XRAY T4 '20

Setup: USGT 17.5T · NeVFlee · Dec 14, 2023

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EVENT	
Event	Training
Class	17.5T USGT

TRACK	
Track	Dayz
Type	Indoor carpet
Grip / moisture	High/Medium / Dry
Surface / layout	Medium/Smooth / Tight/Medium
Air temp	20°C (68°F)
Track temp	25°C (77°F)

RESULTS	
Race type	Practice
Best lap	9.7 s
Average lap	10.1 s

FRONT SUSPENSION

Anti-roll bar	1.4mm
Arms	Graphite (#302173-G / 4-G)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Front
Inner stud spacers	2.0 mm
Outer stud spacers	2.0 mm
Differential height	High
Downstop	5.6 mm
FF mount	Kit
FF mount inserts	0.5 up
FF/RF mount position	Inside
FR mount	Kit
FR mount inserts	0.5 up
Hub carriers (caster)	4 deg Medium (#302363 / 4)
Ride height	5.2 mm
Servo saver arms	Aluminum
SHOCKS	
Arm mount spacers	1.0 mm
Arm mounting hole	A - Top
Tower mount spacers	4.0 mm
Tower mounting hole	1 - Inside
Steering blocks	Hard
STEERING LINK	
Inner stud spacers	1.0 mm
Outer stud location	2 - Back
Outer stud spacers	2.0 mm
Steering lock	27 degrees
Steering plate	8.5mm
Steering plate spacers	5 mm
Toe	-1 degrees
Tower	ULP Graphite
Track: wheel hexes	4mm
Wheelbase: arm spacers	1.0 mm

REAR SUSPENSION

Anti-roll bar	1.3mm
Anti-roll bar stud location	B - Outside
Arms	Graphite (#303173-G / 4-G)
ARS link position	N/A
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Rear
Inner stud spacers	2.0 mm
Outer stud location	A - Inside
Outer stud spacers	4.0 mm
Differential height	High
Downstop	5.8 mm
Hubs	0 deg Hard
RF mount inserts	0.5 up and out
RF mounts	Kit
RF/RR mount position	Inside
Ride height	5.4 mm
RR mount	Kit
RR mount inserts	0.5 up
SHOCKS	
Arm mount spacers	1.0 mm
Arm mounting hole	A - Top
Tower mount spacers	2.0 mm
Tower mounting hole	1 - Inside
Tower	ULP Graphite
Track: wheel hexes	+0mm
Wheelbase: arm spacers	1.0 mm

SHOCKS

	FRONT	REAR
Oil weight	37.5 wt	37.5 wt
Pistons	ULP Progressive Shock System	4 x 1.1mm
Rebound	0 %	0 %
Shock type	Ultra low-profile	Ultra low-profile
Springs	2.5-2.8	2.6
Shock oil brand	AXON	

NOTES Stroke 8.5mm
Axon Shock Blader V2 FLEX

DIFFERENTIALS

	FRONT	REAR
Diff mass	9.4 g	9.40 g
Diff fluid	–	7,000 cst
Diff fluid brand	AXON	
Rear diff gears	Kit	

NOTES AXON Gear Diff grease

DRIVETRAIN

Belt - front	Standard
Belt - rear	Standard
Drive ratio - final	5.646
Drive ratio - internal	1.9
Driveshaft adapters - front	Composite
Driveshaft adapters - rear	Aluminum
Driveshafts - front	ECS 52mm
Driveshafts - rear	Aluminum 50mm
Front drive type	Solid axle
Pinion	35 teeth
Spur	104 teeth

NOTES TAMIYA FLORINE COAT On Pulley TIRE 4000RPM

BODY & CHASSIS

Battery holder	Alum Adjustable
Battery position	Front
Body	Britty Venom
Body mounts - front	+0mm
Body mounts - front eccentric	+0mm
Body mounts - rear	+0mm
Body position	Middle
Bumper	Wide and hard
Bumper holder - upper	Composite
Chassis	Allumunium Extra Flex
Chassis brace	Brass 15g
Chassis brace screws	Stiff (all except outside)
Rear wing	Britty Venom
Servo position	Standard
Top deck	1.6mm Graphite
Top deck flex	Bearing - medium
Top deck spacers	0 mm
Weight balance (F/R)	51 / 49
Weight: total	1350 g
Weights	Front: 0 / Front left: 10/ Front right: 10 / Battery: 55g / Rear left: 0g / Rear right: 5g Servo mount : 5g
Wheelbase	Base mm

NOTES 100g minimum weight

TIRES

	FRONT	REAR
Tire additive	NA	NA
Tire brand / type	Rush 28 Carpet USGT	Rush 28 Carpet USGT
Tire compound	Carpet 28 USGT	Carpet 28 USGT
Tire insert	RUSH USGT	RUSH USGT
Tire prep	NA	NA
Wheel brand / type	RUSH USGT CONTROL TIRE	RUSH USGT CONTROL TIRE

ESC SETTINGS

BRAKE

Drag	5 %
Initial strength	75 %
Race mode	Stock/Blinky

THROTTLE

Neutral range	6 %
Strength	9

ELECTRONICS

Battery brand	Sunpadow
Battery C rating	140/70
Battery capacity	6100 mAh
Battery model	SLGC
ESC brand	Hobbywing
ESC model	Xerun XR10 Juststock G3
ESC settings	Drag 5 Brake 75 Neutral 6 BEC 6V Punch 9 Protec Disable
Motor brand	Hobbywing
Motor Kv constant	Juststock Kv
Motor model	Juststock 17.5T
Motor timing	FTM degrees
Motor wind	17.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	100 %
Radio EPA throttle	100 %
Radio model	M-17
Receiver brand	Sanwa/Airtronics
Receiver model	RX492
Steering servo brand	Sanwa/Airtronics
Steering servo model	PSG CL2
Transponder ID	8610499