Xpress ARROW AT1

Setup: Forest of Dean - 17.5t - better mid corner grip · Mark Raddenbury (Speedrc.co.uk) · Jun 14, 2023

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Club night
Class	17.5t Blinky TC

TRACK	
Track	Forest Raceway
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Tight

RESULTS	
Best lap	7.32 s
Average lap	7.46 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	1 - Outside
Servo saver inserts	8 mm
Anti-roll bar	1.3 mm
Arms	Medium
Bump steer: outer steering link shims	4 mm
C-Hubs	Medium
Camber	-2 degrees
Camber link plate	38 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	2.5 mm
Outer shims	1 mm
Downstop	5.6 mm
FF mount	Aluminum
FF mount inserts	0 center
FF mount shims	0 mm
FR mount	Split aluminum
FR mount inserts	0 center
FR mount shims	0 mm
Ride height	5 mm
Servo saver stud shims	2 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	2 mm
Steering blocks	Hard
Toe	-1 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	1 / 1 mm

ELECTRONICS

Battery brand	Ludicrous lipo
Battery capacity	6000 mAh
ESC brand	Hobbywing
ESC model	G2 Pro
Motor brand	Surpass
Motor timing	50 degrees
Motor wind	17.5 turns
Steering servo brand	Savox

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	Medium
Camber	-2 degrees
Camber link plate	40 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	3 mm
Outer location	Inside
Outer shims	1 mm
Downstop	4.6 mm
Hubs	Hard
RF mount	Aluminum
RF mount inserts	0.5 out
RF mount shims	0 mm
Ride height	5.2 mm
RR mount	Split aluminum
RR mount inserts	0.5 up
RR mount shims	0 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	2 mm
Toe	3 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	5 / 2 mm

BODY & CHASSIS

Battery position	Standard
Body	Bittydesign Eptron
Body mounting	2mm forward
FLEX	
Chassis	2.25mm Graphite
Upper deck	2mm Graphite
Weight: total	1344 g

NOTES Rear top deck cut and raised all round on 2mm shims instead of carbon plates.

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	Yes	Yes
Oil weight	400 cst	400 cst
Pistons	2-hole	2-hole
Rebound	0 %	0 %
Springs	2.5-2.8	2.6
Stroke	10.1 mm	10.1 mm
Shock oil brand	RC race prep	

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	3,000 cst
Diff fluid mass	–	1.1 g
Diff fluid brand	RC race prep	

DRIVETRAIN

Drive ratio - final	5.67
Drive ratio - internal	2.353
Driveshafts - front	Universal Double Joint
Driveshafts - rear	41mm Universal
Front drive type	Spool
Gear pitch	48
Pinion	29 teeth
Spur	70 teeth

TIRES

	FRONT	REAR
Tire additive area	In, Mid-in, Mid-out, Out	In, Mid-in, Mid-out, Out
Tire compound	28	28
Tire brand / type	–	Volante
Tire additive	Spider Grip Blue	

ESC SETTINGS

BRAKE	
Drag	5 %
Frequency	2 kHz
Initial strength	Drag %
Strength	87.5
THROTTLE	
Frequency	8 kHz
Neutral range	8 %
Strength	2