



Driver: Brian Breckenridge Class: Wingless Sprint Flat Banked Run Line: _____
 Track: Mustang Arena Driving Style: Smooth Surface: Smooth Bumpy
 Event: RC Chili Bowl 2023 Aggressive Traction: High Low

Tires

	Brand/Name	Compound	Insert
RF	DE Spec	30	
LF	DE Spec	30	
RR	DE Spec	30	
LR	DE Spec	30	

Cleaned With: Water

Traction Additive: PB Blaster

Notes: Ran 1 set of tires for entire event.
By main, smaller tread blocks were almost gone. A little more tread might have been better, not sure.

Shocks - Small Bore 12mm Big Bore

	Body Length			Shaft Length			Spring	Oil	Shock			Spring Cup		
	S	M	L	S	M	L			Piston	Length	Collar	Std.	Ext.	
RF	S	M	L	S	M	L	5#	32	S	M	L	21.75mm	.22	Std. Ext.
LF	S	M	L	S	M	L	5#	32	S	M	L	21.75mm	.17	Std. Ext.
RR	S	M	L	S	M	L	6#	35	S	M	L	21.75mm	.32	Std. Ext.
LR	S	M	L	S	M	L	6#	35	S	M	L	21.75mm	.40	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				Max Chassis Height				Corner Weights				Rear %	
LF	17.5mm	RF	17.5mm	LF	25mm	RF	25mm	LF	11.9	RF	11.1	Left %	52%
LR	16mm	RR	16mm	LR	23mm	RR	23mm	LR	19.1	RR	17.5	Wedge %	51%

Measured From: Bottom of Chassis Top of Chassis

Total Weight: 59.75 oz. Measured without wing

Front Suspension

VIEWED FROM FRONT OF CAR!

Shade in camber link and shock locations

Kick-Up	<input type="checkbox"/> 25° <input type="checkbox"/> 30° <input checked="" type="checkbox"/> 35°
Toe	<u>1 out</u>
Sway Bar	<input checked="" type="checkbox"/> None <input type="checkbox"/>

Right	Left	Right	Left
<u>-1</u>	<u>-1</u>	<u>3mm</u>	<u>3mm</u>
<input checked="" type="checkbox"/> 0 <input type="checkbox"/> -5 <input type="checkbox"/> +5 <input type="checkbox"/> -10 <input type="checkbox"/> +10	<input type="checkbox"/> 0 <input checked="" type="checkbox"/> -5 <input type="checkbox"/> +5 <input type="checkbox"/> -10 <input type="checkbox"/> +10	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Middle <input type="checkbox"/> Outer	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Middle <input type="checkbox"/> Outer
<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Outer	<input checked="" type="checkbox"/> Inner <input type="checkbox"/> Outer	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Trailing	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Trailing
<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Kingpin	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Kingpin		

Rear Suspension

VIEWED FROM REAR OF CAR!

Outdrives / Diff.	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Alum <input type="checkbox"/> Gear
Slipper	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Left	Right
<u>-1</u>	<u>-1</u>
<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4	<input type="checkbox"/> 0 <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
<input checked="" type="checkbox"/> None <input type="checkbox"/> .060 <input type="checkbox"/> .125	<input checked="" type="checkbox"/> None <input type="checkbox"/> .060 <input type="checkbox"/> .125
<input type="checkbox"/> Short <input checked="" type="checkbox"/> Middle <input type="checkbox"/> Long	<input type="checkbox"/> Short <input checked="" type="checkbox"/> Middle <input type="checkbox"/> Long
<input type="checkbox"/> Upper <input checked="" type="checkbox"/> Lower	<input type="checkbox"/> Upper <input checked="" type="checkbox"/> Lower

Left	<u>7 in</u>	Right	<u>1 in</u>
	<u>5.5</u>		<u>8</u>

Top Wing:

7x7 Flat 7x7 Vortex

Wickerbill: Yes None

Front Button:
 High Middle Low

Front Wing:
 None Small Large

Top Wing Location:

Electronics

Motor: 13.5 Spec Speed Control: HW XR10 Pro

Amp Draw: _____ Timing/Boost: Blinky

Timing: 48 deg Drag Brake: 0

Pinion: 27 Battery: Prottek 6400 Shorty

Spur: 81 Battery Position: F R

Notes: Qualified 3rd and won A-main. Car was a little tight in A, had to arc the corners more than I wanted.
 Only really changed wheel spacers to adjust throughout the week. Didn't practice other than the 1 timed session.
 Solid setup that could probably be made better. Started at level ride height but rears wore more than fronts.
 Didn't know what to do with spec motor as far as timing/gearing. Wasn't slow but most likely was giving up a little speed.
 1 oz brass on rear tower. Fan on motor. Tall rear hubs, bottom hole. Transmission riser kit.