Xpress ARROW AT1

Setup: Forest of Dean - 17.5t - tight track, medium grip · Mark Raddenbury (Speedrc.co.uk) · Jun 6, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

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	7.42 s
Average lap	7.52 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	3 mm
C-Hubs	Medium
Camber	-2 degrees
Camber link plate	46 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	3 mm
Outer shims	1 mm
Downstop	5.6 mm
FF mount	Aluminum
FF mount inserts	0.5 up
FF mount shims	0 mm
FR mount	Split aluminum
FR mount inserts	0.5 up
FR mount shims	0 mm
Ride height	5 mm
Servo saver stud shims	3 mm
SHOCKS	
Arm mount shims	0.5 mm
Tower mount shims	3 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	G3

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms	Medium
Camber	-2 degrees
Camber link plate	42 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	2 mm
Outer location	Inside
Outer shims	1 mm
Downstop	4.6 mm
Hubs	Hard
RF mount	Aluminum
RF mount inserts	1 up
RF mount shims	0 mm
Ride height	5.2 mm
RR mount	Split aluminum
RR mount inserts	1 up
RR mount shims	0 mm
SHOCKS	
Arm mount shims	1.5 mm
Tower mount shims	2 mm
Toe	3 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	2 / 5 mm

BODY & CHASSIS

Battery position	Standard
Body	Bittydesign Eptron
Body mounting	2mm forward
FLEX	
Chassis	2.25mm Graphite
Upper deck	2mm Graphite
Weight: total	1325 g

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	Yes	Yes
Oil weight	450 cst	450 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	–	4,000 cst
Diff fluid mass	–	1.1 g

Diff fluid brand: RC race prep

DRIVETRAIN

Drive ratio - final	5.46
Drive ratio - internal	2.353
Driveshafts - front	Universal Double Joint
Driveshafts - rear	41mm Universal
Front drive type	Spool
Gear pitch	48
Pinion	31 teeth
Spur	72 teeth

TIRES

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

Tire additive: Spider Grip Blue