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EVENT	
Event	New track, first layout
Class	2wd SCT 13.5 Blinky

TRACK	
Track	Maximus
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Open
Air temp	65°F (18°C)
Track temp	65°F (18°C)

RESULTS	
Race type	Main
Race number	6
Finish	3rd

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	+1mm
Anti-roll bar	1.4 mm
Arms	Kit
Axle height: steering block shims	+3 mm
Bellcrank link length	3 mm
Bellcrank orientation	Up
Bulkhead	Aluminum
Bulkhead shims	1 mm
Bump steer: outer steering link shims	1 mm
Camber	-1 degrees
CAMBER LINKS	
Inner	Mid
Inner shims	0 mm
Outer	-2 mm
Outer shims	1 mm
Caster: caster block inserts	+5 degrees
Kick-up	+2.5 degrees
KPI: steering block	3 degrees
Ride height	14 mm
Shock tower	Kit
SHOCKS	
Arm mounts	Out
Tower mounts	In
Steering crank shims	0 mm
Steering stop shims	0 mm
Toe	-1 degrees
Track: wheel hexes	8.5 mm
Trail	4 mm
Wheelbase: caster block shims	Middle
NOTES FT Aluminum asteering Rack FT Aluminum Bellcranks JC Aluminum Servo Horn	

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms	Kit
Axle height: hub inserts	+3 mm
C mount	J Concepts B7 steel -1 (much fitting required)
C mount inserts	1 up and out
Camber	-1 degrees
CAMBER LINKS	
Inner	Mid
Inner shims	4 mm
Outer mount shims	Mounted to shock tower, top inside hole mm
Outer shims	1 mm
D mount	J Concepts steel
D mount inserts	1 in
Differential height	3 mm
Hubs	Kit
Ride height	15 mm
Shock tower	Factory Foote tower with tower mounted camber link
SHOCKS	
Arm mounts	Out
Tower mounts	In
Track: wheel hexes	7 mm
WHEELBASE	
Arm shims	Long
Hub shims	Mid
NOTES Inverted shocks with VR titanium mounts	
Factory Foote 1mm gearbox shims/D block shim	

TIRES

	FRONT	REAR
Tire brand / type	J Concepts Swagger	J concepts Fuzz Bite
Tire compound	Pink	Pink
Tire insert	J Concepts grey	J Concepts grey
Wheel brand / type	DE Racing Speedline	DE Racing Speedline
NOTES 2x 4mm vent holes in sidewall Front sidewalls guled... heavily		

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	0 mm
Limiters - ext	0 mm	0 mm
Limiters - int	0 mm	0 mm
Oil weight	45 wt	37.5 wt
Pistons	<u>2.5mm</u> <u>2x1.7mm</u> <u>holes</u>	<u>2.5mm</u> <u>2x1.9mm</u> <u>holes</u>
Springs	PR Racing buggy spring, green/black 5.04# (02530116)	PR Buggy Spring Yellow/White 3.54# (02530086)
Stroke	26 mm	27.5 mm
Shock bodies	Standard	
Shock oil brand	Team Associated	
Shock shafts	21mm front shafts	
NOTES Inverted rear shocks with VR titanium mounts		

DRIVETRAIN

Clutch pads	2 x 19mm
Clutch type	Slipper
Differential fluid	80,000 cst
Differential fluid brand	Racer's Edge
Differential type	Gear - metal
Drive ratio - final	8.78
Drive ratio - internal	2.60
Driveshafts	CVA
Pinion	24 teeth
Spur	81 teeth
NOTES 2 gear diff	

BODY & CHASSIS

Battery mount offset	Standard
Battery position	3
Body	J Concepts Illusion Hi Flo SCT
Chassis	Custom made carbon fiber
Electronics layout	ESC: M4 RX: M3 Transponder: M2
FLEX	
Gearbox	Kit
Side rails	Kit
Top plate	Kit
Weight: total	2080 g
WEIGHTS	
Electronics plate	11g Aluminum
Servo	0

ELECTRONICS	
Battery brand	Gens Ace
Battery C rating	140 C
Battery capacity	6000 mAh
Battery model	Redline
ESC brand	Cayote
ESC model	Crext X Evo
Motor brand	Tekin
Motor model	G4 Spec
Motor timing	30 degrees
Motor wind	13.5 turns
Radio brand	Flysky
Radio model	Nb4+
Receiver brand	Flysky
Servo brand	Reedy
Servo model	RT2007A
NOTES 20A	

ESC SETTINGS	
BOOST	
Activation	None
Ramp	None
RPM End	None rpm
RPM Start	None rpm
Timing	None degrees
BRAKE	
Curve	Linear
Drag	40 %
Frequency	2000 kHz
Initial strength	15 %
Strength	Max
Race mode	Blinky
THROTTLE	
Curve	Linear
Frequency	6000 kHz
Initial strength	12 %
Neutral range	4 %
Strength	30 (max)
TURBO	
Activation method	None
Delay	None seconds
Ramp	None
Timing	None degrees