



"Scythe" 1/10 Scale EP Touring Car

Fastest Lap sec

Name David Allen

Date October 2010

Humidity

%

Air Temp.

°C

Track Carpet

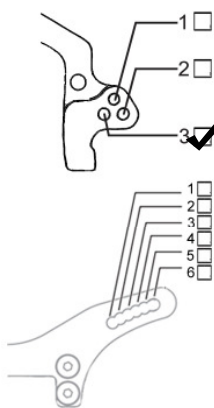
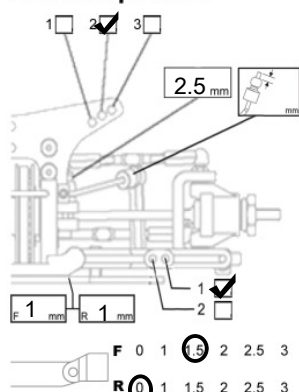
Track Condition

bad 1 2 3 4 5 good

Track Temp.

°C

Front Suspension



Camber Angle -1 °

Castor 4 °

Ride Height 5 mm

Droop 5.5 mm

Front Drive Diff One-way ☒ Spool

Stabilizer 1.0 1.2 1.4 1.6 1.8 mm

Toe Angle 0 °

Notes Droop on gauge

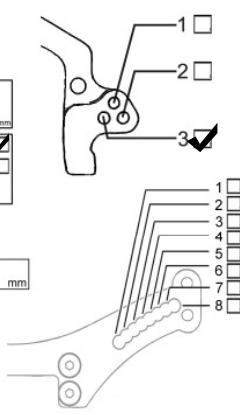
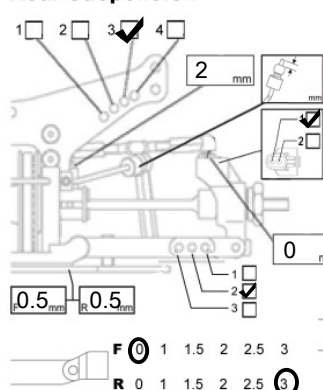
Shocks

Front

Rear

Piston	Hole Size 1.2 mm	Hole Size 1.2 mm
Holes	1 2 3	1 2 3
Oil	MM #500	MM #400
Spring	4.75	5.50
Diaphragm	kit	kit
O-Ring	kit	kit
Form	none	none
Other	Rayspeed RS-14 pistons	

Rear Suspension



Camber Angle -1 °

Castor na °

Ride Height 5.5 mm

Droop 5 mm

Stabilizer 1.0 1.2 1.4 1.6 1.8 mm

Upright

Spacer F 3 R 0 mm

Notes droop on gauge

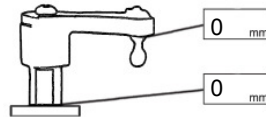
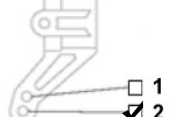
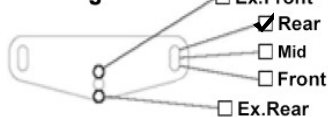
Tires

Front

Rear

Brand	Sorex	
Insert	JB	
Wheel	Schumacher	
Additive	Nosram carpet	
Spread Area		
Full	FL FR	RL FR

Steering



☐ Ex.Front
☒ Rear
☐ Mid
☐ Front
☐ Ex.Rear

☐ 1
☒ 2

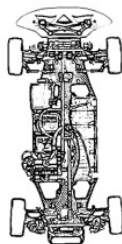
Electronic

Transmitter Futaba

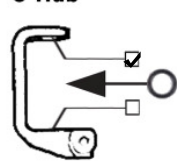
Receiver

ESC MM Fleta 3.0 (HW/SP)

Servo Futaba 9550

Servo Position ☒ Rear ☐ Front

C-Hub



Power Source

Motor SP v3

Turns 13.5

Brushes

Spring

Timing HW 518

Car Weight 1355 g

Gear Ratio

Spur (S) 73

Pinion (P) 23

$\frac{S}{P} = \frac{73}{23} = 3.174$
 $\frac{3.174}{1.940} = 1.636$
 $1.636 \times 2.200 = 3.600$

Final Drive 6.98

Body LTC-R

Wing Std 10mm overhang

Features

Chassis	☐ 2.0 mm	☒ 2.5 mm	☐ 3.0 mm	☐ U.S. Spec.	☐ X-Stock
Upper Plate	☒ 2.0 mm	☐ 2.5 mm	☐ Split Plate	mm	
Damper Stay	☒ 3.0 mm	☐ U.S. Spec.	☐ Low Profile		
Ackermann	☒ 2.0 mm	☐ U.S. Spec.			
Motor Pod Base	☒ Plastic	☐ Aluminium			
Motor Pod RH	☒ Plastic	☐ Aluminium			
Bulk Heads	☒ Plastic	☐ Aluminium			
Bulk Head Cover	☒ Plastic	☐ Aluminium			
Differential	☒ Original	☐ Aluminium Hop-Up	☐ Other		
Spool	☐ Delrin	☐ Aluminium	☒ Steel		
Bearings	☒ Original	☐ Ceramic			

Belts	☒ Original	☐ Low Friction Stock
Motor Plate	☒ Original	☐ Optional ☐ Vers. 2
Bones	☒ Steel	☐ Aluminium
	☐ Vers.2 Steel	☐ Vers.2 Aluminium
Axle	☒ Original	☐ Vers.2
Pulley Gear	☒ Original	☐ Modified
Suspension Arm	☒ High Traction	☐ Graphit
Bumper	☒ EVA	☐ EVA Lightweight

Notes: Use diff on tight/low-grip track. 15g behind motor pod for 49F/51R weight dist. 85-90% steering rate. IP 5000 Lipo over edge of chassis for L/R balance. Tamiya HT servo saver.