AE RC10 B6.3

Setup: Matty Gs Nats setup · Matthew Gonzales (1up Racing) · May 11, 2022

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EVENT

Event	ROAR Nats

TRACK

Track	“The Track”
Type	Indoor hard-packed
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	70°F (21°C)
Track temp	102°F (39°C)

RESULTS

Best lap	14.2 s
Average lap	1405 s

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	0 mm
Steering plate	B6 FT Carbon
Anti-roll bar	None
Arms	Gull-wing graphite
Axle height	+2 mm
Bulkhead	Aluminum
Bumpsteer: outer steering stud spacers	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	1 mm
Outer stud location	A - Inside
Caster	30 deg - Kick-up: 25 / Block insert: +5
Ride height	19 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering stop spacers	0 mm
Toe	+1 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	5mm Titanium
Trail: steering block	4 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

TIRES

	FRONT	REAR
Tire brand / type	Spec	Spec
Tire compound	Spec	Spec
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	Spec	JConcepts Mono
Tire prep - F/R	Spec Sauce, sanded to slicks	

REAR SUSPENSION

Anti-roll bar	None
Arms	75mm Carbon
Axle height: hub insert	+2 mm (1/2 down)
C mount	Wide aluminum
C mount inserts	1 out
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	2 mm
Outer stud mount spacers	0 mm
Outer stud spacers	1.5 mm
D mount	Wide aluminum
D mount inserts	1 down and out
Differential height	2 mm
Hubs	Carbon
Ride height	19 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	Wide
Track: wheel hexes	4mm
WHEELBASE	
Arm spacers	Long (back)
Hub spacers	Long (back)

BODY & CHASSIS

	FRONT	REAR
Wing	JC B6.2	JC Carpet Astro
Battery position	Front hole / 4	
Body	JConcepts S2 Light Weight	
Chassis	B6.3 +3mm	
Rear wing angle	6 degrees	
WEIGHT		
Electronics plate	Carbon/Carbon	
Total	1530 g	

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2mm Long	+2mm Long
Limiters - internal/external	0 / 0 mm	03 mm
Oil weight	500 cst	450 cst
Pistons	1x1.8 + 1x1.7 2.5mm	1x1.8 + 1x1.9
Shafts	x2 3x21mm Chrome	x2 3x27.5mm Chrome
Springs	V1 Grey	V1 Grey
Stroke	22.5 mm	28.5 mm
Shock oil brand	MR33	

NOTES 0 inner Limiter / 3mm outter

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 9mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential fluid	5,000 cst
Differential fluid brand	Team Associated
Differential type	Ball
Drive ratio - final	2.6
Drive ratio - internal	2.60
Driveshafts	69mm
Pinion	27 teeth
Spur	72 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES 1up Racing Pink Diff Grease

ELECTRONICS

Battery brand	**Fantom**
Battery capacity	**6100 mAh**
Battery model	**Fantom HV**
ESC brand	**Muchmore**
ESC model	**Fleta Pro V2**
Motor brand	**Fantom**
Motor model	**Fantom Icon Tourqe V2 (Team Glitch Tuned)**
Motor timing	**46.9 degrees**
Motor wind	**17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA throttle	**100 %**
Radio model	**M12Rs**
Receiver brand	**Sanwa/Airtronics**
Servo brand	**Fantom**

NOTES Steering settings

Rate -20

Steering speed -30 foward/return