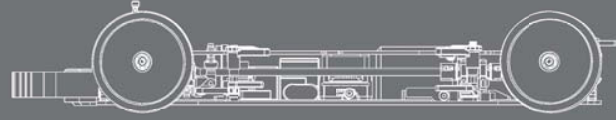


# XPRESS

## ARROW AT1 Set-Up Sheet



Driver Tony McMahon Track Surface Indoor / Outdoor / Asphalt / Carpet Track Temperature 5-15c  
 Date 21st May 2023 Track Traction Low Result 5th Air Temperature 16c  
 Track Newcastle NSW Country Australia Best Lap 13.5 Humidity 0 Remark Freezing & bumpy

<b>Front</b> N = Normal <input type="checkbox"/> N <input checked="" type="checkbox"/> H H = Hard Suspension Arm <input type="checkbox"/> N <input checked="" type="checkbox"/> H C-Hub <input type="checkbox"/> N <input checked="" type="checkbox"/> H Steering Block <input type="checkbox"/> N <input checked="" type="checkbox"/> H	<b>Steering Block</b> N = Normal <input type="checkbox"/> N <input checked="" type="checkbox"/> H H = Hard	<b>Rear</b> N = Normal <input type="checkbox"/> N <input checked="" type="checkbox"/> H H = Hard	<b>Optional</b> On-Power Control System
Camber Link Item No: XP:	Hex Offset <u>5 mm</u> Camber <u>2°</u> Ride Height <u>5.8 mm</u> DownStop <u>5.4 mm</u> Sway Bar <u>1.3 mm</u>	Camber Link Item No: XP:	Hex Offset _____ mm Camber _____ Ride Height _____ mm DownStop _____ mm Sway Bar _____ mm Steering Block <input type="checkbox"/> M <input type="checkbox"/> H Suspension Arm <input type="checkbox"/> M <input type="checkbox"/> H

Front Toe <u>1.5°</u> Lower Arm Shim <u>0 mm</u> Wheelbase Shim FF <u>1 mm</u> FR <u>1 mm</u>	Front Tire Additive Area <input checked="" type="checkbox"/> Bump Steering Shim <u>3 mm</u> Inserts <u>8 mm</u> Shim <u>1 mm</u>	Rear Toe In <u>3°</u> Lower Arm Shim <u>2 mm</u> Wheelbase Shim RF <u>3 mm</u> RR <u>4 mm</u>	Rear Tire Additive Area <input checked="" type="checkbox"/> Standard Battery <input type="checkbox"/> Short Battery (Forward Position) <input checked="" type="checkbox"/> Short Battery (Backward Position) <input type="checkbox"/>
---	---	---	--

<b>Suspension Mo Setup</b> FF <input checked="" type="checkbox"/> I <input type="checkbox"/> Aluminium <input type="checkbox"/> Spilt <input type="checkbox"/> 0.5 <input type="checkbox"/> Brass <input type="checkbox"/> Solid Mount Spacer <u>none mm</u>	FR <input checked="" type="checkbox"/> I <input type="checkbox"/> Aluminium <input type="checkbox"/> Spilt <input type="checkbox"/> 0.5 <input type="checkbox"/> Brass <input type="checkbox"/> Solid Mount Spacer <u>none mm</u>	RF <input checked="" type="checkbox"/> I <input type="checkbox"/> Aluminium <input type="checkbox"/> Spilt <input type="checkbox"/> 0.5 <input type="checkbox"/> Brass <input type="checkbox"/> Solid Mount Spacer <u>none mm</u>	RR <input checked="" type="checkbox"/> I <input type="checkbox"/> Aluminium <input type="checkbox"/> Spilt <input type="checkbox"/> 0.5 <input type="checkbox"/> Brass <input type="checkbox"/> Solid Mount Spacer <u>none mm</u>
--	--	--	--

**Flex Control**

Upper Deck Thick stock mm

Graphite Chassis  Aluminum Chassis  
 Upper Deck Stiffener (Plastic)  Upper Deck Stiffener (Aluminum)

**Damper Setup**

Foam Insert <input type="checkbox"/>	Hole In Cap <input checked="" type="checkbox"/>	Foam Insert <input type="checkbox"/>	Hole In Cap <input checked="" type="checkbox"/>
<u>2.7 xray</u>	Spring	<u>2.6 xray</u>	
<u>400</u>	Oil	<u>400</u>	
<u>0</u>	Rebound	<u>0</u>	
<u>4</u>	Piston	<u>4</u>	
<u>10</u>	Length	<u>10</u>	

**Transmission Setup**

Front spool Diff. \_\_\_\_\_ Rear \_\_\_\_\_  
 / 9 Oil 5000 / 1.1g

Bevel Gear \_\_\_\_\_  
 Spur 64 p/ 94 T Pinon 64 p/ 32 T

Final Drive Ratio 7.0 : 1

Formula  
 Final Drive Ratio =  $\left(\frac{\text{Spur}}{\text{Pinon}} \times \text{Internal Ratio}\right) : 1$

**Others**

Servo SRT Tires Solaris  
 Esc \_\_\_\_\_ HW \_\_\_\_\_  
 Motor HW 5T  
 Additive RC MAKER  
 Body Twister OG 3mm FWD  
 Rear Wing Speciale Wing

**Remark**

- Shimmed rear diff up 1mm
- 20g but steering rack
- Cut rear of top deck for more rear traction
- No motor mount screws on rear section
- Used screw in carbon spline to servo mount (much more corner speed)
- Shorty lipo mounted forward
- Motor shimmed 5mm forward