





|   |                                   |  |
|---|-----------------------------------|--|
| <b>Motorstick</b>                       |                                   |  |
| Stick                                   | .099 g                            | 6 mm ID .013 4 # C +<br>(3) .003 Boron at 3, 6, 9, o'clock |
| Bracing wire                            |                                   | .001 Tungsten  |
| Bearing                                 |                                   | Harlan   |
| Rear hook                               |                                   | .012 music wire  |
| Webs                                    |                                   | .019 5# C  |
| Wing posts                              | .043 g (2)                        | .040 x .070 x 3.75 + 2 .003 Boron                          |
| Stub 1                                  | .053 g                            | .013 4 # C + (3) .003 boron                                |
| Stub 2                                  | .017 g                            | .013 4 # C + (3) .003 boron                                |
| <b>Boom</b>                             |                                   |  |
| Boom                                    | .123 g                            | .009 4# C + 3 .003 Boron                                   |
| Rudder                                  | .020 g                            | .025 5 # A   |
| Posts                                   |                                   | .049 sq 5# A   |
| <b>Wing</b>                             |                                   |  |
| Spars                                   | .040 g (1, no B)<br>.058 g (w/ B) | .056 x .052 -> .032 x .052<br>4.3# 126 SC + (2) boron      |
| Tips                                    | .046 g (1)                        | .015 sq -> .010 sq, M60 Carbon                             |
| Int. ribs                               | .017 g (1)                        | .039 x .027 4.2 # 114 SC + (2) boron                       |
| End ribs                                | .040 g (2)                        | .039 x .032 4.2 # 114 SC + (2) boron                       |
| Covering                                |                                   | Y2K-04   |
| <b>Stab</b>                             |                                   |  |
| Spars                                   | .020 g (1)                        | .033 x .030 4.1# 127 SC + (2) boron                        |
| Tips                                    | .039 g (2)                        | .015 sq -> .010 sq, M60 Carbon                             |
| Ribs                                    |                                   | .039 x .024 4.2 # 117 SC + (2) boron                       |
| Covering                                |                                   | OS Film  |
| <b>Prop</b>                             |                                   |  |
| Outline                                 | .061 g (1)                        | 0.015 sq -> 0.007sq M60J Carbon                            |
| Root Rib                                |                                   | .024 x .040 + (2) boron                                    |
| Other Ribs                              |                                   | .013 x .040 + (2) boron                                    |
| Spar                                    | .033 g (2)                        | .080 sq -> .030 sq 8# A                                    |
| Blades<br>(assembled<br>and<br>covered) | .197 g (2)                        | Y2K2   |
| VP hub                                  | .100 g                            | Hunt style with<br>Treger material modifications           |
| Diameter                                |                                   | 18.4   |
| <b>Motor</b>                            |                                   |  |
|   | 0.399 g May 99                    | 31.8 mg/in 1260 turns                                      |
| <b>Weights</b>                          |                                   |  |
| Stick                                   | 0.313 g                           |  |
| Boom                                    | 0.162 g                           |  |
| Wing                                    | 0.409 g                           |  |
| Stab                                    | 0.205 g                           |  |
| Prop                                    | 0.298 g                           |  |
| Ballast                                 | 0.016 g                           |  |
| Total                                   | 1.403 g                           |  |

**Quetzalcoatl is Born**



**2018 World Championships**

**27:11 + 27:01**

**West Baden Springs Hotel, 21 March 2018**

**Brett Sanborn**