ARRMA Typhon TLR-Tuned

Setup: Track-TLR Race Typhon 4S · Gregory Helin · Jul 28, 2024

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EVENT

Event	Practice

TRACK

Track	S&S Hobbies and Raceway Tampa
Type	Indoor hard-packed
Grip / moisture	Low / Dry
Surface / layout	Smooth / Medium
Air temp	80°F (27°C)
Track temp	75°F (24°C)

FRONT SUSPENSION

Ackermann: inner steering link location	1 - Front
Anti-roll bar	2.4mm
Bumpsteer: outer steering link ball	Downward
Camber: upper arm pillow ball shims	1.5
Caster, active: upper arm front mounts	+0.75 deg - no dots
Caster: upper arm shims - F/R	2 / 2 mm
FF mount inserts	0 center
FR mount inserts	0 center
Roll center: upper arm mounts	Inside center
Shocks: tower mounting hole	3 - Middle
TRACK	
Lower arm pillow ball shims	1.5 mm
Wheel hexes	+0 mm

ELECTRONICS

Battery brand	Zee, YooWoo Graphene, HRB Graphene, Spektrum
Battery C rating	50C, 100C, 120C
Battery capacity (mAh)	3000mah-6200mah
ESC brand	Hobbywing
ESC model	Xerun XR8 Pro G3
Motor brand	Hobbywing
Motor Kv constant	1900kv
Motor model	Xerun 4268-1900kv Pro G3
Radio brand	Spektrum
Radio model	DX5C Sport
Receiver brand	Spektrum
Receiver model	Sr315
Steering servo brand	Power HD
Steering servo model	579mg Brushless HV

NOTES 1.5-2.0 amps

REAR SUSPENSION

Anti-roll bar	2.7mm
CAMBER LINK	
Inner stud location	4 - Inside bottom
Outer stud location	1 - Inside top
RF mount inserts	0 center
RR mount inserts	0 center
Shocks: tower mounting hole	3 - Middle
Track: wheel hexes	+0 mm
Wheelbase: hub spacers - F/R	2 / 2 mm

DRIVETRAIN

Drive ratio - internal	3.3
Spur	50 teeth

NOTES Both center-Titanium, all 4 corners-Titanium

BODY & CHASSIS

Body	Kit (#406106/162/164)
Chassis brace - front	Hot Racing Aluminum
Chassis brace - rear	HD
Rear wing	Adjustable
Rear wing gurney	Small
Rear wing position	Rearward / Low
Screws & turnbuckles	Titanium screws all around. Hot Racing front turnbuckle. Stock rear turnbuckle.
Weight: total	3220g w/o battery, 3630g wet ready to race. g
Weights	None

SHOCKS

	FRONT	REAR
Oil weight	42.5 wt	42.5 wt
Pistons	4x1.4mm tapered	8x1.2mm tapered
Shock type	Arrma stock TLR	Arrma stock TLR
Springs	70mm Med-Hard	84mm Med

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	5,000 cst
Diff fluid mass	2.0 g	2.0 g

Center diff fluid	10,000 cst
Center diff fluid mass	2.0 g
Diff fluid brand	Team Associated

NOTES Stock front and rear diff's, Center diff upgraded to the Arrma red metal diff.

TIRES

	FRONT	REAR
Tire brand / type	Raw Speed	Raw Speed
Tire compound	Soft rubber slicks	Soft rubber slicks
Tire insert	Foam	Foam
Wheel brand / type	Raw Speed	Raw Speed

ESC SETTINGS

Boost: Activation	Activated only at full throttle.
Brake: Strength	Low to medium
Throttle: Initial strength	75%
TURBO	
Delay	3 seconds
Timing	15 deg degrees