

2018 Purdue Grand Prix Technical Inspection Form

Organization: _____	Kart Number: _____
Driver Name: _____	Crew Chief: _____
Relief Driver: _____	Vet/Rookie: _____
1st Tech: _____	2nd Tech: _____

2/3 2/24

Item	P, F, N/A	P, F, N/A	Rule	Notes:
			Comments:	

Support and Safety Equipment

Fire Extinguisher			Rule 10.5 Comments:	Notes: One per kart, Halon or CO2, At least 2.5 lbs, Inspected/sealed within 9 months
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Starter Motor & Battery			Rule 9.4.28 Comments:	Notes: Enclosed Container, Terminals Covered, Plastic Cover, No Taped Terminals
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Metal Gas Can			Rule 9.6.3 Comments:	Notes: Auto Closing, Metal Container, Marked for Gasoline Storage, Flame Arrestor
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Check Valve			Rule 9.4.12.10, Rule 9.4.12.14 Comments:	Notes: No Leakage When Inverted (Affix sticker to each exchangeable fuel tank)
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Air Tank			Rule 10.7 Comments:	Notes: Pressure Gauge, Good Condition
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Helmet			Rule 10.2 Comments:	Notes: Full Faced, Snell 2010 minimum
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Racing Suit & Gloves			Rule 10.3 Comments:	Notes: Proper Fit, Good Condition, NOMEX or SF13-2A/5 or FIA CIK 8856-2000
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Neck Brace			Rule 10.3 Comments:	Notes: Snug Fit, Good Condition
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Wrist Restraints			Rule 10.3 Comments:	Notes: Commercially Made, Good Condition, Contrasting Color to Racing Suit
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Shoulder Belts			Rule 10.6 Comments:	Notes: Commercially Sewn, No Loose Ends, Quick Release Works, Correct Fit, 3"
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Safety Belts			Rule 10.6 Comments:	Notes: Commercially Sewn, No Loose Ends, Quick Release Works, Correct Fit, 3"
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Head Clearance			Rule 9.4.4.1.9 Comments:	Notes: Min Clearance 4" From Helmet to All Points of Roll Cage
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Head Rest			Rule 9.4.11 Comments:	Notes: Prevent Head Hyperextension and Beyond Cage, Padded, Secure
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Brakes			Rule 9.4.16 Comments:	Notes: Must Lock at Full Speed
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Rookie Tape			Rule 2.7.4 Comments:	Notes: Rear of Cage
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Kart Exit			Rule 1.2.3.1 Comments:	Notes: Driver must exit kart from full restraint within 5 seconds
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Chassis, Drive Train, & Safety Cage

Kart Width			Rule 9.4.7 Comments:	Notes: Min 30" to 53" Max
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Wheelbase			Rule 9.4.6 Comments:	Notes: 40" Min to 66" Max, Axle Centerlines
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Tire Size			Rule 9.4.8 Comments:	Notes: Min 9" to 12.75" Max, Pneumatic
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Wheels			Rule 9.4.9 Comments:	Notes: Axle Nuts Pinned, Wheels Good Condition
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Axle Pins			Rule 9.4.9.2 Comments:	Notes: Pinned
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Spindles			Rule 9.4.23 Comments:	Notes: Not to be Extended Beyond Wheel
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Additional Weight			Rule 9.5.2 Comments:	Notes: Bolted Securely to Main Frame or Floor Pan with 1" Fender Washer, Painted White
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King Pins			Rule 9.4.26.1 Comments:	Notes: Pinned
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Pedals			Rule 9.4.26.1 Comments:	Notes: Pinned
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Throttle Linkage			Rule 9.4.26.1 Comments:	Notes: Pinned, 2 Spring Return
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Brake Pedal Linkage			Rule 9.4.26.1 Comments:	Notes: Pinned
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Master Cylinder			Rule 9.4.16.3 Comments:	Notes: Pinned
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Steering Linkage		Rule 9.4.26.1 Comments:	Notes: Pinned, no plastic
Steering Support		Rule 9.4.21 Comments:	Notes: Pinned, plastic steering blocks allowed
Steering Wheel		Rule 9.4.22 Comments:	Notes: Pinned
Firewall		Rules 9.4.12.6-8 Comments:	Notes: 3/4" Higher Than Tank
Tank Secured		Rule 9.4.12.9 Comments:	Notes: Attached to Firewall
Shutoff Valve		Rule 9.4.12.5 Comments:	Notes: Positive Shutoff. Safety Pin Holding Tank Should Be Tethered
Fuel Lines		Rule 9.4.14 Comments:	Notes: Approved Tubing, Worm Gear Clamps, No Nylon or Spring Clamps
Safety Belt Attachment		Rule 10.6.6 Comments:	Notes: Pinned, Welded Tabs on Frame
Harness Support		Rule 9.4.11 Comments:	Notes: 3 Pt. Construction Rigid Good Condition. No Flat Stock, Tubing Cannot Be Crushed
Head Rest Attachment		Rule 9.4.11 Comments:	Notes: Flat Surface, Min 4" in Dimension, Independent of Roll Cage
Transponder Bracket		Rule 4.3.1 Comments:	Notes: Behind Driver's Seat, Within 6" of Track Surface
Clutch		Rule 9.4.17 Comments:	Notes: Third Bearing Mount Wired, Clutch Scoops Commercially Manufactured
Rear Axle		Rule 9.4.23 Comments:	Notes: 1" Diameter, Inside Wheels
Chain Guard		Rule 9.4.19 Comments:	Notes: Blank Sprocket = Gear Size
Brake Calipers		Rule 9.4.16 Comments:	Notes: Pinned, Guard Present
Silencers		Rule 9.6.4.4 Comments:	Notes: Baffle Tube Inner Diameter is Less Than or Equal to .905"
Muffler		Rule 9.4.24.3 Comments:	Notes: Max DB 109 @ 10 ft.
Muffler Mount		Rule 9.4.24.2 Comments:	Notes: Safety Wired, Inside Cage, Securely Mounted, Wire Through Each Spring
Chain Oiler		Rule 9.4.20 Comments:	Notes: Max 8 oz., Securely Mounted (Affix sticker to steering column if all OK)
Bumpers		Rule 9.4.4.2 Comments:	Notes: Must Prevent Hooking by Other Karts
Side Protection		Rule 9.4.4.2 Comments:	Notes: Bottom 7" Max, Above Ground, Top Bar 6" Max from Bottom Bar
Roll Bar		Rule 9.4.4.1 Comments:	Notes: 4 Point, Gussets
Roll Cage		Rule 9.4.4.1 Comments:	Notes: Enclose Driver, Prevent Other Karts From Entering, Bolt Heads on Outside of Cage
Bracing		Rule 9.4.4.3 Comments:	Notes: 2 or More Extend from Knee Bar to Front Bumper
Construction		Rule 9.4.4.5 Comments:	Notes: Ends Plugged, Smooth Edges
Welds		Rule 9.4.25 Comments:	Notes: Good Quality, Butt Welds Drilled and Doweled
Safety Cage Attachment		Rule 9.4.4.4 Comments:	Notes: Pinned (Affix sticker to designated location on roll cage if all OK)
Number Panels		Rule 9.4.29.2 Comments:	Notes:
Kill Switch		Rule 9.4.27 Comments:	Notes: SPST Switch on Steering Column

Additional Comments: