Custom Works Outlaw 4

Setup: High Grip Setup · Aaron Mull (Team Power Products) · Mar 22, 2026

so dialed
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EVENT	
Event	Killing for a Schilling
Class	13.5 sprint

TRACK	
Track	DD2 indoor oval
Type	Indoor clay
Grip / moisture	High/Medium / Wet/Dusty
Surface / layout	Smooth / Tight
Air temp	65°F (18°C)
Track temp	65°F (18°C)

RESULTS	
Race type	Practice
Best lap	4.096 s
Average lap	4.654 s

FRONT SUSPENSION

Ackermann: outer steering link hole	L Outer · R Inner
Camber	L -1 · R +1
CAMBER LINK	
Inner link location	Inside top
Outer link location	L Kingpin · R Kinpin
Caster	-5
Kick-up	30 degrees
Max chassis height	24 mm
Ride height	L 16 · R 17 mm
SHOCKS	
Arm mounting hole	In
Tower mounting hole	Outside Mid-top
Toe	-0.5 degrees
Trail: steering block	Std / Std
Wheelbase: hub carrier shims	Shims in front

NOTES Kick-Ups brought to inner location

BODY & CHASSIS

Battery position	Middle
Body	Eldora
Front wing	Large
Nose	Scoop
Top wing	7x7
Top wing height	High
Top wing location	D5
WEIGHT	
Cross	48 %
Left	52 %
Rear	57 %
Total	65.9 oz
Weights	14oz on LF corner of chassis and 14oz on RR corner of chassis

REAR SUSPENSION

Anti-squat	L +1.5 · R +1.5 (Pro-Squat)
Axle height: hub pin location	Upper
Camber	L +.5 · R -1
CAMBER LINK	
Inner link location	Inner Bottom
Outer link location	In
Outer link shims	0
Max chassis height	28 / 28 mm
Ride height	L 18 · R 19 mm
SHOCKS	
Arm mounting hole	In
Tower mounting hole	Out/Middle-top // Out/Middle-top
Toe	L +6 (+6) · R 0
Track: wheel hexes	7 / 5.5
WHEELBASE	
Arm shims	0
Hub shims	4
Suspension mount	Long

NOTES Bellcranks to replace rear camber standoffs or CW5 camberlink mount

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Ellipse	JConcepts Ellipse
Tire compound	L SS · R Green	L SS · R Green
Tire insert	Red	Red
Wheel brand / type	DE Racing	DE Racing
Tire prep	Cleaned with simple green and water wash Light layer of SXT brushed in only on slicks	

SHOCKS

	FRONT	REAR
Bodies	L	L
Cups	Std	Std
Oil weight	30	35
Pistons	L	L
Pre-load	2.8mm / 2.9mm	5.9mm / 6.4mm
Shaft length	L	L
Shock length	88mm	90mm
Springs	#4	#5
Shock oil brand	Team Losi	

NOTES Measured from top to bottom

DRIVETRAIN

Differential fluid	N/A cst
Differential type	Ball
Drive ratio - final	24-8.78 25-8.42 26-8.1
Drive ratio - internal	2.61
Drive type	Slipper
Pinion	26 teeth
Spur	81 teeth

NOTES *Try out a 26 and 24 Pinion to help the car not break loose on exit so easily and have a faster top speed

ELECTRONICS

Battery brand	**Fantom**
Battery C rating	**130c**
Battery capacity	**4800 mAh**
Battery model	**3.0**
ESC brand	**Hobbywing**
ESC model	**Pro 160 amp**
Motor brand	**Fantom**
Motor Kv constant	**36000 Kv**
Motor model	**Helix**
Motor timing	**42 degrees**
Motor wind	**13.5 turns**
Radio brand	**FlySky**
Radio EPA steering	**L36/R45 %**
Radio EPA throttle	**B40/F101 %**
Radio model	**Nobel NB4**
Receiver brand	**FlySky**
Receiver model	**FGr4S**
Servo brand	**NitroPro**
Servo model	**FKN500**
Transponder ID	**8027831**

NOTES Charged to 4.6 Volts

NOTES Steering Sub Trim: R70, Throttle Sub Trim: F25, Steering Expo: -30, Throttle Expo: -20, Brake Expo: -20, Channel Speed Steering: .1 for both, Throttle Curve 4: 30

ESC SETTINGS

BOOST

Activation	**RPM**
RPM End	**29,000 rpm**
RPM Start	**15,000 rpm**
Timing	**25 degrees**

BRAKE

Curve	**Linear**
Drag	**0 %**
Frequency	**4 kHz**
Initial strength	**Drag Brake %**
Strength	**100**
Race mode	**Forward with Brake**

THROTTLE

Curve	**Linear**
Frequency	**16 kHz**
Neutral range	**6 %**
Strength	**25**

TURBO

Delay	**Instant seconds**
Ramp	**18 degrees/.1 seconds**
Timing	**3 degrees**