SET-UP SHEET

T4'21 SET-UP SHEET VER.1 ©XRAY

XRAY T4'21

RACE/TRACK	XRAY Challenge #1
NAME	Marcus von Elling
DATE	2021-10-09

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
1	2	12,737 /sec	24	5:11,022

TRACK

TRACK SURFACE	[X] CARPET	[ ] ASPHALT	
TRACK LAYOUT	[X] TECHNICAL	[ ] MIXED	[ ] FAST
TRACTION	[ ] LOW	[ ] MEDIUM	[X] HIGH

TRANSMISSION

FRONT		REAR	
SOLID AXLE	[X] YES		
GEAR DIFFERENTIAL - OIL	/cSt	GEAR DIFFERENTIAL - OIL	7k /cSt
PINION 38 /T	SPUR GEAR 100 /T	FINAL DRIVE RATIO	5,0

SHOCKS

FRONT	SHOCKS	REAR
ULTRA LOW PROFILE [X] SUPER LOW PROFILE [ ]	SHOCK TYPE	ULTRA LOW PROFILE [X] SUPER LOW PROFILE [ ]
2,5-2,8	XRAY SPRINGS	2,7
450	OIL /Cst	450
0	REBOUND %	0
[ ] YES [X] NO	FOAM INSERTS	[ ] YES [X] NO
[ ] 3 HOLES [X] 4 HOLES [ ] PSS	PISTONS: [ ] 1.0mm [X] 1.1mm [ ] 1.2mm PROGRESSIVE	3 HOLES [ ] 4 HOLES [X] PSS [ ]
SHOCK LENGTH FRONT 9 /mm		SHOCK LENGTH REAR 9 /mm

1.4	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm 1,3

Hudy C3-28	TIRES	Hudy C3-28
Hudy	ADDITIVE	Hudy
20+10	ADDITIVE TIMING	20+10

TREATED AREA: FRONT LEFT, FRONT RIGHT, REAR LEFT, REAR RIGHT

ROLL CENTER

FRONT: FF [1] [0.5]; FR [1] [0.5]

REAR: RR [1] [0.5]; RF [1] [0.5]

ARS - ACTIVE REAR SUSPENSION ™

TOE GAIN [ ] TOE LOSS [ ] /degr.

SHIM /mm; SHIM /mm

LINKS UP / LINKS DOWN

STEERING BLOCK: MEDIUM [ ], HARD [ ], GRAPHITE [ ], ALU [ ]

OFFSET: STANDARD [ ]

/mm SHIMS /mm

C-HUB 0° [ ] 2° [ ] 4° [ ]

TOTAL WEIGHT	1325 /g	WEIGHT BALANCE	FRONT /g REAR /g
MOTOR	Handout 13.5	TIMING	HW Justock
ESC	HW XR10 Pro GII	BATTERIES	Zombie 6000
BODY	BittyDesign Ultra HR LW	WING	STD

COMMENTS

Setscrew on rear T-brace
Futaba CT500 servo @6v

FRONT

CASTER 0° [ ] 2° [ ] 4° [X] 6° [ ]

SHIM 0,5 /mm

BODY POSITION

0 0.5 [X] 1 1

RIDE HEIGHT /mm 5,0

REAR

SHIMS UNDER TOP DECK 0 /mm

BODY POSITION

WHEELBASE /mm: [X] 1 1 0.5 0

RIDE HEIGHT /mm 5,2

TOE OUT 1

1 /mm SHIMS UNDER SHOCK 4 /mm — LOWER / UPPER

ROLL CENTER UPPER CLAMP 1 2

ACKERMANN 0 /mm — 1 2 OUTER ACKERMANN

STEERING ARM: STANDARD [ ], ALU [X]

STEERING PLATE: YES [ ] [X] NO

FINAL TOE IN 2,5 — OUTBOARD + INBOARD TOE

OUTBOARD TOE

ANTI ROLL-BAR 1 2

ROLL CENTER UPPER CLAMP 1 2

LOWER 0 /mm SHIMS UNDER SHOCK 3 /mm UPPER

REAR

DIFF POSITION: UP [X], DOWN [ ]

BALANCE - /g

BATT. BACKSTOP: COMPOSITE ADJ. [X], ALU [ ], ALU ADJ. [ ], BRASS ADJ. [ ]

BALANCE 12 /g

BALANCE - /g

DIFF POSITION: UP [X], DOWN [ ]

BALANCE - /g

SERVO HORN: SERVO SAVER [ ], ALU [X]

SERVO HORN HEIGHT /mm

TOP DECK: 2.0mm [ ], 1.6mm [X]

TOP DECK FLEX: NONE [X], BEARING [ ], BUSHING [ ]

STEERING SHIM: SHIM SIZE

BALANCE 5 /g

BALANCE 5 /g

STEERING LOCK - /degr.

CHASSIS: GRAPHITE [ ], ALU [ ], ALU-FLEX [X], OTHER

CHASSIS BRACE: BRASS [ ], ALU [X]

MOTOR MOUNT CONECTION YES [ ] [X] NO

SERVO HOLDER: FORWARD / STANDARD

MOTOR MOUNT

CHASSIS BRACE

STEERING PLATE: 8mm [X] 8.5mm [ ]

BATTERY PLATE - /g

RF: STD [X], .25 [ ]

C-HUB: M [X], H [ ], G [ ]

BODY STOP: YES [X] NO [ ]

DRIVE SHAFT: 53mm [ ] 52mm [X] 51mm [ ] 50mm [ ]; BEARING [ ] [X] BLADE

SHIM 2 /mm

SHIM 2 /mm

DRIVE SHAFT: ECS [ ] [X] CVD; BEARING [ ] [X] BLADE

SHIM 1,5 /mm

SHIM 4 /mm

STEER.BLOCK: M [ ], H [X], G [ ], ALU [ ]

ROLL CENTER UPPER CLAMP 1 2

REAR HUB: M [ ], H [X], G [ ]

OFFSET: STANDARD [ ], -0,75

MEASURE UNDER ARM

0 ± 1/2 HUDY

MEASURE UNDER ARM

OFFSET: STANDARD [ ], -0,75

5,8 DOWNSTOP/mm 4,8

FRONT

CAMBER 2 /degr.

FRONT ARM: HARD (H) [ ], GRAPHITE (G) [X]

SHOCK TOWERS: HIGHER SLP [ ], STANDARD ULP [ ], LOWER ULP [X], OTHER

REAR

2 /degr. CAMBER

REAR ARM: HARD (H) [ ], GRAPHITE (G) [X]