



An I R G Company



April 21-22, 2017

FRI:8AM-11PM SAT:8AM-10PM

EVENT INFORMATION

[Pre-Register for a \\$5 discount on select tickets: HERE](#)

Spectator Pricing	Fri	Sat
Adult	\$15	\$20
Junior (13-15)	\$10	\$10
Children 6-12 yrs	\$5	\$5
Children 5 & Under	FREE	FREE

Participant Pricing

Friday

All makes and models invited

Test & Tune - Slicks & SCS Racers \$25

Saturday

Racing for Chevy/GM powered vehicles ONLY

Racer Entry Fees

Bracket 1 - (BB \$30) \$65

Bracket 2 – (BB \$25) \$55

Jr. Dragster Entry – (BB \$15) \$35

Chevy Street Car Challenge (Trophy Class) \$25

Car Show Fees (Car / Driver)

1-Day Car Show (Saturday- preregistration) \$20

1-Day Car Show (registered day of) \$30

Additional Participants

2-Day Swap Meet/Car Corral (used items only) Space & 1 Admission \$40

2-Day Restricted Area Crew Pass \$40

1-Day Restricted Area Crew Pass (Sold only on Saturday) \$20

Extra Pit Vehicle Parking Pass (Sold only with a Crew Pass) \$30

Event Schedule

Friday, April 21, 2017

8:00 am	Participant / Vendor / Spectator Gate Opens
8:00 am – 5:00 pm	Racer Parking / Vendor & Swap Meet Load In
3:00 pm – 7:00 pm	Tech
6:00 pm – 11:00 pm only)	PBIR Test & Tune – All Makes/Models (Slicks, Drag Radials & SCS Racers
11:00 pm	Track Secure

Saturday, April 22, 2017

8:00 am	Racer / Vendor / Spectator Gate Opens
9:00 am – 11:00 am	Car & Truck Show Registration / Tech Open
10:00 am	Bracket Time Trials
11:00 am	Car & Truck Show Judging Begins
1:00 pm	Opening Ceremonies
1:30 pm	Chevy Street Car Challenge
2:00 pm	ET Eliminations
3:30 pm	1 st PRO Show (Jets & Wheelstander)
4:00 pm	ET Eliminations continue
4:00 pm	Car / Truck Show Awards
6:00 pm	Chevy Street Car Challenge
7:00 pm	2 nd PRO Show (Jets & Wheelstander)
8:00 pm	ET Finals

Schedule subject to Change

Competition Classes

Saturday Race Classes are for Chevy/GM powered vehicles ONLY

Bracket 1 (Box, Electronics, Super Pro, Super Eliminator)

Complete Race Saturday

Payout:

\$2,500 to Win

\$1,500 to Runner-Up

\$500 to Semi-Finalists

\$200 to Quarter-Finalists

\$65 Entry Fee (Car & Driver)

Schedule Permitting – 1st or 2nd round Buybacks will be available - \$30

ET Break – 1000ft (0-9.00) Delay Boxes, Trans Brakes, Two Steps, and Playback Tachometers are permitted. Air throttles used as launch control devices are permitted. Factory (OEM) installed computers are permitted, but lap top computers are not allowed while in competition. 500 Full Tree

Cross Talk will be used in the BOX class.

Bracket 2 (No Box, No Electronics, Pro, Top Eliminator)

Complete Race Saturday

Payout:

\$1,500 to Win

\$600 to Runner-Up

\$200 to Semi-Finalists

\$100 to Quarter-Finalists

\$55 Entry Fee (Car & Driver)

Schedule Permitting – 1st or 2nd round Buybacks will be available - \$25

ET Break – 1000ft (All Run)

No Electronics. The use of Delay Boxes is prohibited. **Electric and or pneumatic shifters are allowed.** Single stage line locks, two steps and trans brakes are permitted. This class will remain be a true no box category .500 Full Tree

Junior Dragster Class

\$500 to Win
\$250 to Runner-Up
\$125 to Semi-Finalists

\$35 Entry Fee

Schedule Permitting – 1st or 2nd round Buybacks will be available - \$15

1/8 mile (All Run) IHRA Age ET breaks Enforced

Chevy Street Car Challenge

Winner	Trophy
Runner-Up	Trophy

Entry: \$25

1000ft Bracket race street legal cars only

Quick 16 Door Car/Quick 16 Dragster

Complete Race Saturday

Payout:

\$1,100 to Win
\$400 to Runner Up
\$150 to Semi

\$125 Entry Fee (Car & Driver)

No BuyBacks

ET Break- 1000ft (All Run)

Quick 16 Door Car Rules

This class will be a 32 car qualified field at Summit Sportsman National Championship events. IHRA Chassis Certification mandatory on all entries. T/S will run on a Dial-In ET system. Maximum dial-in is 7.80 1/4 mile or 5.20 1/8 mile. Tow vehicles permitted (no cars or trucks)

WEIGHT MINIMUMS: Big-block entries 2,200 lbs. or 2,400 lbs. with nitrous oxide. Super-charged 2,600 lbs. for big-block, super charged small-block 2,150 lbs. smallblock 1,900 lbs. or 2,000 lbs. with nitrous oxide

BODY

BODY: Must be full bodied vehicle (trucks,vans, wagons permitted) with 2 functional doors. Front overhang limited to 45" from center of front spindle unless stock OEM is longer.

FIREWALL: Required. Steel .024 or aluminum .032. Supercharged/turbocharged must have steel firewall.

FLOOR: Minimum .024" steel welded in on driver's side from firewall to rear cross member.

HOOD SCOOP: Maximum height of 15" to the top of the opening from the hood surface. WINDSHIELD &

WINDOWS: Required, no window tint beyond factory spec permitted. 1/8 inch thick plexiglass, lexan or other shatterproof material permitted. The side windows on all entries that utilize nitrous oxide or are supercharged must have a minimum 4" diameter opening adjacent to the driver. See General Regulations.

CHASSIS

BALLAST: See General Regulations of IHRA Rulebook.

BATTERY: Must be securely fastened with a hold down as per ballast attachment bracket. Must have external master shut off labeled "push-off". See General Regulations. **BRAKES:** Four wheel brakes mandatory with dual chamber master cylinder mounted above frame rails on all entries. Steel brake lines mandatory.

CHASSIS: All cars must use a full frame meeting SFI 25.1 or 25.2 spec. for 7.49 or Quicker 7.50 & slower use SFI 25.4 or 25.5 spec. See SFI Specifications.

FUEL SYSTEM: No part of the fuel system may be mounted on firewall. Aftermarket fuel cell recommended. If mounted in rear, it must be vented to the outside of the body and equipped with a flash shield to isolate system from driver compartment. All front mounted fuel systems must be mounted between frame rails and enclosed in a round tube frame, minimum 1.250 x .058 cm or .118 ms tubing.

GROUND CLEARANCE: Minimum 3" required from the front of the car to 12" behind front axle centerline. 2 inches on remainder of the car.

WHEELBASE: Minimum 90". 1" variation from left to right.

ENGINE CARBURETION/INDUCTION: Manual or electronic injectors acceptable on any entry. Any number of carburetors may be used. See General Regulations.

COOLING SYSTEM: Required with water pump and radiator on all non-supercharged or injected cars. Radiator must remain in front location.

ENGINE: Any internal combustion engine allowed with any modification. Only one engine may be used. No cubic inch limit. Positive locking crank case breathers (valve cover) mandatory.

EXHAUST SYSTEM: Competition type exhaust systems permitted. Exhaust gases must be directed out of the car body, rearward, away from driver and fuel tank. If zoomies are used, must be turned upward minimum 3 degrees.

FUEL: Must utilize an IHRA approved fuel. See General Regulations.

HARMONIC BALANCER: SFI 18-1 mandatory.

LIQUID OVERFLOW: Mandatory, 1 pint minimum capacity.

NITROUS OXIDE: Permitted on non-supercharged and non-turbo charged entries only. See General Regulations.

OIL LINES: All oil pressure lines must pass a minimum pressure test and be clearly labeled as passing the testing process.

STARTER: All entries must be self starting with an on board starter and battery.

SUPERCHARGER: 14.2 restraint with bag mandatory on all 12 and 14-71 applications. Maximum rotor length on 12-71 or 14-71 blower is 19". 14.1 restraint mandatory on all other supercharged applications. Nitrous oxide prohibited on supercharged or turbo charged entries. Screw superchargers prohibited. A

belt guard shielding both fuel and oil lines is mandatory.

TURBOCHARGER: The use of single or dual turboschargers is permitted. This combination will utilize supercharged weight minimums.

DRIVELINE

DRIVELINE: Two full 360° drive shaft loops required.

CLUTCH/FLYWHEEL: SFI 1.1, 1.2 or 1.5 mandatory. Specific combination determines appropriate specification.

FLEXPLATE: SFI 29.1 mandatory.

FLEXPLATE SHIELD: SFI 30.1 mandatory.

FLYWHEEL SHIELD: SFI 6.1 or 6.3 within current expiration date from manufacturer. See appropriate SFI spec for motorplate requirements.

REAR END: Aftermarket axles required with axle retention device. Welded spider gears prohibited. Stud bolts must be 5/8" minimum.

TRANSMISSION: Any transmission may be used, however, vehicle must employ positive system to disengage engine from final drive. Automatic transmission must have neutral safety start switch and reverse lockout. Standard transmission must have neutral. All entries with pressurized transmissions must have interior sheet metal or carbon fiber tunnel isolating drivers compartment from unit or the driver must use a minimum of a 3.2A-15 drivers suit. All pressurized units must utilize steel lines and AN fittings to connect with accessory coolers. A minimum 1/8" pipe connection using high pressure line from vent to overflow tank (1 pint capacity minimum) is mandatory.

TRANSMISSION SHIELD: Mandatory on all entries, meeting SFI 4.1. All transmission blankets must be of one piece design.

WHEELS/TIRES: Must be automotive type designed for racing. SFI 15.1 rear wheels mandatory.

SAFETY EQUIPMENT

DRIVER RESTRAINT SYSTEM: SFI Spec. 16.1 or 16.5 mandatory within 2 year expiration from date of manufacture.

ENGINE CONTAINMENT SYSTEM (diaper): Engine must be equipped with IHRA accepted engine containment system. All systems must cover the oil pump and related components. **FIRE EXTINGUISHER SYSTEM:** Five pounds fire extinguisher system mandatory. Minimum 1 nozzle on driver's side in front of feet, 1 nozzle in front of engine. Safety pins must be red flagged.

HELMET: SN, SA or M-2005, or newer or SFI 31.2 or 41.2 full face helmet mandatory on all entries

HEAD AND NECK RESTRAINT: SFI 38.1 mandatory, if entry goes 200 mph or faster.

MASTER CUTOFF: Master electrical cutoff switch required. Marked "push-off".

PARACHUTE: Required. Should be used on any run over 150 mph. Cars running in excess of 200 mph. must use dual parachutes with two separate shroud line mounting points using sleeved 1/2" bolts. Safety pins must be red-flagged.

PROTECTIVE CLOTHING: A driver suit meeting SFI 3.2A/15, gloves and shoes meeting 3.3/15 and a SFI 3.3 neck collar mandatory for Supercharged entries and on Nitrous Oxide entries running 6.75 or quicker 1/4 mile or 4.50 or quicker 1/8 mile. A drivers suit meeting SFI 3.2A/5, gloves meeting 3.3/5, and shoes meeting SFI 3.3 and a neck collar meeting SFI 3.3 mandatory for all other entries.

ROLL CAGE PADDING: Mandatory, meeting SFI 45.1.

UPHOLSTERY: Optional.

WINDOW NET: SFI 27-1, Required.

ELECTRICAL: Starting line two step accepted. Down track throttle stops, electronic ignition interrupters or use of pneumatics is prohibited. See General Regulations: Data Recorders/Electronic Devices for additional information.

MISCELLANEOUS

DELAY BOX: Accepted. See General Regulations for specific information.

IGNITION: Aftermarket electronic ignition boxes may not be modified from factory specifications.

TAILLIGHT: One 2" working tail light required.

THROTTLE: See General Regulations.

THROTTLE STOP: Prohibited. Throttle stops are defined as being mechanical, electronic or pneumatic.

Quick 16 Dragster Rules

This class is for dragster and open altered type vehicles only, as long as they meet all safety requirements. IHRA Chassis Certification mandatory on all entries. This class will be a 32 car qualified field at Summit Sportsman National Championship events. Maximum dial-in is 7.60 1/4 mile, and 4.90 1/8 mile. Tow vehicles permitted (no cars or trucks).

WEIGHT: Supercharged Big-block Dragster and Altered 1,800 lbs, NOS Big Block Dragster and Altered 1,700 lbs, Naturally Aspirated Big-block Dragster and Altered 1,600 lbs, Supercharged Small-block Altered 1,700 lbs, Supercharged Small-block Dragster 1,650 lbs, NOS Small-block 1,550 lbs, Naturally Aspirated Small-block 1,450 lbs, 4 and 6 cylinder Small-block 1,350 lbs.

BODIES

AIRFOILS/WINGS: A positive locking device to prevent accidental movement must be used on any airfoil. Side mounted. No part of wing may be within 6" of tire. A wing is mandatory on all rear engine dragsters if the entry exceeds 200 mph. Minimum dimension is 356 square inches.

BODIES: Body and cowl may be constructed of metal, fiberglass, carbon fiber or other suitable flameproof material and must extend forward to firewall. Altered entries must use IHRA accepted body. Driver's compartment - frame structure, roll bars, body - must be designed to prevent driver's body or limbs from making contact with wheels, tires, exhaust system, or strip surface, should spin-out, collision, or upset occur. If driver's body is in contact with belly pan, an inspection and sub-floor is required. See General Regulations. Upholstery & Seats. The maximum front overhang is 30 inches on all dragsters and 43 on all front engine altered as measured from most forward spindle center. Minimum ground clearance is 3".

WINDSCREENS: Required on all cars. See General Regulations.

CHASSIS

BALLAST: Permitted. See General Regulations.

BATTERY: Must have battery on board and permanently mounted in place for completion of run. Maximum two. See General Regulations.

BRAKES: Minimum of two rear-wheel brakes required. Hand brake, if used, must be located inside the car's body or drivers compartment. The use of steel brake lines is required. All brake lines passing the engine on any rear engine car must be shielded. Highly recommended in all cars regardless of engine location.

CHASSIS: Rear engine dragster must meet SFI 2.3, 2.2, 2.5, or 2.7. Front engine dragster must meet SFI 2.2 or 2.4 or 2.6. Altered: 6.99 and quicker must meet SFI Spec. 10.1 or 10.2. Any chrome plated chassis under the 2.3, 2.1, 2.5, 10.1 or 10.2 Specs, will no longer certify. Smooth or hammertone coating is permitted on any SFI rated chassis. See SFI Specifications for additional details.

DEFLECTOR PLATE: Mandatory: it must be as high as drivers helmet when seated in car and full width of

cage. Minimum thickness .125 inch 6061 T-6 aluminum or .060 inch steel. Carbon Fiber or Kevlar plates accepted.

FUEL SYSTEM: All fuel lines must be isolated from the driver's compartment with a subfloor or with steel braided lines where the engine is located in the rear and the fuel tank is in front of the driver. All entries must have sufficient tank capacity to make full runs without refueling. Adding of fuel after the engine has started is strictly prohibited. All fuel tanks must be equipped with positive locking screw-on caps and vented to outside of body. See General Regulations.

HEAD PROTECTOR: Required. See General Regulations.

PINION SUPPORT: It is mandatory that all entries have a rear axle and/or pinion housing anti-rotation device of a rigid design attached directly from the frame or suitable cross member to either the rear axle housing or pinion housing in a manner to prevent rotation in either direction.

STEERING: An energy absorbing device must be used to prevent the steering shaft from injuring the driver in case of front impact, and shaft must be drilled and pinned to steering box or rack. See General Regulations.

SUSPENSION: Rigid-mounted front axles are permitted. A device must be utilized that will protect the oil pan from coming in contact with the racing surface in case of excessive frame flex and/or tire or rim failure. Any front suspension using a beam or tubular axle must have the radius rods attached to the frame. Radius rods not required on front axles that are rigidly mounted 10" or less from the king pin.

WHEELBASE: Rear engine dragster minimum 175". Front engine dragster minimum 150". All cars may not have a wheel base variance from left to right of more than 2". Roadster/Altered minimum 120" maximum 150".

WHEELS/TIRES: Lightweight wire wheels designed for racing acceptable on front axles only, provided total car weight does not exceed 1800 LBS., excluding driver. Front wheel fairings prohibited. SFI 15.1 rear wheels with beadlocks mandatory if entry exceeds 215 mph.

ENGINE

CARBURETION: Carburetors, fuel injection or electronic fuel injection permitted. two return springs mandatory.

ENGINES: Any internal combustion reciprocating automotive engine permitted. Any modification to engine acceptable; engine may be in any location in dragster, front only in altered. Four (4) valves per cylinder maximum. Must be IHRA accepted.

EXHAUST SYSTEM: Competitive exhaust systems permitted. Exhaust must be directed out of car body to the rear, away from driver and fuel tank.

FUEL: Must utilize an IHRA accepted fuel. Refer to General Regulations.

HARMONIC BALANCER: Must meet SFI Spec. 18.1.

NITROUS OXIDE: Prohibited on Supercharged or Turbocharged entries. See General Regulations for specific requirements.

OIL LINES: All oil pressure lines must pass a minimum pressure test and be clearly labeled as passing the testing process.

STARTER: All entries must be self starting with an onboard starter and battery.

SUPERCHARGER: All supercharged entries may utilize a 14-71 supercharger. High Helix supercharger will be legal for competition. Screw superchargers prohibited. Front engine cars must have SFI 14.2 restraint with approved bag, rear engine cars must have SFI 14.1 restraint. A belt guard shielding both fuel and oil lines is mandatory. All supercharged dragsters must utilize a torque converter assisted transmission. 36.0 % overdrive is the maximum on all combinations using a 14-71 unit. See General Regulations.

TURBOCHARGER: The use of single or dual turboschargers is permitted. This combination will utilize supercharged weight minimums.

VENT TUBE/BREATHERS: Mandatory. Two 1" diameter connections. All breathers must be positive

locking.

DRIVELINE

FLYWHEEL/CLUTCH: SFI 1.1, 1.2 or 1.5 mandatory.

FLYWHEEL/TRANSMISSION SHIELD: For standard transmissions. Must meet SFI Specs 6.1 or 6.3. See appropriate SFI spec for motorplate requirements. For all automatic transmissions an SFI 30.1 flexplate shield is required. **REAR END:** Axle retention devices mandatory. Aftermarket axles mandatory. Welded spider rear ends prohibited. 5/8" wheel studs required. Full floating or live axle assembly mandatory if entry exceeds 215 mph.

TRANSMISSION: Clutchless transmissions are limited to five forward, aftermarket planetary to three forward gears. All transmissions must have neutral position. Neutral safety switch mandatory. All supercharged dragsters must utilize converter equipped units, All pressurized units must utilize steel lines and AN fittings to connect with accessory coolers. A minimum 1/8" pipe connection using high pressure line from vent to overflow tank (1 pint capacity minimum) is mandatory.

TRANSMISSION SHIELD: Mandatory on all entries meeting SFI 4.1. All transmission blankets must be one piece design.

SAFETY EQUIPMENT

ARM RESTRAINTS: Meeting SFI 3.3 mandatory.

DRIVER RESTRAINT SYSTEM: SFI spec. 16.1 or 16.5 mandatory within 2 year expiration from date of manufacture.

ENGINE CONTAINMENT SYSTEM (diaper): Engine must be equipped with IHRA accepted engine containment system. All systems must cover the oil pump and related components.

FIRE SYSTEM: Closed cockpit dragsters must have one 5 lb. fire extinguisher system with one nozzle in front of driver's feet. **HELMET:** SN, SA or M-2005 or newer or SFI 31.2 or 41.2 mandatory.

HEAD AND NECK RESTRAINT: SFI 38.1 mandatory, if entry goes 200 mph or faster.

MASTER CUTOFF: Master electrical cutoff switch required. Marked "push-off".

PARACHUTES: See General Regulations, Parachutes. Two required for cars running over 200 mph with separate mounting points using 1/2" sleeved bolts.

PROTECTIVE CLOTHING: A driver's suit meeting SFI 3.2A/15, gloves and shoes meeting 3.3/15 and a neck collar meeting SFI 3.3 mandatory for front engine supercharged vehicles. A driver's suit meeting SFI 3.2A/5, gloves meeting 3.3/5, and shoes meeting SFI 3.3 and a neck collar meeting SFI 3.3 mandatory for all other entries.

ROLL BAR PADDING: Mandatory, meeting SFI 45.1.

UPHOLSTERY/SEAT PAD: Mandatory if metallic seat is used.

MISCELLANEOUS

ELECTRICAL: Starting line two step accepted. Down track throttle stops, electronic ignition interrupters or use of pneumatics is prohibited. See General Regulations: Data Recorders/Electronic Devices for additional information.

DELAY BOX: Accepted. See General Regulations for specific information.

IGNITION: Aftermarket electronic ignition boxes may not be modified from factory specifications.

TAILLIGHT: One 2" working tail light mounted above the rear tires mandatory.

THROTTLE: See General Regulations.

THROTTLE STOP: Prohibited. Throttle stops are defined as being mechanical, electronic or pneumatic.

Car Show Classes

Editor's Choice (4 awards)

ISCA Award

Outstanding Paint

Outstanding Interior

Outstanding Engine

Engine Swap (Chevy into a non GM Platform)

Best Club Participation

Best Chevelle*

Best El Camino*

Best Monte Carlo*

Best Nova*

Best Truck*

Best Street Rod*

Best Pontiac*

Best Cadillac*

Best Buick*

Best Oldsmobile*

Best of Show*

Best Gold Class*

Best Camaro*

Best Pro Street*

Best Tri Five (1955-1956-1957)*

Best Corvette- C1 (1953-1962)*

Best Corvette- C2 (1963-1967)*

Best Corvette- C3 (1968-1982)*

Best Corvette- C4 (1984-1996)*

Best Corvette- C5 (1997-2004)*

Best Corvette- C6 (2005-2013)*

Best Corvette- C7 (2014-)*

*Best of Winners Receive exclusive Original Super Chevy Show Jacket