1RC Late Model 1/18

Setup: 2024 Holiday Havoc · George Mari · Jul 14, 2025

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EVENT

Event	2024 Holiday Havoc
Class	Dirt Late Model

TRACK

Track	RC Underground WI Foam Road Course
Type	Indoor rcp foam
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight/Medium

RESULTS

Race type	Main
Race number	A
Finish	1st

FRONT SUSPENSION

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

NOTES Removed stock front suspension springs and placed short springs on front shocks.

ELECTRONICS

Battery brand/model	**Turnigy**
Battery C rating	**90 C**
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	**100 %**
Receiver	**Flysky GT2E**
Servo	**1RC**
Transponder ID	**3269258**

NOTES Peak LiPo pack just before the race starts.

NOTES Steering exponential 50 pct

REAR SUSPENSION

LR hex offset	**0 mm**
RR hex offset	**0 mm**

BODY & CHASSIS

Motor heatsink	**Yes**

TIRES

LF tire compound	**Standard**
LR tire compound	**Standard**
RF tire compound	**Standard**
RR tire compound	**Standard**

NOTES 5/32-inch wide strip of super glue on outer edge of all tires. (Half of first double-row of tread blocks.)

ESC SETTINGS

BRAKE

Drag force	**80 %**
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	**7.5 degrees**

NOTES On my dirt late model, I had tried to program 80% drag brake into the ESC, and I did, but it wasn't working, and I couldn't figure out why. I had been using profile 3 on my transmitter, set for the road course from last year, and no drag brake. At home, just to troubleshoot, I tried resetting the ESC, but that didn't help. I then tried switching to to profile 1 on the transmitter, and then the drag brake was working again. Why? The throttle trim on profile 1 was Forward 15, but on profile 3 it was only 1. Changing the trim to F 15 fixed the drag brake on profile 3. Make sure the throttle trim is adjusted to neutral - all lights on the ESC go out.
Symptoms of incorrect neutral - drag brake won't work, reverse hard to engage.

SHOCKS

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