BLACKBOX 410R
ELECTRONICS SET-UP SHEET

Voltage input:	3.7 - 7.4/ 1-2 LiPo
On resistance (Ω)	0.00035 x2
Continuous current (A)	150
Weight without wires (g)	49
Motor limit (2-pole/4-pole)	3.5T/4800kV
SBEC	5.5 - 7.0V/5A

DRIVER: Rick Hohwart **EVENT:** 2015 ROAR On-Road Nationals **TRACK:** Tamiya **DATE:** 9/18/15

VEHICLE: AE TC6.2 **CONDITIONS:** Medium grip asphalt **BATTERY:** Reedy #321 **TEMP:** 90F

ESC INFO

FIRMWARE:	2.9
CAPACITOR TYPE:	Pro
FAN (YES/NO):	Yes
WIRE SIZE:	12
PROFILE #:	8

BRAKE

DRAG BRAKE:	25
BRAKE FREQ:	3200
BRAKE STRENGTH:	100
BRAKE CURVE:	0

SPD SENS BRAKE

LOW SPEED STR:	25
HIGH SPEED STR:	25
SWITCHOVER RPM:	Disable

THROTTLE

THROTTLE FREQ:	16000
THROTTLE PUNCH:	100
THROTTLE CURVE:	0
DEAD BAND:	3

MOTOR POWER

ACCEL BOOST

START RPM:	15000
FINISH RPM:	43000
MAX ADV TIMING:	17

TOP SPEED TIMING

SLEW RATE:	5
MAX ADV TIMING:	8
DELAY TIME:	0

MISC CONTROL

RUN MODE:	Race Open
MOTOR TYPE:	2-Pole
SBEC VOLTAGE:	5.5
FORWARD POWER:	100
REVERSE POWER:	25

PROTECTION

BATTERY CUTOFF:	Disable
ESC TEMP CUTOFF:	230

MOTOR SETTINGS

MOTOR:	Reedy Sonic 540-M3
WIND:	5.0
TIMING:	25
ROTOR:	#273 12.5 x 25.3
FDR/ROLLOUT:	7.56:1
TEMPERATURE:	145F

RADIO SETTINGS

THROTTLE EPA:	100
BRAKE EPA:	80
THROTTLE EXPO:	0
BRAKE EXPO:	0

NOTES:

- AE motor cooling fan
- 48p gears
- Aluminum pinion gear
- Battery charged to 8.2V

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