AE RC10 B6.3

Setup: Finish line Turf masters race 3/12/22 · Tim Collins · May 11, 2022

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EVENT	
Event	Turf master race
Class	2w 17.5

TRACK	
Track	Finish line raceway
Type	Indoor astroturf
Grip / moisture	High
Surface / layout	Smooth / Tight

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering plate	+1mm
Anti-roll bar	0.9mm Gray
Arms	Gull-wing
Axle height	+3 mm
Bulkhead	Aluminum
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	1 mm
Outer stud location	A - Inside
Caster	22.5 deg - Kick-up: 25 / Block insert: -2.5
Ride height	16 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Middle
Steering stop spacers	0 mm
Toe	0 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	5mm Aluminum
Trail: steering block	4 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

ELECTRONICS

Battery brand	SMC
Battery C rating	120 C
Battery capacity	5200 mAh
Battery model	Smc
ESC brand	Tekin
Motor brand	Trinity
Motor model	17.5 5%
Motor timing	50 degrees
Motor wind	17.5 turns
Radio brand	Futaba
Radio model	4PV
Receiver brand	Futaba
Receiver model	304SBE
Servo brand	Savox
Servo model	1258

REAR SUSPENSION

Anti-roll bar	1.3mm Gray
Arms	73mm
Axle height: hub insert	+2 mm (1/2 down)
C mount	Wide aluminum
C mount inserts	1 out
Camber	-1 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	0.5 mm
Outer stud mount spacers	3 mm
Outer stud spacers	3 mm
D mount	Wide aluminum
D mount inserts	0.5 down and out
Differential height	2 mm
Hubs	Plastic
Ride height	16 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	4 - Outside
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Middle

NOTES 3+ rear block

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit

Battery position	Rear hole / 4
Body	Kit
Chassis	B6.3D
Rear wing angle	6 degrees
Screws & turnbuckles	Titanium blue AE turn buckles
WEIGHT	
Electronics plate	Aluminum
Servo	Aluminum

NOTES Jconcepts F2

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+0mm Short	+2mm Long
Limiters - internal/external	0 / 0 mm	1 / 0 mm
Oil weight	40 wt	32.5 wt
Pistons	2 x 1.6mm FT v2	2 x 1.7mm FT v2
Shafts	v2 3x21mm TiN	v2 3x27.5mm TiN
Springs	4.30lb Yellow	2.00lb Gray
Stroke	24 mm	28 mm

Shock oil brand: Team Associated

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Direct drive
Differential fluid	7,000 cst
Differential fluid brand	Team Associated
Differential type	Gear
Drive ratio - internal	2.60
Driveshafts	69mm
Pinion	29 teeth
Spur	72 teeth
Transmission gears	3
Transmission orientation	Laydown