AWESOMATIX A800MMX

NAME	Michael Hanulec
COUNTRY	USA
RACE	Practice - running season opener layout (CCW)
TRACK	Seatac

DATE 1 June 2022   TEMP. °C AIR / TRACK   65F /

ASPHALT ✓	OUTDOOR ☐	INDOOR ☐ CARPET ☐
TRACK CONDITION	TECHNICAL ✓	MIXED ☐ FAST ☐
TRACTION	LOW ☐	MEDIUM ✓ HIGH ☐

FRONT

- 3 MM
- ☐ AM19-FX-US
- ✓ Extra Long TL
- ☐ AM19-2
- 1.75 MM
- AT21 ☐ 2 MM
- AT21 ☐ 2 MM

2.25 MM
AT13W ☐
3.5 MM
0 MM
SC2X6 ☐

61.2 GF/MM   3.0 MM
OIL 600
0.8 MM

CAMBER ANGLE / °	2
CASTER ANGLE / °	4
TOE ANGLE / °	-1
RIDE HEIGHT / MM	5.8
DOWNSTOP / MM	5.4
UPWNSTOP / MM	
STABILIZER Ø / MM	1.0
LOW ARM C04M1+9.0 ✓	☐
STEER. ARM AM14LS ✓	☐
WHEEL SPACER / MM	
FRONT DRIVE	SPOOL ✓ GB2B ☐ LOW ☐ HIGH ✓
DIFF. OIL	DIFF WASHERS

SHOCKS SET (front)

ROTOR	STD ✓	☐
SPRING	STD ✓	S ☐
DAMPER	D2.2 ✓	☐
SRS/RHS ARR.	I ☐	II ✓
PSS SETUP	25% ✓	15% ☐

WHEELHUB   AM06WL ✓   ☐

REAR

- 1.5 MM
- ☐ AM19-FX-US
- ✓ Extra Long TL
- ☐ AM19-2
- 0 MM
- AT21 ☐ 2 MM
- AT21 ☐ 2 MM

2.25 MM
AT13W ☐
2.75 MM
0 MM
SC2X6 ☐

104.0 GF/MM   0.0 MM
OIL 600
3.6 MM

CAMBER ANGLE / °	2
CASTER ANGLE / °	0
TOE ANGLE / °	3
RIDE HEIGHT / MM	6
DOWNSTOP / MM	4.4
UPWNSTOP / MM	
STABILIZER Ø / MM	1.1
LOW ARM C04M1+8.0 ✓	☐
STEER. ARM AM23-1 ✓	☐
WHEEL SPACER / MM	
REAR DRIVE	GB2B ✓ LOW ☐ HIGH ✓
DIFF. OIL 235 meas	DIFF WASHERS small

SHOCKS SET (rear)

ROTOR	STD ✓	☐
SPRING	STD ✓	S ☐
DAMPER	D2.2 ✓	☐
SRS/RHS ARR.	I ☐	II ✓
PSS SETUP	25% ✓	15% ☐

WHEELHUB   AM06WL ✓   ☐

CHASSIS FLEX AND WEIGHT SETTINGS

- BSSX STEERING ☐
- 22 g
- g
- g
- g
- g
- g
- g
- g
- g
- 45 g
- MOTORMOUNT SCREWS   1 2 3 4 5
- AM105 SCREWS

LOWER DECK   C01B-X-MM2 ✓   C01B-X-MMA ☐

C26   C26 ✓

A B C   D E F   ST019

FRONT   ✓ ✓   REAR

TOP DECK CUTS   TOP DECK CUTS

FRONT TOP DECK C127 ✓   C127S ☐   REAR TOP DECK C127 ✓   C127S ☐

TIRES   Contact A34 Premount

INSERTS	
WHEELS	
ADDITIVE	FX2 - no warmers
TOTAL WEIGHT	WEIGHT DISTRIBUTION F % R %
NOTES:	

TIME -   FR   RR

MOTOR LATERAL SHIFT / MM		ACKERMANN POSITION FWD
MOTOR	4.5T	SERVO Sanwa $450 Servo
SPUR 84 PINION 21 RATIO 7.60		STEER TRAVEL IN OUT
BODY Mon-Tech Zero @24mm		BATTERY Sunpadow 5500 Platin
WING		RECEIVER Sanwa RX-492
ESC		RADIO SanwaM17
ESC SETTING		
BEST LAPTIME		QUALIF./FINAL POSITION /

Long links - shimming yielded level height front and rear considering C26 and HRB; was 0.1-0.3s faster than short link setup
Other parts within the car - BDL, BW7, BW8, AM105H, ADC, AM180M5/ST118L-1, BW22 in front only; AM12X in rear; BSWorks Fan Mount, WTF3010BH9
Diff measured at 234 on Arrowmax v2 meter
Next time: move rear to type 1 and bgap = 4; 100 deg bent hard springs; 1mm under AM06; testing +/- 1mm front lower arm shim; low diff & spool; FBS in Front Rear along with baseline test raising uppper links to 3.5mm total height (adding 1.75mm)