

# SET-UP SHEET

# XRAY T4

|                |                   |       |  |
|----------------|-------------------|-------|--|
| RACE           | Race of Champions |       |  |
| TRACK          | Jackson R         |       |  |
| NAME           | Jason Schreffler  |       |  |
| CITY / COUNTRY | Jackson, NJ       | USA/C |  |
| CONTACT        |                   |       |  |

|                     |            |                        |      |                      |
|---------------------|------------|------------------------|------|----------------------|
| DATE                | 20/08/2013 | TEMPERATURE / °F or °C | AIR  | TRACK                |
| QUALIFYING POSITION | 1          | BEST LAPTIME /sec      | 13.1 | RACE LENGTH /minutes |
|                     |            | FINAL POSITION         | 1    | 6                    |

|                 |                                    |                                             |
|-----------------|------------------------------------|---------------------------------------------|
| TRACK CONDITION | <input type="checkbox"/> CARPET    | <input checked="" type="checkbox"/> ASPHALT |
|                 | <input type="checkbox"/> TECHNICAL | <input checked="" type="checkbox"/> MIXED   |
| TRACTION        | <input type="checkbox"/> LOW       | <input checked="" type="checkbox"/> MEDIUM  |
|                 |                                    | <input type="checkbox"/> FAST               |
|                 |                                    | <input type="checkbox"/> HIGH               |

| FRONT                |                                         | REAR              |                                         |
|----------------------|-----------------------------------------|-------------------|-----------------------------------------|
| TRANSMISSION         |                                         |                   |                                         |
| SOLID AXLE           | <input checked="" type="checkbox"/> YES | BALL DIFFERENTIAL | <input type="checkbox"/> YES            |
| SOLID ONE WAY DIFF.  | <input type="checkbox"/> YES            |                   |                                         |
| ONE WAY DIFFERENTIAL | <input type="checkbox"/> YES            |                   |                                         |
| GEAR DIFFERENTIAL    | <input type="checkbox"/> YES            | GEAR DIFFERENTIAL | <input checked="" type="checkbox"/> YES |
| OIL                  |                                         | OIL               | 2000 /Cst                               |

|                   |                  |               |     |
|-------------------|------------------|---------------|-----|
| PINION / T        | 27               | SPUR GEAR / T | 114 |
| FINAL DRIVE RATIO | 4.22222222222222 | ROLLOUT       | NaN |

| FRONT |              | REAR |  |
|-------|--------------|------|--|
| 2.7   | XRAY SPRINGS | 2.5  |  |
| 350   | OIL / CST    | 350  |  |
|       | LENGTH /mm   |      |  |
|       | PRELOAD /mm  |      |  |
|       | REBOUND %    |      |  |

|                              |                             |                 |                              |                             |
|------------------------------|-----------------------------|-----------------|------------------------------|-----------------------------|
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | FOAM INSERTS    | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| <input type="checkbox"/> YES | <input type="checkbox"/> NO | O-RING ON SHAFT | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

|                                             |                                             |         |                                  |
|---------------------------------------------|---------------------------------------------|---------|----------------------------------|
| <input type="checkbox"/> 3 HOLES            | <input type="checkbox"/> 3 HOLES            | PISTONS | <input type="checkbox"/> 3 HOLES |
| <input checked="" type="checkbox"/> 4 HOLES | <input checked="" type="checkbox"/> 4 HOLES | 1.0mm   | <input type="checkbox"/> 4 HOLES |
|                                             |                                             | 1.1mm   |                                  |
|                                             |                                             | 1.2mm   |                                  |
|                                             |                                             | OTHERS  |                                  |

|     |              |               |              |     |
|-----|--------------|---------------|--------------|-----|
| 1.4 | THICKNESS/mm | ANTI-ROLL BAR | THICKNESS/mm | 1.2 |
|-----|--------------|---------------|--------------|-----|

|              |                 |              |
|--------------|-----------------|--------------|
| Solaris Hard | TIRES           | Solaris Hard |
| LG2          | INSERTS         | LG2          |
| 20min        | ADDITIVE        | 20min        |
|              | ADDITIVE TIMING |              |

|              |             |           |            |
|--------------|-------------|-----------|------------|
| FRONT LEFT   | FRONT RIGHT | REAR LEFT | REAR RIGHT |
|              |             |           |            |
| TREATED AREA |             |           |            |

| WHEELS |   |   |          |
|--------|---|---|----------|
| S      | M | H |          |
|        |   |   | HARDNESS |
| S      | M | H |          |

|       |             |           |         |
|-------|-------------|-----------|---------|
| MOTOR | Orca TX 4.5 | TIMING    | 10deg   |
| ROTOR |             | ARMATURE  |         |
| ESC   | Orca VX     | BATTERIES | SMC7200 |
| BODY  | LTCR        | WING      | LTCR    |

● ☒ - APPLIED S-SOFT M-MEDIUM H-HARD

| FRONT  |                                                                                                                            | SQUAT        |     | ROLL-CENTER                                                                                            |      | REAR |                                                                                                        |
|--------|----------------------------------------------------------------------------------------------------------------------------|--------------|-----|--------------------------------------------------------------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------|
| CASTER | 0° <input type="checkbox"/> 2° <input type="checkbox"/> 4° <input checked="" type="checkbox"/> 6° <input type="checkbox"/> |              |     |                                                                                                        |      |      |                                                                                                        |
| DIVE   | +0.75 <input type="checkbox"/> 0.00 <input type="checkbox"/> -0.75 <input checked="" type="checkbox"/>                     | SHIM         | /mm | +0.75 <input type="checkbox"/> 0.00 <input type="checkbox"/> -0.75 <input checked="" type="checkbox"/> | SHIM | /mm  | +0.75 <input type="checkbox"/> 0.00 <input checked="" type="checkbox"/> -0.75 <input type="checkbox"/> |
| SHIM   | /mm                                                                                                                        |              |     | SHIM                                                                                                   | /mm  |      | SHIM                                                                                                   |
| 5.2    | RIDE HEIGHT/mm                                                                                                             | 0            | 1   | 1                                                                                                      | 2    | 1    | 0                                                                                                      |
|        |                                                                                                                            | WHEELBASE/mm |     | 257                                                                                                    |      |      |                                                                                                        |
|        |                                                                                                                            |              |     |                                                                                                        |      |      | 5.7                                                                                                    |
|        |                                                                                                                            |              |     |                                                                                                        |      |      |                                                                                                        |

| FRONT                                 |                                                                                   | REAR                                                                              |                      |
|---------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|
| C-HUB                                 | SHIM                                                                              | SHIM                                                                              | SHIM                 |
| M <input type="checkbox"/>            | 2 /mm                                                                             | 1 /mm                                                                             | 1 /mm                |
| H <input checked="" type="checkbox"/> |                                                                                   |                                                                                   |                      |
| ALU <input type="checkbox"/>          |                                                                                   |                                                                                   |                      |
| STEERING BLOCK                        | LONG 52mm <input checked="" type="checkbox"/> SHORT 50mm <input type="checkbox"/> | LONG 52mm <input type="checkbox"/> SHORT 50mm <input checked="" type="checkbox"/> | CAMBER LINK LOCATION |
| M <input type="checkbox"/>            |                                                                                   |                                                                                   |                      |
| H <input checked="" type="checkbox"/> |                                                                                   |                                                                                   |                      |
| ALU <input type="checkbox"/>          |                                                                                   |                                                                                   |                      |
| OFFSET                                | STANDARD <input checked="" type="checkbox"/>                                      | DOWNSTOP /mm                                                                      | 2.5mm                |
|                                       |                                                                                   |                                                                                   |                      |
|                                       |                                                                                   |                                                                                   |                      |

| FRONT            |                | REAR         |             |
|------------------|----------------|--------------|-------------|
| TOE /deg.        | FINAL TOE IN   | OUTBOARD TOE | INBOARD TOE |
| OUT .5           |                |              |             |
| IN               |                |              |             |
| SHIM UNDER SHOCK | SHIM REAR      | SHIM         | SHIM        |
| SHIM 0 /mm       | SHIM           |              |             |
| SHIM FRONT       | ACKERMANN SHIM |              |             |
| SHIM 2 /mm       | SHIM           |              |             |
|                  |                |              |             |
|                  |                |              |             |

| FRONT                                            |                                                  | REAR                                             |                                                  |
|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| CAMBER /deg.                                     | UPPER SHOCK POSITION                             | CAMBER /deg.                                     | UPPER SHOCK POSITION                             |
| -2                                               |                                                  | -2                                               |                                                  |
| FRONT ARM                                        | REAR ARM                                         | FRONT ARM                                        | REAR ARM                                         |
| HARD (H) <input type="checkbox"/>                | HARD (H) <input type="checkbox"/>                | HARD (H) <input type="checkbox"/>                | HARD (H) <input type="checkbox"/>                |
| EXTRA-HARD (XH) <input type="checkbox"/>         | EXTRA-HARD (XH) <input type="checkbox"/>         | EXTRA-HARD (XH) <input type="checkbox"/>         | EXTRA-HARD (XH) <input type="checkbox"/>         |
| GRAPHITE (G) <input checked="" type="checkbox"/> | GRAPHITE (G) <input checked="" type="checkbox"/> | GRAPHITE (G) <input checked="" type="checkbox"/> | GRAPHITE (G) <input checked="" type="checkbox"/> |

| FRONT                                            |                                                  | REAR                                             |                                                  |
|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| BALANCE /g                                       | MOTOR HOLDER                                     | BALANCE /g                                       | BALANCE /g                                       |
| 10                                               | STANDARD <input type="checkbox"/>                | 10                                               | 10                                               |
|                                                  | OPTION <input checked="" type="checkbox"/>       |                                                  |                                                  |
| ECCENTER /mm                                     | DIFF POSITION                                    | ECCENTER /mm                                     | DIFF POSITION                                    |
| STANDARD <input checked="" type="checkbox"/>     | UP <input type="checkbox"/>                      | STANDARD <input checked="" type="checkbox"/>     | UP <input type="checkbox"/>                      |
| 1                                                | DOWN <input checked="" type="checkbox"/>         | 1                                                | DOWN <input type="checkbox"/>                    |
| LOWER SUSP. BLOCK                                | LOWER SUSP. BLOCK                                | LOWER SUSP. BLOCK                                | LOWER SUSP. BLOCK                                |
| SOLID 1 pcs <input type="checkbox"/>             | SOLID 1 pcs <input type="checkbox"/>             | SOLID 1 pcs <input type="checkbox"/>             | SOLID 1 pcs <input type="checkbox"/>             |
| SINGLE 2 pcs <input checked="" type="checkbox"/> | SINGLE 2 pcs <input checked="" type="checkbox"/> | SINGLE 2 pcs <input checked="" type="checkbox"/> | SINGLE 2 pcs <input checked="" type="checkbox"/> |

## COMMENTS

Shock pistons and arm spacing are all kit stock positions. Droop is measured above ride height. Car was very consistent from start to finish of a race. Just a little over steer on-power, but manageable.