

Quetzalcoatl is Born

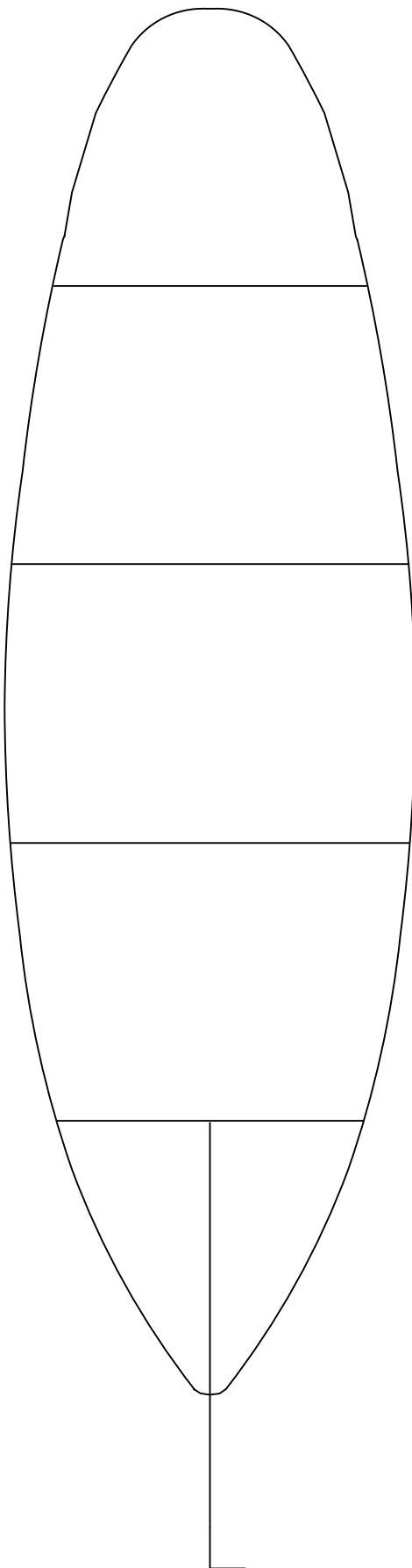


Kibbie Dome

28:23 + 28:20

Moscow, ID June 25, 2017

Brett Sanborn



Motorstick

Stick	.099 g	.013 4 # C + (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	.009 4 # C + (3) .003 boron + (2) .003 boron top and bottom

Boom

Boom	.123 g	.009 4# C + (3) .003 boron
Rudder	.020 g	.025 5 # A
Posts		.049 sq 5# A

Wing

Spars	.040 g (1, no B) .058 g (w/ B)	.056 x .052 -> .032 x .052 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

Stab

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

Prop

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
Covered	.197 g (2)	Y2K2
VP hub	.100 g	Hunt style with Treger material modifications
Diameter		18.5

Motor

0.4 g May 99		31.4 mg/in, 1305 turns in, 17.5 left
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Weights

Stick	0.298 g
Boom	0.159 g
Wing	0.403 g
Stab	0.199 g
Prop	0.298 g
<u>Ballast</u>	<u>0.350 g</u>
Total	1.401 g

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