# 1RC Late Model 1/18

Setup: 2024 1RC Foam Oval Nationals · George Mari · Jul 14, 2025

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### EVENT

| | |
|---|---|
| Event | Battle in the Basement 2024 |
| Class | Super Late Model |

### TRACK

| | |
|---|---|
| Track | RC Underground WI Foam Oval |
| Type | Indoor hard-packed |
| Grip / moisture | High / Dry |
| Surface / layout | Smooth / Tight |

### RESULTS

| | |
|---|---|
| Race type | Main |
| Race number | A |
| Finish | 3rd |
| Best lap | 2.48 s |
| Average lap | 2.721 s |

## FRONT SUSPENSION

| | |
|---|---|
| LF caster | **+2 degrees** |
| RF caster | **0 degrees** |
| Servo arm hole | **Upper** |
| Servo arm type | **Servo saver** |

**NOTES** Removed stock front suspension springs and placed short springs on front shocks. Changed RF caster to 0 for this race, so that tire “angles” onto the glued outer edge when turning left, in order to fight traction roll. Two shock O-rings on each front axle to space front tires. One O-ring on left kingpin between upper arm and steering block, to move front roll-center a bit higher and to the left, to fight traction roll.

## ELECTRONICS

| | |
|---|---|
| Battery brand/model | **Turnigy** |
| Battery capacity | **300 mAh** |
| Battery cells | **2** |
| Battery type | **LiPo** |
| ESC | **1RC** |
| Motor brand/model | **1RC** |
| Motor Kv constant | **8,700 Kv** |
| Radio | **Flysky GT5** |
| Radio dual-rate | **45 %** |
| Radio EPA brake | **100 %** |
| Radio EPA throttle | **85 %** |
| Receiver | **Flysky GT2E** |
| Servo | **1RC** |
| Transponder ID | **3765** |

**NOTES** Steering exponential 20 pct

## REAR SUSPENSION

| | |
|---|---|
| LR hex offset | **1mm** |
| RR hex offset | **2mm** |

**NOTES** Adjustable radius rod on left rear, 2 turns shorter than stock.

## BODY & CHASSIS

| | |
|---|---|
| Motor heatsink | **Yes** |

## TIRES

| | |
|---|---|
| LF tire compound | **Soft** |
| LR tire compound | **Soft** |
| RF tire compound | **Standard** |
| RR tire compound | **Soft** |
| Wheels | **Space both front wheels with 2 O-rings on front axle, between steering block and wheel, to fight traction roll.** |

**NOTES** 1/8-inch wide strip of super glue on outer edge of right front tire. Also super glue on entire outside face of both front tires. Also super glue on entire outside sidewall of both rear tires, but none on rear tread, to help fight traction roll. RR tire is older and bulges in center of tread, resulting in larger diameter. This gives a tire stagger effect, especially on throttle coming off the turn.

## SHOCKS

| | |
|---|---|
| LF body | **Plastic** |
| LF grease | **AE Greenn Slime** |
| LF o-ring | **Clear** |
| LF pre-load | **1 mm** |
| LF spring | **Short Medium** |
| LF stroke | **6.35 mm** |
| LR body | **Plastic** |
| LR grease | **AE Green Slime** |
| LR o-ring | **Clear** |
| LR pre-load | **1 mm** |
| LR spring | **Short Hard** |
| LR stroke | **6.35 mm** |
| RF body | **Plastic** |
| RF grease | **AE Green Slime** |
| RF o-ring | **Clear** |
| RF pre-load | **2 mm** |
| RF spring | **Short Hard** |
| RF stroke | **6.35 mm** |
| RR body | **Plastic** |
| RR grease | **AE Green Slime** |
| RR o-ring | **Clear** |
| RR pre-load | **1 mm** |
| RR spring | **Short Medium** |
| RR stroke | **6.35 mm** |
| Shock caps | **Drilled** |
| Shock oil brand | **Team Associated** |

## ESC SETTINGS

| | |
|---|---|
| **BRAKE** | |
| Drag force | **20 %** |
| Initial force | **0 %** |
| Max force | **50 %** |
| Low voltage cut-off | **Disabled** |
| Max reverse force | **50 %** |
| Neutral range | **9 %** |
| Overheat warning | **Enabled** |
| Running mode | **FWD / Brake** |
| Start mode / punch level | **9** |
| Timing | **11.25 degrees** |