Team SpeedMerchant

Driver: James Lundberg
Location: RSD Speedway, Houston TX
Event: Practice
Date: 3/15/14

Track Conditions

Composition: Asphalt ☑ Carpet Other: _____ Surface: Smooth ☐ ☑ ☐ Bumpy Indoor ☑

Traction: Low ☐ ☐ ☐ ☑ ☐ High Layout: Open ☑ Both Tight Outdoor

Front End

Old Skool ☐ New Skool ☑ Multi links ☐

Upper links position: Front: Outside Middle
Rear: Middle Inside

Roll center cones: Front: Low High Other: mm
Rear: Low High Other: mm

Springs: SM 0.020s ... just a tick of droop (~.25mm?)
Caster: 6° (measured with Slapmaster gauge)
Camber: 1.0° (measured @ wheel)
Toe angle: 0°
Ride height: 3.6mm

Notes:
* New-skool front end.
* SM5025 alum knuckles w/ AE tall ballstuds.
* Green spooge on kingpins.
* Large ackerman sweep.
* Kimbrough Med servo saver. AE short ballstuds in lowest holes on saver.

Front tires

Brand compound: BSR Blue
Diameter: 41.0mm
Front car width: ~170mm, 0.030" on front axle
Traction compound: 1/2 to 3/4 dope
Time & surface: ~6 mins

Rear End / Center

Shock oil: AE 35wt
Center spring: AE Blue
Ball stud - Front: Stock + 1mm, mounted full fwd
- Rear: Stock + 2mm
Preload on center spring: _____
Damper tube lube: Red
Side spring / Preload: 0.020s, ~1.5 turns down
Ride height: 3.8mm rear
Roll center: Low cones
Pod droop: ~1.5mm
Chassis sag: ~1mm
Battery location: Inline
Side links: Molded ☐ Carbon ☑

Notes: * Center ride height @ 3.4mm

* Hot Bodies center shock...

Rear tires

Brand compound: BSR Green
Diameter: 42.0mm
Rear car width: 171.5mm
Traction compound: Full dope
Time & surface: ~12 mins

Body & Electronics

Body: AMR
Body position: Centered
Wing / Spoiler: Yes No

Receiver: _____
Servo: Futaba 9650

Batteries: _____
Motor: _____
Gearing: _____
ESC: _____
ESC Settings: _____

Comments

* New rear pod...

* ~5ft circle

* Track has a number of hairpins/180s... moving to 6deg caster from the usual 3-4deg allowed the car to carry more speed in these turns.

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