

# CENTRO

## CENTRO C10 PRO COMPETITION SETUP SHEET

DRIVER: Charlie Saunders  
CLASS: 2WD  
DATE: 19/10/24  
EVENT: Silverstone winter series round 1  
TRACK: Silverstone RCMCC  
CONDITIONS: Dry  
TRACTION: High  
MOTOR: Reedy 5.0  
ENDBELL TIMING: 20  
FIRMWARE:  
PINION/SPUR: 78/20

### THROTTLE

THROTTLE RESPONSE: 2.0ms  
COAST: 0  
NEUTRAL RANGE: 4%  
MIN. THROTTLE: 16%  
MINUS: 0  
MINUS RANGE: 30  
MAX. FORWARD FORCE: 100  
MAX. REVERSE FORCE: 100

### BRAKE

BRAKE RESPONSE: 0.1 ms  
MIN. BRAKE FORCE: 0  
MAX. BRAKE FORCE: 100  
FWD. DRAG BRAKE FORCE: 4.0%  
FWD. DRAG BRAKE RESPONSE: 1.0 ms  
REV. DRAG BRAKE FORCE: 0  
REV. DRAG BRAKE RESPONSE: 1.0 ms  
PWM FREQ.: 2.0 KHZ

### NOTES

### BOOST

BOOST TIMING: 0  
TRIGGER: Throttle  
THROTTLE THRESHOLD: 50%  
RPM THRESHOLD: 18.0 Kr/Min  
INITIAL ANGLE: 1.0 deg  
ANGLE INC. RATE: 8.0deg/0.1s  
ANGLE DEC. RATE: 28deg/0.1s

### TURBO

TURBO TIMING: 30  
ANGLE INC. RATE: 8.0deg/0.1s  
ANGLE DEC. RATE: 28deg/0.1s  
TURBO DELAY: 0.05s  
DELAY RELOAD: wait

### GENERAL

MOTOR ROTATION: ccw  
MOTOR POLES: 2.0  
RUNNING MODE: FORWARD/BRAKE  
REVERSE MODE: ONE SHOT  
DRIVE PWM FREQ.: 16.0 KHZ  
CUT-OFF VOLTAGE: 0 OFF  
CUT-OFF THERMAL: 0 OFF  
BEC OUTPUT: 6.0v  
A/C SWAP: NO