Xpress ARROW AT1

Setup: Mendip Base - Modified 5t · Mark Raddenbury (Speedrc.co.uk) · Feb 20, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT

Event	Tamiya Takeover + Guests
Class	Modified

TRACK

Track	Mendip
Type	Outdoor asphalt
Grip / moisture	Low/Medium / Dry
Surface / layout	Bumpy/Medium / Open/Medium

RESULTS

Race type	Main
Finish	1st
Best lap	18.85 s
Average lap	19.58 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	1 mm
Outer shims	1 mm
Downstop	5.2 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	5.5 mm
Servo saver stud shims	2 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	4 mm
Steering blocks	Medium
Toe	-1 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	1 / 1 mm

ELECTRONICS

Battery brand	LRP
Battery C rating	120 C
Battery capacity	5000 mAh
ESC brand	Hobbywing
ESC model	G2 Pro
Motor brand	Hobbywing
Motor model	G3
Motor timing	20 degrees
Motor wind	5 turns

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms	Medium
Camber	-1.5 degrees
Camber link plate	40 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	2 mm
Outer location	Inside
Outer shims	1 mm
Downstop	4.6 mm
Hubs	Medium
RF mount	Aluminum
RF mount inserts	0.5 out
RF mount shims	0 mm
Ride height	5.5 mm
RR mount	Split aluminum
RR mount inserts	0.5 up and out
RR mount shims	0 mm
SHOCKS	
Arm mount shims	2 mm
Tower mount shims	3 mm
Toe	3 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	3/3 mm

BODY & CHASSIS

Battery position	Standard
Body	Wolverine
FLEX	
Chassis	2.25mm Graphite
Upper deck	2mm Graphite
Screws & turnbuckles	Alloy screws lower.
Weight: total	1235 g

ESC SETTINGS

BOOST	
Activation	RPM
RPM End	22000 rpm
RPM Start	12000 rpm
Timing	20 degrees
BRAKE	
Drag	15 %
Frequency	2 kHz
Strength	75
Throttle: Frequency	12 kHz
TURBO	
Activation method	Auto
Delay	0.2 seconds
Ramp	12
Timing	20 degrees

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	Yes	No
Oil weight	500 cst	500 cst
Pistons	2-hole	2-hole
Rebound	0 %	0 %
Springs	2.2-2.9	2.1
Stroke	10.5 mm	10.5 mm
Shock oil brand	Speedwurx	

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	12,000 cst
Diff fluid mass	–	1.1 g
Diff fluid brand	SWORKz	

DRIVETRAIN

Drive ratio - final	7.59
Drive ratio - internal	2.353
Driveshafts - front	Universal Double Joint
Driveshafts - rear	41mm Universal
Front drive type	Spool
Gear pitch	48
Pinion	24 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	Sweep	Sweep
Tire compound	34	34
Tire additive	Spider Grip Blue	
Tire prep	Cleaned with additive after run. Wiped off. Additive 20mins before race. Warmers on for whole time at 60°	