TLR 22 5.0 DC Elite

Setup: My Base Setup · Jacobmitchellrc (TLR) · Sep 13, 2021

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EVENT	
Event	Practice 7/7/21
Class	Expert

TRACK	
Track	702 RC Raceway
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	95°F (35°C)
Track temp	100°F (38°C)

RESULTS	
Race type	Practice
Race number	00
Best lap	17.7 s
Average lap	18.2 s

FRONT SUSPENSION

Anti-roll bar	1.2 mm
Arm length (VLA setting)	Short arm
Arms	Stiffezel
Axle height	4mm top / 0mm below (high)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	0 mm
Outer stud location	A - Inside
Outer stud spacers	1.5 mm
Hub carrier	5 degrees
Kick shims	2 mm
Kickup	25 degrees
Pivot	Aluminum
Ride height	12 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud location	Standard
Inner stud spacers	0 mm
Outer stud location	Low
Outer stud spacers	0 mm
Steering plate / arm	4 (aggressive steering)
Toe	+1 degrees
Tower	Carbon +2mm
Track: axle spacing	0 mm
Trail	4 mm

NOTES 5mm weight added on servo.

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Swagger	JConcepts Twin Pin
Tire compound	Pink	Pink
Tire insert	Open-cell	Open-cell
Tire prep	~10 laps.	~10 laps.
Wheel brand / type	TLR 4.0 Stiffizele	TLR Standard

NOTES Adjust front droop for Proline tires.

REAR SUSPENSION

Anti-roll bar	1.6 mm
Arms	Kit
Axle height	3 mm
C mount	Aluminum
C mount inserts	1 down and out
Camber	-2 degrees
Camber block spacer	+1 mm
CAMBER LINK	
Inner stud location	2 - Front (laydown)
Inner stud spacers	1.5 mm
Outer stud location	B - Front
Outer stud mount spacers	1 mm
Outer stud spacers	1.5 mm
D mount	Aluminum
D mount inserts	1 down
Differential height	1.75 mm
Driveshaft CV pin position	4 (towards wheel)
Hub	Gen II
Ride height	12 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	Carbon Laydown +2mm
Track: wheel hexes	Kit
Wheelbase: hub spacers	Front 0.5mm / rear 2.5mm

NOTES Add droop if not landing well.

BODY & CHASSIS

	FRONT	REAR
Wing	Low	TLR 6.5"

Battery position	1
Body	Proline Axis
Chassis	Kit
Chassis brace/waterfall	Stiffezel
Chassis front brace	Standard
Rear wing angle	0 degrees
Rear wing height	Standard
Rear wing wickerbill	Below line.
Weight balance (F/R)	46 / 54
WEIGHT	
Battery plate	0 g
Electronics plate	Carbon
Rear ballast	0 g
Total	1478 g

NOTES Weight without chassis protector.

SHOCKS

	FRONT	REAR
Bodies	G3 36.5mm x 3.0mm	42mm x 3.0mm
Eyelet length	+2	Standard
Limiters (external)	0 mm	0 mm
Limiters (internal)	0 mm	0 mm
Oil weight	40 wt	35 wt
Pistons	Thin 2 x 1.5mm	Thin 2 x 1.7mm
Shafts	3.0mm x 42.7mm TiCN	3.0mm x 48.7mm TiCN
Spring cups	Medium	Low
Springs	AE V2 Red	AE V2 Blue
Stroke	21.5 mm	27 mm
Shock oil brand	Team Losi	

NOTES Adjust oil 2.5wt for +-15f°.

DRIVETRAIN

Clutch pads	Kit
Clutch type	Slipper
Differential fluid	10,000 cst
Differential fluid brand	Flashpoint
Differential type	4-gear
Drive ratio - final	6.51
Drive ratio - internal	2.43
Driveshafts	68mm CVA
Pinion	28 teeth
Spur	75 teeth
Transmission orientation	Laydown

NOTES Yellow slipper pads.

ELECTRONICS

Battery brand	**Spektrum**
Battery C rating	**100**
Battery capacity	**6300 mAh**
Battery model	**Smart 6300mAh 100C LiHv**
ESC brand	**R1 Wurks**
ESC model	**Digital-3 Superstock**
ESC settings	**5% drag brake. 7.4V BEC.**
Motor brand	**R1 Wurks**
Motor model	**V21-S 17.5**
Motor timing	**45 degrees**
Motor wind	**17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**100 %**
Radio EPA throttle	**100 %**
Radio model	**MT-44**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**RX-482**
Servo brand	**Reefs Rc**
Servo model	**299:LP**
Transponder ID	**0000000**

NOTES ESC mounted in center of car.