

Driver: Ryan Maifield
 Event: S.I.C
 Date: January 2024
 Track & Surface: Large/rough/dusty
 Ambient Temperature: 40 F.
 Vehicle: Tekno EB48 2.1

Battery: Protek 5600
 Firmware Version: XR-3.1.01
 Motor: 2200
 Endbell Timing: 30
 Rotor: STD.
 Final Ratio: _____



| | | |
|--------------------|---------------------------------------|---|
| Data Record | Max. ESC Temperature: <u>107.6 F</u> | Note: <u>Pinion/spur 14/46</u> <u>Diff's Reversed from Tekno Manual, thats why CW is Used</u> <u>Brake EPA in radio around 80</u> <u>If too fast on Top end Turn down throttle EPA</u> |
| | Max. Motor Temperature: <u>201.2F</u> | |
| | Min. Battery Voltage: <u>12.0V</u> | |
| | Max. Motor RPM: <u>41911</u> | |

| Type | Item | Value | | | | | | | | | | |
|-------------------------|---|----------------------------------|--|------------------------------|---------|----|----|----|----|----|----|---------|
| General Setting | Running Mode | Fwd/Brk | Fwd/Rev/Brk | Fwd/Rev | | | | | | | | |
| | Reverse Force | 25% | 50% | 75% | 100% | | | | | | | |
| | LiPo Cells | Auto | 2 Cells | 3 Cells | 4 Cells | | | | | | | |
| | Cutoff Voltage | Disabled | Auto | _____ (5.0-13.6V Adjustable) | | | | | | | | |
| | ESC Thermal Protection | Disabled | Enabled | | | | | | | | | |
| | Motor Thermal Protection | Disabled | Enabled | | | | | | | | | |
| | BEC Voltage | 6.0V | 7.4V | | | | | | | | | |
| | Smart Fan | Disabled | Enabled | | | | | | | | | |
| | Sensor Mode | Full Sensored | | Sensored/Sensorless Hybrid | | | | | | | | |
| | Motor Rotation | CCW | CW | | | | | | | | | |
| | Phase-AC Swap | Disabled | Enabled | | | | | | | | | |
| Throttle Control | Throttle Rate Control | <u>25</u> (1-30 Adjustable) | | | | | | | | | | |
| | Throttle Curve | Linear | Customize | | | | | | | | | |
| | Neutral Range | <u>6</u> (3%-10% Adjustable) | | | | | | | | | | |
| | Initial Throttle Force | <u>1</u> (1-15 Adjustable) | | | | | | | | | | |
| | Coast | <u>0</u> (0-15 Adjustable) | | | | | | | | | | |
| | Drive Frequency | <u>8</u> (2K-32K Adjustable) | | | | | | | | | | |
| | Softening Value | <u>0</u> (0-30° Adjustable) | | | | | | | | | | |
| | Softening Range | <u>0</u> (0%-75% Adjustable) | | | | | | | | | | |
| | RPM Limit | Unlimited | _____ (10000RPM-88000RPM Adjustable) | | | | | | | | | |
| Brake Control | Drag Brake | <u>0</u> (0%-100% Adjustable) | | | | | | | | | | |
| | Max. Brake Force | <u>60</u> (0%-100% Adjustable) | | | | | | | | | | |
| | Brake Rate Control | <u>5</u> (1-20 Adjustable) | | | | | | | | | | |
| | Brake Control | Traditional | Disc Brake | | | | | | | | | |
| | ABS Force | <u>20</u> (0%-20% Adjustable) | | | | | | | | | | |
| | Disc Brake Curvature | <u>0</u> (-10-10 Adjustable) | | | | | | | | | | |
| | Brake Frequency | 0.5K | <u>2k</u> (1K-16K Adjustable) | | | | | | | | | |
| Timing | Boost Timing | <u>0</u> (0-48° Adjustable) | | | | | | | | | | |
| | Turbo Timing | <u>10</u> (0-48° Adjustable) | | | | | | | | | | |
| | Turbo Delay | Instant | <u>.2</u> (0.05-1.0s Adjustable) | | | | | | | | | |
| | Turbo Increase Rate (deg/0.1sec) | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | Instant |
| | Turbo Decrease Rate (deg/0.1sec) | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | Instant |