AWESOMATIX A12X

SETUP SHEET
210426

NAME Mark Stiles
RACE BRCA Nationals R1&2
TRACK Stafford - Hednesford Raceway
COUNTRY UK CLASS 13.5T

DATE 7/8 November 2026 TEMPERATURE AIR / TRACK 24 °C / °C
SURFACE ASPHALT ☐ OUTDOOR ☐ INDOOR ☑ CARPET ☑
TRACK CONDITIONS BUMPY ☑ FLAT ☐ TECHNICAL ☐ MIXED ☑ FAST ☐
TRACTION LOW ☐ MEDIUM ☑ HIGH ☐

STEERING HUB POST
ST1208-C4S ☐ ST1208-C5AL ☐
ST1208-C5S ☐ ST1208-C5AL ☐
ST1208-C6S ☐ ST1208-C6AL ☐
CAMBER ____ °

SUSPENSION PLATE
C1205-X ☐ C1205AFS ☑
C1205-ZT ☐ C1205AFS-1.5 ☐
C1205-X-1.5 ☐ C1205AFS-5.0 ☐
C1205-6.0 ☐ OTHER ____

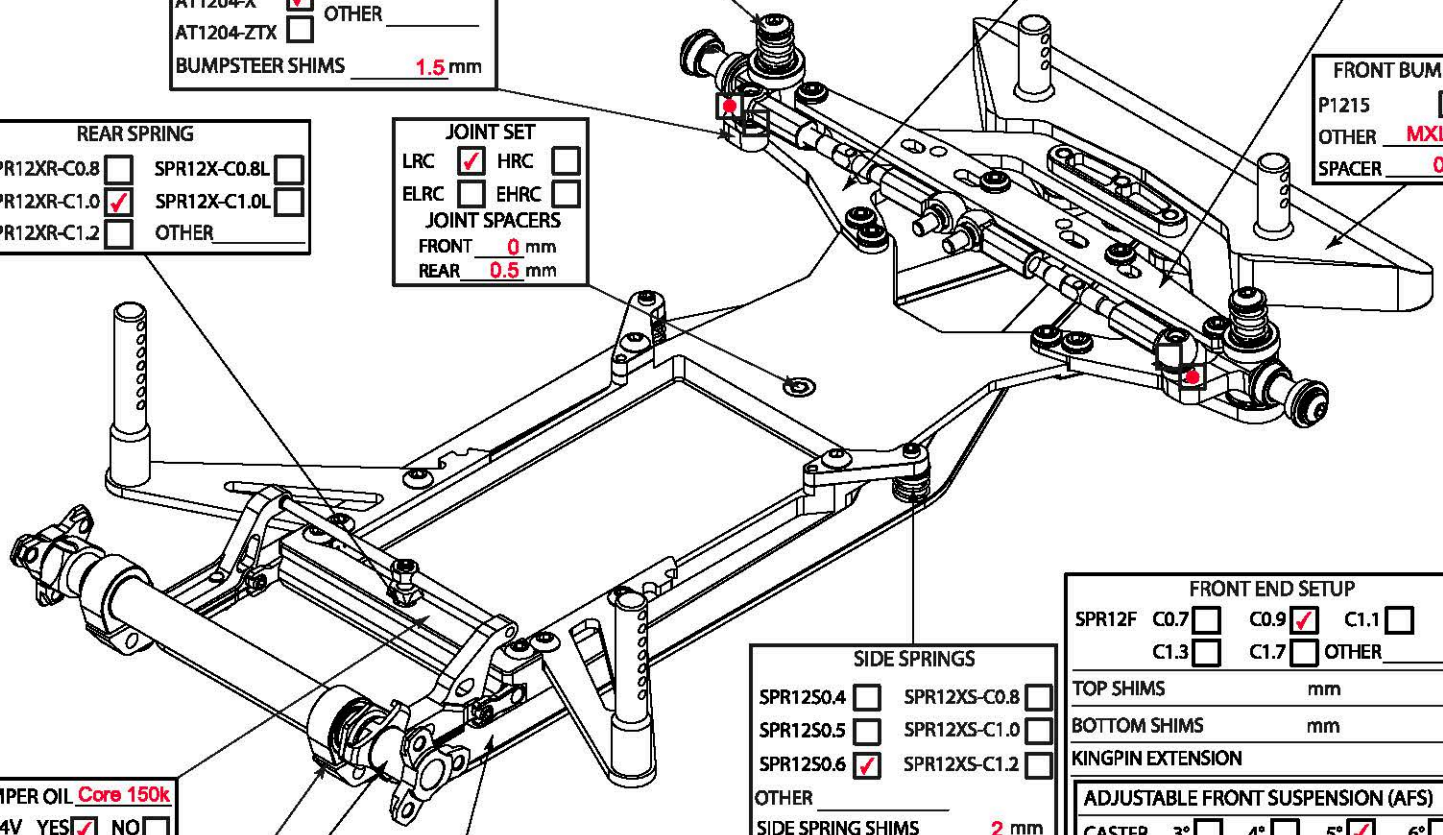
SERVO PLATE
C1201-X ☐ C1201AFS ☑
C1201-ZT ☐ C1201AFS-1.5 ☐
C1201 ☐ C1201AFS-5.0 ☐
OTHER ____

STEERING BLOCKS
AT1204-X ☑ OTHER ____
AT1204-ZTX ☐
BUMPSTEER SHIMS 1.5 mm

FRONT BUMPER
P1215 ☐
OTHER MXLR
SPACER 0 mm

REAR SPRING
SPR12XR-C0.8 ☐ SPR12X-C0.8L ☐
SPR12XR-C1.0 ☑ SPR12X-C1.0L ☐
SPR12XR-C1.2 ☐ OTHER ____

JOINT SET
LRC ☑ HRC ☐
ELRC ☐ EHRC ☐
JOINT SPACERS
FRONT 0 mm
REAR 0.5 mm



SIDE SPRINGS
SPR12S0.4 ☐ SPR12XS-C0.8 ☐
SPR12S0.5 ☐ SPR12XS-C1.0 ☐
SPR12S0.6 ☑ SPR12XS-C1.2 ☐
OTHER ____
SIDE SPRING SHIMS 2 mm
SIDE SPRING GAP 0 mm

FRONT END SETUP
SPR12F C0.7 ☐ C0.9 ☑ C1.1 ☐
C1.3 ☐ C1.7 ☐ OTHER ____

TOP SHIMS	mm	pcs
BOTTOM SHIMS	mm	pcs
KINGPIN EXTENSION		mm

ADJUSTABLE FRONT SUSPENSION (AFS) ☐
CASTER 3° ☐ 4° ☐ 5° ☑ 6° ☐
CAMBER -0.75 ° DROOP 0.6 mm
SPRING PRELOAD Kingpin Length 23.7 mm

O-RINGS 0pcs ☑ 1pcs ☐ 2pcs ☐
O-RING TYPE
GREASE MXLR 20k

DAMPER OIL Core 150k
OR14V YES ☑ NO ☐

RIDE HEIGHT SPACERS 0.75 mm

REAR AXLE
SSS SPOOL ☑ BALL DIFF ☐
CS-1 SPOOL ☐ GEAR DIFF ☐
CARBON ☐ BRAND ____
STEEL ☐ OIL ____

OUTER FRAME
AM1204X-ST ☐
AM1204X-STS ☐
AM1204WC ☐
AM1204XT ☑

FRONT RIDE HEIGHT (FRH)	3.5 mm	FRONT DROOP (FD)	0.6 mm
REAR RIDE HEIGH (RRH)	3.6 mm	REAR DOWNSTOP (RD)	0,50 mm
GAP UNDER DAMPER (GUD)	mm	TRACK WIDTH	
DOWNSTOP NUT GAP (DNG)	2.5 mm	FRONT All shims to outside of wheel	mm
SPRING ROD HEIGHT (SRH)	1.8 mm	REAR	171.5 mm

BATTERY	EAM 8300	
BATTERY PLUGS	FRONT ☑	BACK ☐
SERVO POSITION	LEFT ☐	RIGHT ☑
ESC POSITION	LEFT ☑	RIGHT ☐

SERVO	MKS HV50P
SERVO SAVER	Hudy Adjustable (inner holes)
SHIMS ON SERVO SAVER	0.5 mm
TOE OUT	1 °
STEER. TRAVEL	IN ° OUT °

TIRES	FRONT	REAR
BRAND	Hot Race	Hot Race
TYPE	T (Soft)	T (Soft)
DIAMETER	40.7 mm	41.3 mm
GLUED SIDEWALLS	FRONT ☐	REAR ☐

ADDITIVE Spider Blue
FRONT 10 mm REAR
TIME 2 min TIME 50 min

MOTOR	HW G5 13.5	TOTAL WEIGHT	732g
SPUR 70 PINION 44 ROLLOUT 81,56		F/R WEIGHT DISTRIBUTION	
ESC	HW XR10 Pro 1S HD	RECEIVER	Sanwa RX49T
ESC SETTINGS	Blinky	RADIO	Sanwa Exzes Z3
BODY	SuperRad SR-06Y	REAR BODY HEIGHT (SIDE DAMS)	85.5 mm
BEST LAPTIME	10.38	QUALIF / FINAL POSITION	1 / 2

COMMENTS:

Rear droop set to 0.5mm (ignore DNG value) SB3X7AL Wheel Screws, MXLR Fan Holder for A12X + 30mm Fan with MXLR Fan Booster. Body Height (to rear lip) - 78mm, Damper 160 on SkyRC Checker, 15g weight on radio tray, 8g under battery. Steering Dual Rate 86%. Re-run tyres.