Permitted. One data recorder only. See general regulations 9:2 & 9:10.
3. Delay Box: Permitted. One box/device only. All direct wiring must be clearly identifiable to the tech inspector. See class and General Regulations Section 8.2.
4. Transbrake: Permitted.
5. Line lock: Four-wheel line lock permitted.
6. Automated Shifter: Permitted.
7. Throttle Control: Permitted per NHRA rulebook. Pneumatic starting line enhancers permitted.
8. Ignition: Stutter boxes prohibited. Three-steps, Two-steps, or single stage rev limiters permitted. Any rpm limiting device legal unto themselves but altered or installed so as to function as a down-track rpm controller, prohibited. See General Regulations 8:3.
9. Switches & Buttons: All switches and/or buttons must be standard mechanical connection type. Infrared lasers, retinal scan, fingerprint, light source or any other non-mechanical type switch and/or button prohibited.

## **PRO ET (1/4 mile 9.00 – 13.99\*)**

1. Computer: Prohibited unless stock OEM equipment or OEM replacement. See general regulations 9:1.
2. Data Recorder: Permitted. One data recorder only. See general regulations 9:2 & 9:10.
3. Delay Box: Prohibited.
4. Transbrake: Permitted. Transbrake switch must be NHRA-accepted; contact Division Tech Director for accepted list.
5. Line lock: Four-wheel line lock permitted. Line lock switch must be NHRA-accepted.
6. Automated Shifter: Timed or RPM type permitted. All settings must be pre-set prior to run. See General Regulations 8:2.
7. Throttle Control: Throttle must be manually operated by the driver's foot. Electronics, pneumatics, hydraulics may in no way affect the throttle operation. Mechanical start line controller permitted; see Section 4A, Electrical 8, page 7. A dead-stop under the carburetor or gas pedal is permitted. Throttle timers, counters prohibited.
8. Ignition: Stutter boxes prohibited. Starting line and/or 'high side' rev limiters permitted (i.e. two-step). Three-steps prohibited. Two-steps, rev limiters or any other rpm limiting devices, legal unto themselves but altered or installed so as to function as a down-track rpm controller, prohibited. See General Regulations 8:3.
9. Switches & Buttons: All switches and/or buttons must be standard mechanical connection type. Infrared lasers, retinal scan, fingerprint, and light source or any other non-mechanical type switch and/or button prohibited.
10. Tow vehicles: Prohibited.
11. Full-bodied vehicles may not cross the starting line on any burnout.

## **SPORTSMAN ET (1/4 mile 12.00 & Slower)**

1. Computer: Prohibited unless stock OEM equipment or OEM replacement. See general regulations 9:1.
2. Data Recorders: Prohibited. See general regulations 9:2 & 9:10.
3. Delay Boxes: Prohibited.
4. Transbrake: Prohibited.
5. Line lock: Four-wheel line lock prohibited. Two-wheel line lock permitted on non-drive wheels only. Line lock switch must be NHRA-accepted.
6. Automated Shifter: Prohibited unless OEM equipped. Electronic or pneumatic shifter permitted; must be manually activated by driver.
7. Throttle Control: Throttle must be manually operated by the driver's foot. Electronics, pneumatics, hydraulics may in no way affect the throttle operation. Mechanical start line controller permitted; see Section 4A, Electrical 8, page 7. A dead-stop under the carburetor or gas pedal is permitted. Throttle timers, counters prohibited.
8. Ignition: Stutter boxes prohibited. Single stage 'high side only' rev limiters permitted. Starting line rev limiters prohibited. Rev limiters or any other rpm limiting devices, legal unto themselves but altered or installed so as to function as a down-track rpm controller prohibited. Crank trigger system prohibited, unless OEM distributorless ignition. Ignition systems equipped with built-in two step rev limiters must have the 'low side' (start line) function disabled. See General Regulations 8:3.
9. Switches & Buttons: All switches and/or buttons must be standard mechanical connection type. Infrared lasers, retinal scan, fingerprint, and light source or any other non-mechanical type switch and/or button prohibited.
10. Tow vehicles: Prohibited.
11. Sportsman E.T. vehicles may not cross the starting line on any burnout.

## **BIKE/SLED ET (1/4 mile 7.00 - 14.99\*)**

Same electronic rules as **Super Pro** cars.

## **EV**

SEE NHRA RULEBOOK

## **HIGH SCHOOL ET (1/4 mile 11.00 and slower)**

Same rules as Pro or Sportsman; limited to no quicker than 11.00 E.T. (1/4 mile).

## **JR LIGHTNING (13 years & older)**

## **JUNIOR STREET**

SEE NHRA RULEBOOK

## **JR THUNDER (6 years – 12 years old)**

**NO PASSENGERS ALLOWED IN ANY VEHICLE**

**Refer to the 2023 NHRA Rulebook/s and NHRA Rule Amendments for all applicable safety requirements in each ET Bracket.**

**\*Sea Level**

*Revised April 2022*