



# SETUP SHEET

Driver: \_\_\_\_\_

Track/Event: \_\_\_\_\_

Date: \_\_\_\_\_

Car: \_\_\_\_\_

ESC Firmware: \_\_\_\_\_

Traction:

- ☐ Low  
☐ Medium  
☐ High

Motor: \_\_\_\_\_

Battery: \_\_\_\_\_

Rotor: \_\_\_\_\_

Comments/Results: \_\_\_\_\_

Timing: \_\_\_\_\_

Gearing: \_\_\_\_\_

Settings		1	2	3	4	5	6	7	8	9
1	Running Mode	<input type="checkbox"/> Forward, Brake	<input type="checkbox"/> Forward, Reverse with Brake	<input type="checkbox"/> Forward, Reverse	<input type="checkbox"/> Zero Timing Forward, Brake	<input type="checkbox"/> Zero Timing Forward, Reverse with Brake	<input type="checkbox"/> Zero Timing Forward, Reverse			
2	Drag Brake Force	<input type="checkbox"/> 0%	<input type="checkbox"/> 5%	<input type="checkbox"/> 10%	<input type="checkbox"/> 15%	<input type="checkbox"/> 20%	<input type="checkbox"/> 25%	<input type="checkbox"/> 30%	<input type="checkbox"/> 100%	User Setting: _____ %
3	Low Voltage Cut-Off Threshold	<input type="checkbox"/> No Protection	<input type="checkbox"/> 2.6V/Cell	<input type="checkbox"/> 2.8V/Cell	<input type="checkbox"/> 3.0V/Cell	<input type="checkbox"/> 3.2V/Cell	<input type="checkbox"/> 3.4V/Cell	User Setting: _____ V/Cell		
4	Start Mode(Punch)	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3	<input type="checkbox"/> Level 4	<input type="checkbox"/> Level 5	<input type="checkbox"/> Level 6	<input type="checkbox"/> Level 7	<input type="checkbox"/> Level 8	<input type="checkbox"/> Level 9
5	Max Brake Force	<input type="checkbox"/> 12.50%	<input type="checkbox"/> 25%	<input type="checkbox"/> 37.50%	<input type="checkbox"/> 50%	<input type="checkbox"/> 62.50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 87.50%	<input type="checkbox"/> 100%	
6	Max Reverse Force	<input type="checkbox"/> 25%	<input type="checkbox"/> 50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 100%					
7	Initial Brake Force	<input type="checkbox"/> Drag Brake	<input type="checkbox"/> 0%	<input type="checkbox"/> 20%	<input type="checkbox"/> 40%					
8	Neutral Range	<input type="checkbox"/> 6% (Narrow)	<input type="checkbox"/> 9% (Normal)	<input type="checkbox"/> 12% (Wide)						
9	Over-heat Protection	<input type="checkbox"/> Enable	<input type="checkbox"/> Disable							
10	Boost Timing	<input type="checkbox"/> 0°	User Setting: _____ (0°-16°   1° steps)							
11	Boost Start	<input type="checkbox"/> 5000 RPM	User Setting: _____ (1000-15000 RPM   50RPM steps)							
12	Boost Timing Acceleration	For stock only	User Setting: _____ (50-750RPM/def   50RPM steps)							
13	Turbo Timing	<input type="checkbox"/> 10°	User Setting: _____ (0°-20°   1° steps)							
14	Turbo Slope Rate	<input type="checkbox"/> 3°/0.1s	<input type="checkbox"/> 6°/0.1s	<input type="checkbox"/> 12°/0.1s	<input type="checkbox"/> 18°/0.1s	<input type="checkbox"/> 24°/0.1s	<input type="checkbox"/> Fastest			
15	Turbo Delay	<input type="checkbox"/> 0s/off	<input type="checkbox"/> 0.1s	<input type="checkbox"/> 0.2s	<input type="checkbox"/> 0.3s	<input type="checkbox"/> 0.4s	<input type="checkbox"/> 0.5s	<input type="checkbox"/> 0.6s	<input type="checkbox"/> 0.7s	<input type="checkbox"/> 0.8s



# SETUP SHEET

Driver: Dustin Evans

Track/Event: NorCal R/C Raceway / US Nationals

Date: 8/14/2011

Car: TLR 22

ESC Firmware: V1.07\_110119

Traction:

- ☐ Low  
☐ Medium  
☐ High

Motor: ORI28207 Team Orion 7.5T

Battery: ORI14043 Team Orion

Rotor: Standard

Comments/Results:

2011 National Champion

Timing: -2

Gearing: 21/78

Settings		1	2	3	4	5	6	7	8	9
1	Running Mode	<input checked="" type="checkbox"/> Forward, Brake	<input type="checkbox"/> Forward, Reverse with Brake	<input type="checkbox"/> Forward, Reverse	<input type="checkbox"/> Zero Timing Forward, Brake	<input type="checkbox"/> Zero Timing Forward, Reverse with Brake	<input type="checkbox"/> Zero Timing Forward, Reverse			
2	Drag Brake Force	<input type="checkbox"/> 0%	<input type="checkbox"/> 5%	<input type="checkbox"/> 10%	<input type="checkbox"/> 15%	<input type="checkbox"/> 20%	<input type="checkbox"/> 25%	<input type="checkbox"/> 30%	<input type="checkbox"/> 100%	User Setting: <u>11</u> %
3	Low Voltage Cut-Off Threshold	<input type="checkbox"/> No Protection	<input type="checkbox"/> 2.6V/Cell	<input type="checkbox"/> 2.8V/Cell	<input checked="" type="checkbox"/> 3.0V/Cell	<input type="checkbox"/> 3.2V/Cell	<input type="checkbox"/> 3.4V/Cell	User Setting: V/Cell		
4	Start Mode(Punch)	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input checked="" type="checkbox"/> Level 3	<input type="checkbox"/> Level 4	<input type="checkbox"/> Level 5	<input type="checkbox"/> Level 6	<input type="checkbox"/> Level 7	<input type="checkbox"/> Level 8	<input type="checkbox"/> Level 9
5	Max Brake Force	<input type="checkbox"/> 12.50%	<input type="checkbox"/> 25%	<input type="checkbox"/> 37.50%	<input type="checkbox"/> 50%	<input checked="" type="checkbox"/> 62.50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 87.50%	<input type="checkbox"/> 100%	
6	Max Reverse Force	<input checked="" type="checkbox"/> 25%	<input type="checkbox"/> 50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 100%					
7	Initial Brake Force	<input checked="" type="checkbox"/> Drag Brake	<input type="checkbox"/> 0%	<input type="checkbox"/> 20%	<input type="checkbox"/> 40%					
8	Neutral Range	<input type="checkbox"/> 6% (Narrow)	<input checked="" type="checkbox"/> 9% (Normal)	<input type="checkbox"/> 12% (Wide)						
9	Over-heat Protection	<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Disable							
10	Boost Timing	<input checked="" type="checkbox"/> 0°	User Setting: _____ (0°-16°   1° steps)							
11	Boost Start	<input checked="" type="checkbox"/> 5000 RPM	User Setting: _____ (1000-15000 RPM   50RPM steps)							
12	Boost Timing Acceleration	For stock only	User Setting: _____ (50-750RPM/def   50RPM steps)							
13	Turbo Timing	<input type="checkbox"/> 10°	User Setting: <u>0°</u> (0°-20°   1° steps)							
14	Turbo Slope Rate	<input type="checkbox"/> 3°/0.1s	<input type="checkbox"/> 6°/0.1s	<input type="checkbox"/> 12°/0.1s	<input type="checkbox"/> 18°/0.1s	<input checked="" type="checkbox"/> 24°/0.1s	<input type="checkbox"/> Fastest			
15	Turbo Delay	<input checked="" type="checkbox"/> 0s/off	<input type="checkbox"/> 0.1s	<input type="checkbox"/> 0.2s	<input type="checkbox"/> 0.3s	<input type="checkbox"/> 0.4s	<input type="checkbox"/> 0.5s	<input type="checkbox"/> 0.6s	<input type="checkbox"/> 0.7s	<input type="checkbox"/> 0.8s



# SETUP SHEET

Driver: Jared Tebo

Track/Event: NorCal R/C Raceway / US Nationals

Date: 8/14/2011

Car: Kyosho RT5

ESC Firmware: V1.07\_110119

Traction:

- ☐ Low  
☐ Medium  
☐ High

Motor: ORI28206 Team Orion 6.5T

Battery: ORI14045 Team Orion

Rotor: Standard

Comments/Results:

2011 National Champion

Timing: 0

Gearing: 18/82

Settings		1	2	3	4	5	6	7	8	9
1	Running Mode	<input checked="" type="checkbox"/> Forward, Brake	<input type="checkbox"/> Forward, Reverse with Brake	<input type="checkbox"/> Forward, Reverse	<input type="checkbox"/> Zero Timing Forward, Brake	<input type="checkbox"/> Zero Timing Forward, Reverse with Brake	<input type="checkbox"/> Zero Timing Forward, Reverse			
2	Drag Brake Force	<input type="checkbox"/> 0%	<input type="checkbox"/> 5%	<input type="checkbox"/> 10%	<input type="checkbox"/> 15%	<input type="checkbox"/> 20%	<input type="checkbox"/> 25%	<input type="checkbox"/> 30%	<input type="checkbox"/> 100%	User Setting: <u>12</u> %
3	Low Voltage Cut-Off Threshold	<input type="checkbox"/> No Protection	<input type="checkbox"/> 2.6V/Cell	<input type="checkbox"/> 2.8V/Cell	<input checked="" type="checkbox"/> 3.0V/Cell	<input type="checkbox"/> 3.2V/Cell	<input type="checkbox"/> 3.4V/Cell	User Setting: <u>    </u> V/Cell		
4	Start Mode(Punch)	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input checked="" type="checkbox"/> Level 3	<input type="checkbox"/> Level 4	<input type="checkbox"/> Level 5	<input type="checkbox"/> Level 6	<input type="checkbox"/> Level 7	<input type="checkbox"/> Level 8	<input type="checkbox"/> Level 9
5	Max Brake Force	<input type="checkbox"/> 12.50%	<input type="checkbox"/> 25%	<input type="checkbox"/> 37.50%	<input type="checkbox"/> 50%	<input type="checkbox"/> 62.50%	<input checked="" type="checkbox"/> 75%	<input type="checkbox"/> 87.50%	<input type="checkbox"/> 100%	
6	Max Reverse Force	<input checked="" type="checkbox"/> 25%	<input type="checkbox"/> 50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 100%					
7	Initial Brake Force	<input checked="" type="checkbox"/> Drag Brake	<input type="checkbox"/> 0%	<input type="checkbox"/> 20%	<input type="checkbox"/> 40%					
8	Neutral Range	<input checked="" type="checkbox"/> 6% (Narrow)	<input type="checkbox"/> 9% (Normal)	<input type="checkbox"/> 12% (Wide)						
9	Over-heat Protection	<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Disable							
10	Boost Timing	<input checked="" type="checkbox"/> 0°	User Setting: <u>                    </u> (0°-16°   1° steps)							
11	Boost Start	<input checked="" type="checkbox"/> 5000 RPM	User Setting: <u>                    </u> (1000-15000 RPM   50RPM steps)							
12	Boost Timing Acceleration	For stock only	User Setting: <u>                    </u> (50-750RPM/def   50RPM steps)							
13	Turbo Timing	<input type="checkbox"/> 10°	User Setting: <u>0°</u> (0°-20°   1° steps)							
14	Turbo Slope Rate	<input type="checkbox"/> 3°/0.1s	<input type="checkbox"/> 6°/0.1s	<input type="checkbox"/> 12°/0.1s	<input type="checkbox"/> 18°/0.1s	<input checked="" type="checkbox"/> 24°/0.1s	<input type="checkbox"/> Fastest			
15	Turbo Delay	<input checked="" type="checkbox"/> 0s/off	<input type="checkbox"/> 0.1s	<input type="checkbox"/> 0.2s	<input type="checkbox"/> 0.3s	<input type="checkbox"/> 0.4s	<input type="checkbox"/> 0.5s	<input type="checkbox"/> 0.6s	<input type="checkbox"/> 0.7s	<input type="checkbox"/> 0.8s



# SETUP SHEET

Driver: Jared Tebo

Track/Event: NorCal R/C Raceway / US Nationals

Date: 8/14/2011

Car: Kyosho Lazer ZX5-F52

ESC Firmware: V1.07\_110119

Traction:

- ☐ Low  
☐ Medium  
☐ High

Motor: ORI28206 Team Orion 6.5T

Battery: ORI14048 Team Orion

Rotor: Standard

Comments/Results:

2011 National Champion

Timing: +1

Gearing: 18/78

Settings		1	2	3	4	5	6	7	8	9
1	Running Mode	<input checked="" type="checkbox"/> Forward, Brake	<input type="checkbox"/> Forward, Reverse with Brake	<input type="checkbox"/> Forward, Reverse	<input type="checkbox"/> Zero Timing Forward, Brake	<input type="checkbox"/> Zero Timing Forward, Reverse with Brake	<input type="checkbox"/> Zero Timing Forward, Reverse			
2	Drag Brake Force	<input checked="" type="checkbox"/> 0%	<input type="checkbox"/> 5%	<input type="checkbox"/> 10%	<input type="checkbox"/> 15%	<input type="checkbox"/> 20%	<input type="checkbox"/> 25%	<input type="checkbox"/> 30%	<input type="checkbox"/> 100%	User Setting: _____ %
3	Low Voltage Cut-Off Threshold	<input type="checkbox"/> No Protection	<input type="checkbox"/> 2.6V/Cell	<input type="checkbox"/> 2.8V/Cell	<input checked="" type="checkbox"/> 3.0V/Cell	<input type="checkbox"/> 3.2V/Cell	<input type="checkbox"/> 3.4V/Cell	User Setting: _____ V/Cell		
4	Start Mode(Punch)	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input checked="" type="checkbox"/> Level 3	<input type="checkbox"/> Level 4	<input type="checkbox"/> Level 5	<input type="checkbox"/> Level 6	<input type="checkbox"/> Level 7	<input type="checkbox"/> Level 8	<input type="checkbox"/> Level 9
5	Max Brake Force	<input type="checkbox"/> 12.50%	<input type="checkbox"/> 25%	<input type="checkbox"/> 37.50%	<input type="checkbox"/> 50%	<input checked="" type="checkbox"/> 62.50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 87.50%	<input type="checkbox"/> 100%	
6	Max Reverse Force	<input checked="" type="checkbox"/> 25%	<input type="checkbox"/> 50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 100%					
7	Initial Brake Force	<input type="checkbox"/> Drag Brake	<input checked="" type="checkbox"/> 0%	<input type="checkbox"/> 20%	<input type="checkbox"/> 40%					
8	Neutral Range	<input checked="" type="checkbox"/> 6% (Narrow)	<input type="checkbox"/> 9% (Normal)	<input type="checkbox"/> 12% (Wide)						
9	Over-heat Protection	<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Disable							
10	Boost Timing	<input checked="" type="checkbox"/> 0°	User Setting: _____ (0°-16°   1° steps)							
11	Boost Start	<input checked="" type="checkbox"/> 5000 RPM	User Setting: _____ (1000-15000 RPM   50RPM steps)							
12	Boost Timing Acceleration	For stock only	User Setting: _____ (50-750RPM/def   50RPM steps)							
13	Turbo Timing	<input type="checkbox"/> 10°	User Setting: <u>0°</u> (0°-20°   1° steps)							
14	Turbo Slope Rate	<input type="checkbox"/> 3°/0.1s	<input type="checkbox"/> 6°/0.1s	<input type="checkbox"/> 12°/0.1s	<input type="checkbox"/> 18°/0.1s	<input checked="" type="checkbox"/> 24°/0.1s	<input type="checkbox"/> Fastest			
15	Turbo Delay	<input checked="" type="checkbox"/> 0s/off	<input type="checkbox"/> 0.1s	<input type="checkbox"/> 0.2s	<input type="checkbox"/> 0.3s	<input type="checkbox"/> 0.4s	<input type="checkbox"/> 0.5s	<input type="checkbox"/> 0.6s	<input type="checkbox"/> 0.7s	<input type="checkbox"/> 0.8s



# SETUP SHEET

Driver: Dakotah Phend

Track/Event: NorCal R/C Raceway / US Nationals

Date: 8/14/2011

Car: TLR

ESC Firmware: V1.07\_110119

Traction:

- ☐ Low  
☐ Medium  
☐ High

Motor: Novak

Battery: OR114043 Team Orion

Rotor: -

Comments/Results:

2011 National Champion

Timing: -

Gearing: -

Settings		1	2	3	4	5	6	7	8	9
1	Running Mode	<input checked="" type="checkbox"/> Forward, Brake	<input type="checkbox"/> Forward, Reverse with Brake	<input type="checkbox"/> Forward, Reverse	<input type="checkbox"/> Zero Timing Forward, Brake	<input type="checkbox"/> Zero Timing Forward, Reverse with Brake	<input type="checkbox"/> Zero Timing Forward, Reverse			
2	Drag Brake Force	<input checked="" type="checkbox"/> 0%	<input type="checkbox"/> 5%	<input type="checkbox"/> 10%	<input type="checkbox"/> 15%	<input type="checkbox"/> 20%	<input type="checkbox"/> 25%	<input type="checkbox"/> 30%	<input type="checkbox"/> 100%	User Setting: _____ %
3	Low Voltage Cut-Off Threshold	<input type="checkbox"/> No Protection	<input type="checkbox"/> 2.6V/Cell	<input type="checkbox"/> 2.8V/Cell	<input checked="" type="checkbox"/> 3.0V/Cell	<input type="checkbox"/> 3.2V/Cell	<input type="checkbox"/> 3.4V/Cell	User Setting: _____ V/Cell		
4	Start Mode(Punch)	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input checked="" type="checkbox"/> Level 3	<input type="checkbox"/> Level 4	<input type="checkbox"/> Level 5	<input type="checkbox"/> Level 6	<input type="checkbox"/> Level 7	<input type="checkbox"/> Level 8	<input type="checkbox"/> Level 9
5	Max Brake Force	<input type="checkbox"/> 12.50%	<input type="checkbox"/> 25%	<input type="checkbox"/> 37.50%	<input type="checkbox"/> 50%	<input checked="" type="checkbox"/> 62.50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 87.50%	<input type="checkbox"/> 100%	
6	Max Reverse Force	<input checked="" type="checkbox"/> 25%	<input type="checkbox"/> 50%	<input type="checkbox"/> 75%	<input type="checkbox"/> 100%					
7	Initial Brake Force	<input type="checkbox"/> Drag Brake	<input checked="" type="checkbox"/> 0%	<input type="checkbox"/> 20%	<input type="checkbox"/> 40%					
8	Neutral Range	<input type="checkbox"/> 6% (Narrow)	<input checked="" type="checkbox"/> 9% (Normal)	<input type="checkbox"/> 12% (Wide)						
9	Over-heat Protection	<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Disable							
10	Boost Timing	<input type="checkbox"/> 0°	User Setting: <u>12°</u> (0°-16°   1° steps)							
11	Boost Start	<input checked="" type="checkbox"/> 5000 RPM	User Setting: _____ (1000-15000 RPM   50RPM steps)							
12	Boost Timing Acceleration	For stock only	User Setting: _____ (50-750RPM/def   50RPM steps)							
13	Turbo Timing	<input type="checkbox"/> 10°	User Setting: <u>0°</u> (0°-20°   1° steps)							
14	Turbo Slope Rate	<input type="checkbox"/> 3°/0.1s	<input type="checkbox"/> 6°/0.1s	<input checked="" type="checkbox"/> 12°/0.1s	<input type="checkbox"/> 18°/0.1s	<input type="checkbox"/> 24°/0.1s	<input type="checkbox"/> Fastest			
15	Turbo Delay	<input type="checkbox"/> 0s/off	<input checked="" type="checkbox"/> 0.1s	<input type="checkbox"/> 0.2s	<input type="checkbox"/> 0.3s	<input type="checkbox"/> 0.4s	<input type="checkbox"/> 0.5s	<input type="checkbox"/> 0.6s	<input type="checkbox"/> 0.7s	<input type="checkbox"/> 0.8s