

NAME **Sam Isaacs**

COUNTRY

RACE **Inaugural RC America Challenge**

TRACK **Valkaria RC Raceway**

DATE **6/1/2025**

TEMP. °C AIR / TRACK **83 / 110**

TRACK SURFACE

ASPHALT ☒

CARPET ☐

TRACK LAYOUT

TECHNICAL ☐

MIXED ☒

FAST ☐

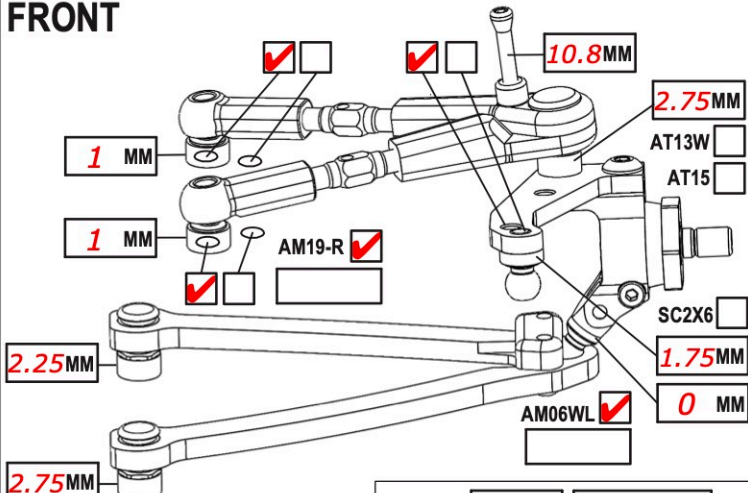
TRACTION

LOW ☒

MEDIUM ☐

HIGH ☐

FRONT



CAMBER ANGLE / ° **1.1**

CASTER ANGLE / ° **4**

TOE ANGLE / ° **1 out/side**

RIDE HEIGHT / MM **4.8**

DOWNSTOP / MM **5.6**

ANTI-ROLL BAR Ø / MM **1.1**

ARB STIFFENER 1/4 ☐ 1/2 ☐ 3/4 ☐ 1 ☐

LOWER ARM EXTENSION / MM **0**

STEER. ARM AM14LS ☐ **AM14H (thick up)**

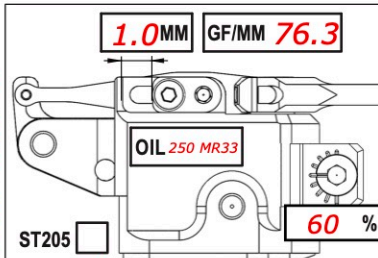
2ND SPRING SPR-P2 ☐ P1 ☐

WHEEL SPACER / MM **0**

DRIVE SPOOL ☒ DIFF ☐

DRIVE POSITION DOWN ☐ UP ☒ +1 ☐

DIFF OIL ☐ DIFF SHIMS ☐



ST205 ☐

ST05-R ☒

SHOCKS SETUP

DAMPER D4 ☒ **Full Progressive**

ROTOR 2 HOLES ☒

SPRING STD ☒ S ☐

SRS/RHS ARR. I ☒ II ☐

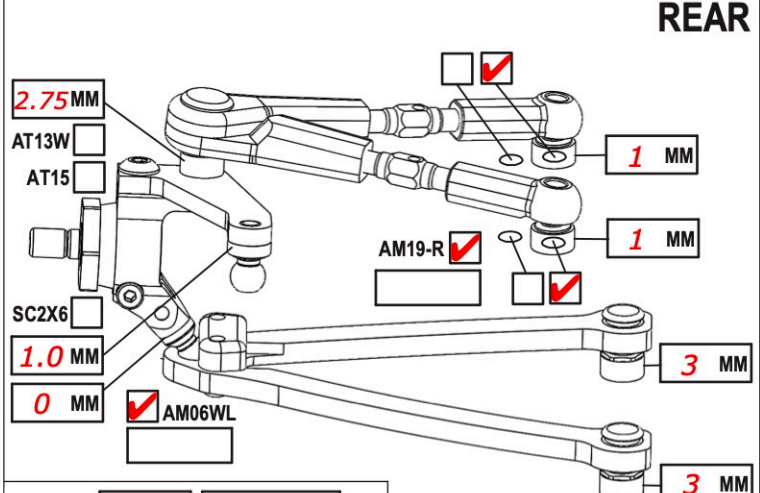
PSS SETUP 30% ☐ 25% ☐ 15% ☐

DAMPING LINEAR ☐ P1 ☐ P2 ☒

DAMPER SPACER / MM **0**

C45 YES ☐ NO ☒

REAR



CAMBER ANGLE / ° **2.1**

CASTER ANGLE / ° **4 short**

TOE ANGLE / ° **3/side**

RIDE HEIGHT / MM **5.0**

DOWNSTOP / MM **5.4**

ANTI-ROLL BAR Ø / MM **1.1**

ARB STIFFENER 1/4 ☐ 1/2 ☐ 3/4 ☐ 1 ☐

LOWER ARM EXTENSION / MM **0**

STEER. ARM AM23-1 ☒

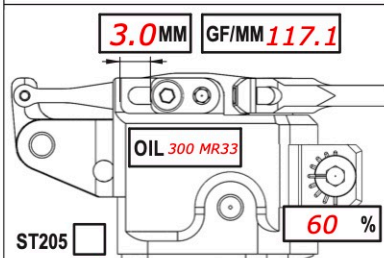
2ND SPRING SPR-P2 ☐ P1 ☐

WHEEL SPACER / MM **0**

DRIVE DIFF ☒

DRIVE POSITION DOWN ☐ UP ☒ +1 ☐

DIFF OIL **7k AE** DIFF SHIMS **small .4**



ST205 ☐

ST05-R ☒

SHOCKS SETUP

DAMPER D4 ☒ **Full Linear**

ROTOR 2 HOLES ☒

SPRING STD ☒ S ☐

SRS/RHS ARR. I ☒ II ☐

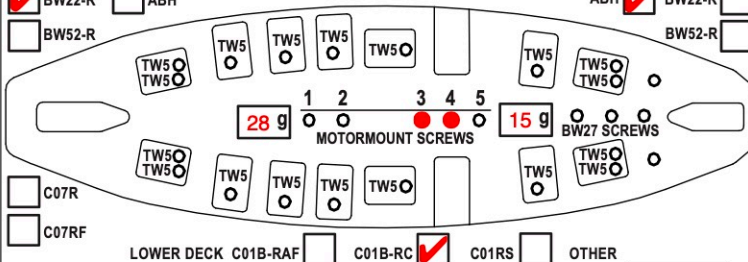
PSS SETUP 30% ☐ 25% ☐ 15% ☐

DAMPING LINEAR ☒ P1 ☐ P2 ☐

DAMPER SPACER / MM **0**

C45 YES ☐ NO ☒

CHASSIS FLEX AND WEIGHT SETTINGS



LOWER DECK C01B-RAF ☐ C01B-RC ☒ C01RS ☐ OTHER ☐

BUMPER TOP PLATE CUT ☒ FRONT BUMPER P15L ☐ OTHER ☐

C26 ☐

FRONT TOP DECK C127 ☐ OTHER ☐ REAR TOP DECK C127 ☐ OTHER ☐

SINGLE TOP DECK C27MMX ☐ OTHER ☐ BELT TENSIONER AM279 ☐ OTHER ☐

TOP DECK CUTS ☒

FRONT C127S ☒ OTHER ☐ REAR C127S ☒ OTHER ☐

ST019 ☒

AB C D E F

FRONT

REAR

WINGLET YES ☒ NO ☐

REAR HRB SETTING / MM **1.75**

SURFACE TO WING MOUNT DISTANCE / MM

HOLE # **4**

TIRES **Sweep D36**

INSERTS

SIDE WALLS GLUE Ø / MM F **NA** R **NA**

ADDITIVE **Mighty Gripper Yellow--X3** TIME MIN. F **15** R **15**

TOTAL WEIGHT **1326g** WEIGHT DISTRIBUTION % F **51.1** R **48.9**

NOTES: **sauce for 5 min, then resauce 5 min with warmers, and then again (triple sauce)**

MOTOR LATERAL SHIFT / MM **0**

SERVO **Sanwa PGS LH 2**

MOTOR **HW G3 4.5**

SERVOHORN / HEIGHT **18mm**

SPUR **114** PINION **29** RATIO **7.47**

STEER TRAVEL IN **25** OUT

BATTERY **Team EAM 5000**

WING **Radecky SR-101 0.5mm**

RECEIVER **Sanwa 492**

ESC **HW XR10 G2S**

RADIO **Sanwa M17s**

ESC SETTING

BEST LAPTIME **12.35** QUALIF./FINAL POSITION **1 / 1**

COMMENTS:

Front body mounted at 66.5mm front window line to center of front body post hole (2 OR06 on front clip)

Weight bias with body on. Rear of body mounted 46.5mm from top of wing strut to center of the rear hole

MXLR Flexbumper