BULLET

Driver: Ethan Kovalshy
Track: Hobby Action
Event: Western Worlds

Class: Outlaw Sprint ☐Flat ☑Banked Run Line: ____
Driving Style: Smooth ☑ Aggressive ☐ Surface: Smooth ☐☑☐☐☐ Bumpy
Traction: High ☐☑☐☐☐☐☐ Low

Tires

	Brand/Name	Compound	Insert
RF	Hot Race	V1	Stock
LF	"	"	"
RR	"	"	"
LR	"	"	"

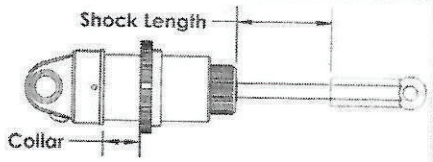
Cleaned With: Sprayway Glass Cleaner
Traction Additive: TDL Gen 2

Notes: CW oils.

Shocks - ☑Small Bore ☐12mm Big Bore

	Body Length	Shaft Length	Spring	Oil	Piston	Shock Length	Collar	Spring Cup
RF	S M (L)	S M (L)	Green	50wt	4x1.0	17mm	4.00	Std Ext
LF	S M (L)	S M (L)	Red	45wt	4x1.0	17mm	6.19	Std Ext
RR	S M (L)	S M (L)	Purple	42.5wt	4x1.0	18mm	2.44	Std Ext
LR	S M (L)	S M (L)	Purple	42.5wt	4x1.0	18mm	2.69	Std Ext

Measure the length of the exposed shaft with the shock fully extended.
Go to lighter oil or larger piston if tires are skidding over bumps in track.
Go to heavier oil or smaller piston if tires or car is bouncing.



Ride Height

LF	13	RF	14
LR	13	RR	14

Offset

Front	☐Low ☐Med ☐High
Rear	☐Low ☐Med ☐High

Corner Weights

LF	19.60	RF	14.42
LR	18.45	RR	14.74

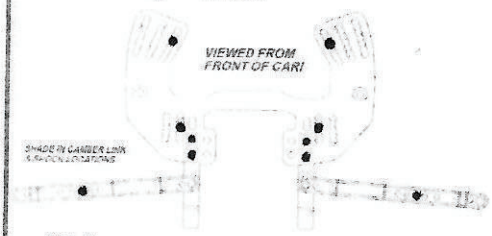
Total Weight: 67.18

Rear %	
Left %	
Wedge %	

☐Measured without wing

Notes: ____

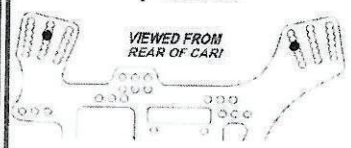
Front Suspension



Kick-Up	☐25° ☐30° 20° ☐35°
Toe	____°
Sway Bar	☑None ☐ ____

Right		Left		Right		Left
-3°	Camber	0°		5 mm	Hex Offset	5 mm
☑0 ☐-5 ☐+5 ☐-10 ☐+10	Caster	☑0 ☐-5 ☐+5 ☐-10 ☐+10		☐ Inner ☑ Kingpin	Outer Link Location	☐ Inner ☑ Kingpin
☐ Inline ☑ Trailing ☐ Brass	Spindle	☐ Inline ☑ Trailing ☑ Brass		☑None ☐ ___mm	Outer Ball Stud Washers	☑None ☐ ___mm
☐ Forward ☑ Middle ☐ Back	Spindle Ball Stud	☐ Forward ☑ Middle ☐ Back		☐ Forward ☐ Back middle	Caster Block Spacing	☐ Forward ☐ Back middle
Inner 2 mm Outer 1 mm	Bump Steer Washers	Inner 2 mm Outer 1 mm		☑None ☐ ___mm	Kick-Up Spacers	☑None ☐ ___mm

Rear Suspension



Gear Diff Oil- 12.5W

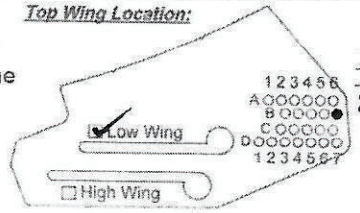
Outdrives / Differential	☑Steel ☐ Alum ☑Gear
Slipper	☑Yes ☐ No

Left		Right		Left		Right
+2°	Camber	-3°		Inner 2	Ball Stud Washers	Inner 2
☐0 ☐1 ☐3 ☑2 ☐4	Spacers Behind Hub	☐0 ☐1 ☐3 ☑2 ☐4		Outer 1		Outer 2
☐ None ☑2.5mm	Suspension Mount Shims	☐ None ☑2.5mm		☐ Inner ☑ Outer	Outer Link Location	☐ Inner ☑ Outer
☑V1 ☐ V2 ☐ ___	Suspension Mount	☑V1 ☐ V2 ☐ ___		☐ None ☑ ___mm	Anti-Squat Shims	☐ None ☑ ___mm
☐ Brass ☑ Delrin ☐ Plastic	Rear Hub	☐ Brass ☑ Delrin ☐ Plastic		☑ Inner ☐ Outer	Lower Shock Position	☑ Inner ☐ Outer
☐ High ☑ Middle ☐ Low	Outer Pin Height	☐ High ☑ Middle ☐ Low		☐0° ☑+5°	Chassis Toe	☐0° ☑-5°
				☑In ☐Out 6°	Arm Toe	☐In ☑Out 2°
				8 mm	Hex Offset	8 mm

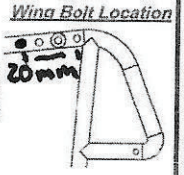
Top Wing:

☑7x7 Flat ☐ 7x7 Vortex
Wickerbill: ☐ Yes ☑ None
Front Button:
☐ High ☐ Middle ☐ Low
Front Wing:
☐ None ☐ Small ☑ Large

Top Wing Location:



Wing Bolt Location



Electronics

Motor: HW 7.0T
Amp Draw: ____
Timing: ____
Pinion: 26
Spur: 81

Speed Control: HW G3
Timing/Boost: ____
Drag Brake: ____
Battery: ____
Battery Position: F☑☐☐☐☐☐R

Notes: V2 Rear Camber Mount w/2 shims. Brass front servo mounts CW3527, CW5247 servo horn. universals w/ Delrin hubs. 3 oz on front Bumper. 0.5oz x3 on side of Battery. CW3868 steel shorty Battery weight. V1 suspension mounts Raised 2.5mm. Dremel to clear Trans. Top wing Moved forward 20mm. New holes Drilled To move forward. RF arm shimmed Back since in forward Position for extra Toe out.