

# OnPoint Racing OP12C

Driver: Robert Krens

Location: Mach Heemstede Indoor

Event: CW #6 - 2012 FL: 9,451 50R in 8:02 Q: 1st F: 1st

Date: 11-03-2012

## Track Conditions

Composition: ☐ Asphalt ☒ Carpet Other: \_\_\_\_\_ Surface: Smooth ☐ ☒ ☐ ☐ Bumpy \_\_\_\_\_  
Traction: Low ☐ ☒ ☒ ☐ ☐ High Layout: ☐ Open ☒ Both ☐ Tight ☒ Indoor ☐ Outdoor

## Front End

Associated Serpent  
Arms mount 0° ☒ 10° 0° 3° 6° 10°  
Susp. arm insert Narrow / Mid / Wide  
Caster spacer 1.80° 3.75° 6.15° Front / Med / Back  
Roll centre: 3mm longer top arm ☐ Inside ☐ Outside  
Shims on top king pin: 3 on top + 2 on steering block  
Front spring: 0,18  
Front caster: 3,25  
Front camber: °2,5  
Toe angle: °0,5 out  
Bump steer shim: 2mm  
Droop: 0,5mm  
King pin lube: none  
Front car width: 165mm  
Ride height: 3,4mm

Notes:

*No front end brace. Playing with front end width and top arm roll center to smoothen out the car to gain more cornerspeed.*

## Front tires

Brand & compound: Mobgum - Magenta  
Diameter: 40mm  
Tire treatment: Speedtech RC  
Time & surface: 15 min - 50%

## Rear End

Shock brand: HotBodies Piston: Stock  
Shock oil: Associated 30WT  
Centre spring: AE Gold Preload: 4,6mm  
Shock position – Front: ☐ Low ☒ High Straight tower  
Shock position – Rear: 2mm shim - total 7mm  
Damper tube lube: 15000  
Side spring: Black Preload: 0,7mm  
Rear car width: 172mm  
Ride height: 3,6mm  
Roll centre: 0.5mm shims  
Pod droop: 1,3mm  
Battery position: ☒ Left ☐ Right double sided tape under batt  
Plug position: ☐ Front ☒ Back Batt placed against servo  
Notes:

*Motor spaced out with 1mm shims. 15000 lube, center shock top hole and black side springs makes car faster, more rotation and thus more steering.*

## Rear tires

Brand & compound: Mobgum - Magenta  
Diameter: 41  
Tire treatment: Speedtech RC  
Time & surface: 30 min - 100%

## Body & Electronics

Body: Protoform AMR  
Body position: Straight - front wheel in front wheel cut outs  
Wing / Spoiler: ☐ Yes ☒ No \_\_\_\_\_  
Receiver: Sanwa RX451R  
Servo: Sanwa 94819

Batteries: Team Orion 90c 6400 Mah  
Motor: LRP X12 13,5T Rotor: Stock  
Pinion: 31 Spur: 88 Rollout: 45.375  
ESC: Tekin RS Pro - Turbo: 43 Boost: 10 Ramp: 3  
ESC Settings: Start RPM: 2721 End RPM: 10001 Delay: 0,44

## Comments

*With LRP X11 4.0T Car also feels good. Rollout then: 38mm  
Black Art BA002 Gives a bit more rotation but feels less stable.  
Ackermann straight*