



JUNIOR FUNNY CAR

CLASS REGULATIONS

Effective November 2022

Is for children between the ages of eight and eighteen years inclusive, racing half dragsters, replicas of the sport's fastest cars. The "Dial Your Own" handicap system is used. Junior dragsters are limited to a minimum 1/8 mile ET

A/JFC 13 to 18 years limited to ET no quicker than 7.90 and Top Speed no faster than 89.99mph (144kph)

B/JFC 11 to 18 years limited to ET no quicker than 8.50 and Top Speed of no faster than 80mph (128kph)

C/JFC 8 to 10 years limited to ET no quicker than 11.90 and Top Speed of no faster than 60mph (96kph)

All competitors must comply to all Safety and General Regulations

Junior Funny Car Licence Require - Medical Required

Membership required for Parent/Legal Guardian if not a current IHRA licence holder

IHRA Technical Inspection Required (includes logbook) one logbook per vehicle.

46000	Class Reg	Junior Funny Car	Body	Body - style	Funny Car	Mandatory
46010	Class Reg	Junior Funny Car	Body	Body and cowl	Aluminium or fibreglass, Carbon Fibre	Allowed
46020	Class Reg	Junior Funny Car	Body	Body and cowl	Overall Length 3650mm, height 880mm, width 960mm. All measurements to be +/- 2%. Sill plates are not to be more than 150mm high.	Mandatory
46030	Class Reg	Junior Funny Car	Body	Body and cowl	Opening in the side of the bodywork adjacent to the driver's compartment that is large enough to allow egress of the driver in the case of the vehicle being on its roof.	Mandatory
46040	Class Reg	Junior Funny Car	Body	Body and cowl	Roof hatch minimum dimensions 400mm x 340mm hinge fixed to the front edge of opening. NO latching of the hatch permitted.	Mandatory
46050	Class Reg	Junior Funny Car	Body	Airfoils/wings	Wins Optional	Allowed
46060	Class Reg	Junior Funny Car	Body	Floor	Exists from six inches forward of pedals, to the driver's seat.	Mandatory
46070	Class Reg	Junior Funny Car	Body	Floor	Mounted atop the rail cross braces of the lower frame.	Mandatory
46080	Class Reg	Junior Funny Car	Chassis / Frame	Chassis Roll Cage Material	Five point rollcage, upper and lower frame rails, minimum 1 1/8 (28mm) round steel tubing. Uprights: minimum 7/8 (22mm) round steel tubing, may be no further than 20 inches (508mm) apart when measured on the same side of the vehicles in driver's compartment area.	Mandatory
46090	Class Reg	Junior Funny Car	Chassis / Frame	Ballast - weight	If removable, then not more than 25 lbs (11.3 kg).	Mandatory

46100	Class Reg	Junior Funny Car	Chassis / Frame	Ballast - location	Any location that is lower than the top of the rear tyres.	Allowed
46110	Class Reg	Junior Funny Car	Chassis / Frame	Brakes	Single or twin disc acting on both rear wheels.	Mandatory
46120	Class Reg	Junior Funny Car	Chassis / Frame	Brakes	If single disc, then diameter of at least 7 inches (178 mm).	Mandatory
46130	Class Reg	Junior Funny Car	Chassis / Frame	Brakes	If twin discs, then diameter of at least 5 inches (127 mm).	Mandatory
46140	Class Reg	Junior Funny Car	Chassis / Frame	Deflector plate - width	Equal to that of the chassis rails from the bottom rail to the shoulder hoop then tapering to the first bend in the roll cage where it is at least 6 inches (150 mm) wide.	Mandatory
46150	Class Reg	Junior Funny Car	Chassis / Frame	Deflector plate	Manufactured from metal at least 1/16 inch (1.6 mm) thick and installed between the driver and the engine.	Mandatory
46160	Class Reg	Junior Funny Car	Chassis / Frame	Deflector plate - height	Runs from lower frame rail to at least as high as the shoulder hoop and continues to the first bend in the roll cage.	Mandatory
46170	Class Reg	Junior Funny Car	Chassis / Frame	Frame - diagonals	At least 3/4 inch (19 mm) round steel tubing.	Mandatory
46180	Class Reg	Junior Funny Car	Chassis / Frame	Frame - upper and lower frame rails	At least 1 1/8 inch (28 mm) round steel tubing.	Mandatory
46190	Class Reg	Junior Funny Car	Chassis / Frame	Frame - roll cage	Five point conforming to standard dragster configuration as per diagram	Mandatory
46200	Class Reg	Junior Funny Car	Chassis / Frame	Steering - Rod Ends	Shank diameter at least 8 mm (5/16 inch). The use of rod ends using grease nipples, are not suitable for racing applications.	Mandatory
46210	Class Reg	Junior Funny Car	Chassis / Frame	Steering - Shaft	Pin or collar to prevent injury from frontal impact.	Mandatory
46220	Class Reg	Junior Funny Car	Chassis / Frame	Tyres - rear - diameter	Rear Diameter at least 18 inches (458 mm)	Mandatory
46230	Class Reg	Junior Funny Car	Chassis / Frame	Tyres - rear - diameter	Rear Diameter no more than 21 inches (533 mm)	Mandatory
46240	Class Reg	Junior Funny Car	Chassis / Frame	Tyres - rear - width	Rear tyre width at least 8 inches (203 mm) at the widest point.	Mandatory
46250	Class Reg	Junior Funny Car	Chassis / Frame	Frame - uprights	At least 7/8 inch (22 mm) round steel tubing.	Mandatory
46260	Class Reg	Junior Funny Car	Chassis / Frame	Frame - uprights	In the driver's compartment area, are maximum of 20 inches (500 mm) apart.	Mandatory
46270	Class Reg	Junior Funny Car	Chassis / Frame	Wheels - front	Front wheel diameter at least 5 inches (127 mm).	Mandatory
46280	Class Reg	Junior Funny Car	Chassis / Frame	Wheels - rear	Diameter at least 8 inches (203 mm).	Mandatory
46290	Class Reg	Junior Funny Car	Driver / Rider	Arm Restraints	In use	Mandatory
46300	Class Reg	Junior Funny Car	Driver / Rider		Aged between 8 and 18 years and correct JD Class Licence held has parent/guardian consent.	Mandatory
46310	Class Reg	Junior Funny Car	Driver / Rider		At time of Licence application, must have Medical Examination.	Mandatory
46320	Class Reg	Junior Funny Car	Driver / Rider		Upon Driver turning 18 years of age any further competition is forbidden.	Mandatory
46330	Class Reg	Junior Funny Car	Driver / Rider	A/JFC	If A/JFC, then for drivers between the ages of 13 and 18 years, limited to ET no quicker than 7.90 seconds and Top Speed no faster than 89.99 mph (144kph).	Mandatory
46340	Class Reg	Junior Funny Car	Driver / Rider	B/JFC	If B/JFC, then for drivers between the ages of 11 and 18 years, limited to ET no quicker than 8.50 seconds and Top Speed no faster than 80 mph (128 kph)	Mandatory
46350	Class Reg	Junior Funny Car	Driver / Rider	C/JFC	If C/JFC, then for drivers between the ages of 8 and 10 years inclusive, limited to ET no quicker than 11.90 seconds and Top Speed no faster than 60mph (96kph)	Mandatory

46360	Class Reg	Junior Funny Car	Driver / Rider	Helmet	Full faced helmets only	Mandatory
46370	Class Reg	Junior Funny Car	Driver / Rider	Helmet	AS/NZS 1698:2006 or AS/NZS 1698.	Forbidden
46380	Class Reg	Junior Funny Car	Driver / Rider	Helmet	Junior competition and SFI 24.1.	Allowed
46390	Class Reg	Junior Funny Car	Driver / Rider	Helmet	Please refer to https://ihra.com.au/helmets.html	Mandatory
46400	Class Reg	Junior Funny Car	Driver / Rider	Frontal Head restraint	All Junior Dragster categories A/JFC, B/JFC and C/JFC competitors, commencing January 1st 2020 will be required to wear a head and neck restraint/system meeting SFI 38.1. The device/system must be commercially produced by a manufacturer in the SFI 38.1 head and neck restraint program. The head and neck restraint device/system, when connected, must conform to the manufacturer's mounting instructions, and it must be configured, maintained, and used in accordance with the manufacturer's instructions.	Mandatory
46410	Class Reg	Junior Funny Car	Driver / Rider	Neck collar	A head and neck restraint device/system may be used with or without a neck collar. If the device/system is used without a neck collar, a head sock/balaclava or skirted helmet.	Mandatory
46420	Class Reg	Junior Funny Car	Driver / Rider	Protective clothing	Fire resistant clothing and footwear.	Mandatory
46430	Class Reg	Junior Funny Car	Driver / Rider	Protective clothing - driving suit	At least SFI 3.2A/1 or FIA 8856.	Mandatory
46440	Class Reg	Junior Funny Car	Driver / Rider	Protective clothing	Fire resistant shoes, socks and gloves	Mandatory
46450	Class Reg	Junior Funny Car	Drivetrain	Driveline	Belt drive or chain.	Mandatory
46460	Class Reg	Junior Funny Car	Drivetrain	Driveline	Torque converter belt assembly.	Allowed
46470	Class Reg	Junior Funny Car	Drivetrain	Chain/belt guard	At least as wide as the chain or belt and covers the top of the chain or belt.	Mandatory
46480	Class Reg	Junior Funny Car	Drivetrain	Chain/belt guard	Covers top of chain and belt runs.	Mandatory
46480	Class Reg	Junior Funny Car	Vehicle	Wheelbase	No more than 150 inches (3810 mm).	Mandatory
46490	Class Reg	Junior Funny Car	Drivetrain	Chain/belt guard	Metal and at least 1/8 inch (3.0 mm) thick.	Mandatory
46500	Class Reg	Junior Funny Car	Drivetrain	Driveline - clutch	Dry, centrifugal type.	Mandatory
46510	Class Reg	Junior Funny Car	Drivetrain	Transmission	Gear type transmission.	Forbidden
46520	Class Reg	Junior Funny Car	Electrical	Delay device	Any	Forbidden
46530	Class Reg	Junior Funny Car	Engine	Engine	Accepted by IHRA or NHRA and 4-stroke, single cylinder, side valve. All requests for the use of a different engine configuration must be approved by IHRA Australia.	Mandatory
46540	Class Reg	Junior Funny Car	Engine	Engine	OHC style engine acceptable for use in C/JD only	Allowed
46550	Class Reg	Junior Funny Car	Engine	Engine - location	Crankshaft centreline maximum 17 inches (432 mm) above ground, measured when tyres are inflated normally.	Mandatory
46560	Class Reg	Junior Funny Car	Engine	Engine - location	Forward of centreline for rear axle.	Mandatory
46570	Class Reg	Junior Funny Car	Engine	Engine - modifications	Modifications any.	Allowed
46580	Class Reg	Junior Funny Car	Engine	Induction	All EFI fuel lines (including gauge and/or data recorder lines) must be metallic, steel-braided, or IHRA-accepted woven or woven-pushlock.	Mandatory
46590	Class Reg	Junior Funny Car	Engine	Silencers/mufflers	Silencer or Muffler optional	Allowed
46600	Class Reg	Junior Funny Car	Engine	Silencers/mufflers	Muffler optional	Allowed

46610	Class Reg	Junior Funny Car	Engine	Fuel Grade	Petrol, ethanol or methanol	Mandatory
46620	Class Reg	Junior Funny Car	Engine	Induction	Fuel injection permitted. Electronic fuel injection must be a "closed" system (ie, monitors only engine functions and does not monitor vehicle speed, wheel speed). Pressurized fuel system permitted. Maximum capacity of fuel tank or cell, 3 gallons. Fuel tank / cell must be equipped with a screw-on or positive locking cap. All vents must be routed downwards and away from driver. Open holes in fuel tank/cell prohibited.	Allowed
46630	Class Reg	Junior Funny Car	Engine	Induction	Supercharging.	Forbidden
46640	Class Reg	Junior Funny Car	Engine	Throttle	Electronics, pneumatics, hydraulics or any other device activates or affects throttle operation.	Forbidden
46650	Class Reg	Junior Funny Car	Interior	Safety belt / harness	5-point harness	Mandatory
46660	Class Reg	Junior Funny Car	Interior	Seat	Seat is correctly supported and braced.	Mandatory
46670	Class Reg	Junior Funny Car	Interior	Seat	Seat is aluminium or fibreglass.	Mandatory
46680	Class Reg	Junior Funny Car	Interior	Upholstery	Loose objects between the driver and the race seat are forbidden. Note - Objects such as pillows, loose foam etc. may not be used to raise the driver for better vision out of the cockpit.	Mandatory
46690	Class Reg	Junior Funny Car	Support Group	Crew Member	If Junior Dragster and aged between 8 and 16 years, then supervised by an adult crew member	Mandatory
46700	Class Reg	Junior Funny Car	Support Group	Crew Member	If parent/legal guardian, then IHRA (Aust) Member.	Mandatory
46700	Class Reg	Junior Funny Car			If C/JFC then qualifying class limits is 12.00 seconds ET.	Mandatory
46710	Class Reg	Junior Funny Car	Vehicle	Controls - earthing device	Driver able to operate.	Mandatory
46710	Class Reg	Junior Funny Car			Lane choice will now be determined by qualifying position in the 1st round, then in rounds after that by the competitor who ran closest to their dial-in during the previous round of racing, without breaking out. In the case where both competitors have broken out, lane choice will be awarded to the competitor who broke out by the smallest margin.	Mandatory
46720	Class Reg	Junior Funny Car	Vehicle	Controls - earthing device	Via mechanical, high-tension earthing device.	Mandatory
46720	Class Reg	Junior Funny Car			If parent/legal guardian fails to withdraw their racer from event due to exceeding ET cut-off limits, then racer is suspended for 2 meetings and parent/guardian fined \$1,000. After the event is completed, all run sheets will be checked and any team found to have breached this rule will be notified, and the racer will be removed from the racing results with a fine implemented.	Mandatory
46730	Class Reg	Junior Funny Car	Vehicle	Controls - ignition kill switch	At the top of the deflector plate, between the driver and the engine, there is a second switch to switch off ignition.	Mandatory
46730	Class Reg	Junior Funny Car			If cut-off limits exceeded, then racing points are forfeited.	Mandatory
46740	Class Reg	Junior Funny Car	Vehicle	Controls - ignition shut off	Positive and able to be reached by driver.	Mandatory
46740	Class Reg	Junior Funny Car		Racing Procedure	All C/JFC drivers stepping up to B/JFC, must complete 2 x 330ft runs to the satisfaction of an IHRA Steward and recorded on the Junior Dragster evaluation form. Must complete 4 x 660ft (Full passes) between 8.50 and 11.90 to the satisfaction of the IHRA Steward and recorded on the Junior Dragster evaluation form. All runs must be solo.	Mandatory
46750	Class Reg	Junior Funny Car	Vehicle	Controls	Throttle and brake, operated by foot. Positive throttle return spring in use.	Mandatory

46750	Class Reg	Junior Funny Car			All B/JFC Drivers stepping up to A/JFC, must complete 6 runs between 7.90 and 8.50 to the satisfaction of an IHRA Steward and recorded on Licence. Runs may be completed at separate events. All runs must be solo passes.	Mandatory
46760	Class Reg	Junior Funny Car	Vehicle	Minimum weight	225 lbs (102 kg) not including driver and apparel	Mandatory
46760	Class Reg	Junior Funny Car			If new driver licencing for A/JFC Driver must be between 13 and 18years of age and must complete 6 runs between 8.50 and 8.90 to the satisfaction of an IHRA Steward, to be recorded on race licence, may be conducted over series of events. After Initial sign off competitor must complete 6 runs between 7.90 and 8.50 to the satisfaction of an IHRA Steward before competing in competition. All runs to be solo passes.	Mandatory
46770	Class Reg	Junior Funny Car	Vehicle	Wheelbase	At least 90 inches (2286 mm).	Mandatory
46770	Class Reg	Junior Funny Car		Racing Procedure	All New Drivers A/JFC-B/JFC - C/JFC once completed JDDP (Junior Dragster Driving Program) will undertake the following: 1. Track Orientation / Track Walk / Tow along Pass 2. Blindfold Test / Brake and shutdown procedure 3. 1x 60ft (stop) 4. 1 x 330ft (stop) 5. 4 x 660ft passes ET to be set by IHRA Steward and IHRA Rules 6. Each pass will require driver to come to a complete stop before exiting the racing surface. All passes must meet the satisfaction of an IHRA Steward and be recorded.	Mandatory
46780	Class Reg	Junior Funny Car			Event run sheets checked after meeting to ensure compliance with ET cut-off limits.	Mandatory
46790	Class Reg	Junior Funny Car		Racing Procedure	Competitors between the ages of 8 and 18 inclusive, racing half scale dragsters.	Mandatory
46790	Class Reg	Junior Funny Car			Paired runs with vehicles from any other racing bracket.	Forbidden
46800	Class Reg	Junior Funny Car		Racing Procedure - Start	Full tree - dial your own index	Mandatory
46800	Class Reg	Junior Funny Car			Junior Dragster is for drivers between the ages of 8 and 18 inclusive. They race half scale dragsters under a dial your own handicap system running over 1/8 mile.	Information
46810	Class Reg	Junior Funny Car			If A/JFC, and during qualifying, then ET quicker than 7.90 seconds but no quicker than 7.80 seconds permitted, and then only once per event.	Mandatory
46810	Class Reg	Junior Funny Car			Bracket Designation /JFC	Mandatory
46820	Class Reg	Junior Funny Car		Racing Procedure	All junior competition to be completed by 10.00pm	Mandatory
46830	Class Reg	Junior Funny Car		Racing Procedure	Race distance 1/8 Mile.	Mandatory
46840	Class Reg	Junior Funny Car			If B/JFC, and during qualifying, then ET quicker than 8.50 seconds but no quicker than 8.40 seconds permitted, and then only once per event.	Mandatory
46850	Class Reg	Junior Funny Car			If C/FC, and during qualifying, then ET quicker than 11.90 seconds but no quicker than 11.80 seconds permitted, and then only once per event.	Mandatory
46860	Class Reg	Junior Funny Car			Only qualifying times not quicker than 8.00 seconds for A/JD, 8.60 for B/JD, and 12.00 for C/JD, are valid for the purpose of seeding.	Mandatory
46870	Class Reg	Junior Funny Car			For Championship Events, top qualifier will be the competitor that achieves a time closest to their qualifying class limit (without breaking out) this qualifying method will continue throughout the field. E.g. C/JD running a 12.01 second pass will qualify above an A/JD running 8.02 pass.	Mandatory
46880	Class Reg	Junior Funny Car			If A/JFC then qualifying class limits is 8.00 seconds ET.	Mandatory

46890	Class Reg	Junior Funny Car			If B/JFC then qualifying class limits is 8.60 seconds ET.	Mandatory
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