AE RC10 B6.3 D

Setup: My Base Setup · Travis Brewer (Pro Performance RC Inc) · Oct 4, 2023

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TRACK

Type	Indoor clay
Grip / moisture	High
Air temp	70°F (21°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering plate	Schelle type 1
Anti-roll bar	None
Arms	Gull-wing
Axle height	+2 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	27.5 deg - Kick-up: 25 / Block insert: +2.5
Ride height	20 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering stop spacers	0 mm
Toe	0 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	Exotek Flight 5mm titanium axle
Trail: steering block	3 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

NOTES FT 15.5mm clamping servo horn
FT aluminum bellcranks
Twork's carbon servo mount brace
Exotek titanium axles
RD carbon bulkhead brace

ELECTRONICS

Battery brand	ProTek
Battery capacity	6100 mAh
ESC brand	Pro Performance RC
ESC model	XSC150P
Motor brand	Trinity
Motor model	Xfactor team (Rockwell tuned)
Motor wind	17.5 turns
Radio brand	Sanwa/Airtronics
Servo brand	Pro Performance RC
Servo model	LP10HV-SR

NOTES Revtech 30mm motor fan

REAR SUSPENSION

Anti-roll bar	None
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	2 - Middle
Inner stud spacers	3 mm
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	1 down and out
Differential height	2 mm
Hubs	Factory Team (#91877/8)
Ride height	20 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Willspeed
Battery position	Between F4/5	
Body	Rawspeed Nitehawk v2 lightweight	
Chassis	B6.3D	
Rear wing angle	3 degrees	
WEIGHT		
Electronics plate	FT 8g carbon	
Servo	FT 5g carbon	

NOTES Klinik battery cradle
Schelle titanium upper screw kit
Jcon titanium turnbuckles
All nuts are aluminum

SHOCKS

	FRONT	REAR
Cup offset	5 mm	5 mm
Eyelet length	+0mm Short	+2mm Long
Limiters - internal/external	0 / 0 mm	0 / 1 mm
Oil weight	32.5 wt	32.5 wt
Pistons	2 x 1.6mm FT v2	2mm 2x1.7mm FT v2
Shafts	v2 3x21mm TiN	v2 3x27.5mm TiN
Springs	3.40lb White	1.91lb White
Stroke	23.5 mm	29.5 mm
Shock oil brand	Team Associated	

NOTES FT Kashima 23/27.5mm bodies
FT Machined internals (#91494)

DRIVETRAIN

Axle	+2mm CVA
Clutch type	Direct drive
Differential type	Ball
Drive ratio - internal	2.60
Driveshafts	MOD feather weight 69mm #20513
Pinion	27 teeth
Spur	72 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES FT aluminum diff height inserts (#91793)
MOD feather weight kit (#20510)
MIP diff kit (#17095)
Whitz racing ceramic gearbox bearing kit
Exotek direct drive
Exotek machined spur
Avid aluminum direct drive screw
Titanium screws holding on spur gear