Xpress Arrow AT1S

Setup: FoD - Base (tight track/carpet) · Mark Raddenbury (Speedrc.co.uk) · Dec 27, 2022

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT

Event	Club night - 13/12/22
Class	17.5t blinky

TRACK

Track	Forest of Dean
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Tight
Air temp	15°C (59°F)
Track temp	15°C (59°F)

RESULTS

Race type	Main
Race number	1
Finish	2nd
Best lap	7.11 s
Average lap	7.18 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	1 - Outside
Servo saver inserts	Kit 0 mm
Arms	Medium
Bump steer: outer steering link shims	3 mm
C-Hubs	Medium
Camber	-2 degrees
CAMBER LINK	
Inner shims	2 mm
Outer shims	1 mm
Downstop	5.8 mm
FF mount	Composite
FR mount	Split composite
Ride height	5 mm
Servo saver stud shims	0 mm
SHOCKS	
Arm mount shims	0 mm
Tower mounting hole	2 - Mid-in
Steering blocks	Medium
Toe	+0.5 degrees
Tower	FRP
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	0 / 0 mm

TIRES

	FRONT	REAR
Tire additive area	In, Mid-in, Mid-out, Out	In, Mid-in, Mid-out, Out

REAR SUSPENSION

Arms	Medium
Camber	-1.5 degrees
CAMBER LINK	
Inner shims	2 mm
Outer location	Inside
Outer shims	1 mm
Downstop	5.2 mm
Hubs	Medium
RF mount	Split composite
Ride height	5 mm
RR mount	Composite
SHOCKS	
Arm mount shims	0 mm
Tower mounting hole	2
Toe	3 degrees
Tower	FRP
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	2 / 4 mm

BODY & CHASSIS

Battery position	Standard
Body	Racer2
Body mounting	Neutral
FLEX	
Chassis	2.5mm FRP
Upper deck	2mm FRP
Upper deck stiffeners	Middle - Composite
Rear wing	Kit
Weight balance - F/R	52 / 48
Weight: total	1330 g

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	Yes	Yes
Oil weight	450 cst	450 cst
Pistons	3-hole	3-hole
Rebound	0 %	0 %
Springs	2.5-2.8 Xray	2.6 Xray
Stroke	10.5 mm	10.5 mm
Shock oil brand	Rcraceprep	

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	15,000 cst
Diff fluid mass	–	1.1 g
Diff fluid brand	SWORKz	

DRIVETRAIN

Drive ratio - final	5.53
Drive ratio - internal	2.353
Driveshafts - front	Universal Double Joint
Driveshafts - rear	41mm Universal AT1S
Front drive type	Spool
Gear pitch	48
Pinion	32 teeth
Spur	70 teeth

ELECTRONICS

ESC brand	Hobbywing
Motor brand	Surpass
Motor wind	17.5 turns
Radio brand	Futaba
Steering servo brand	Turnigy