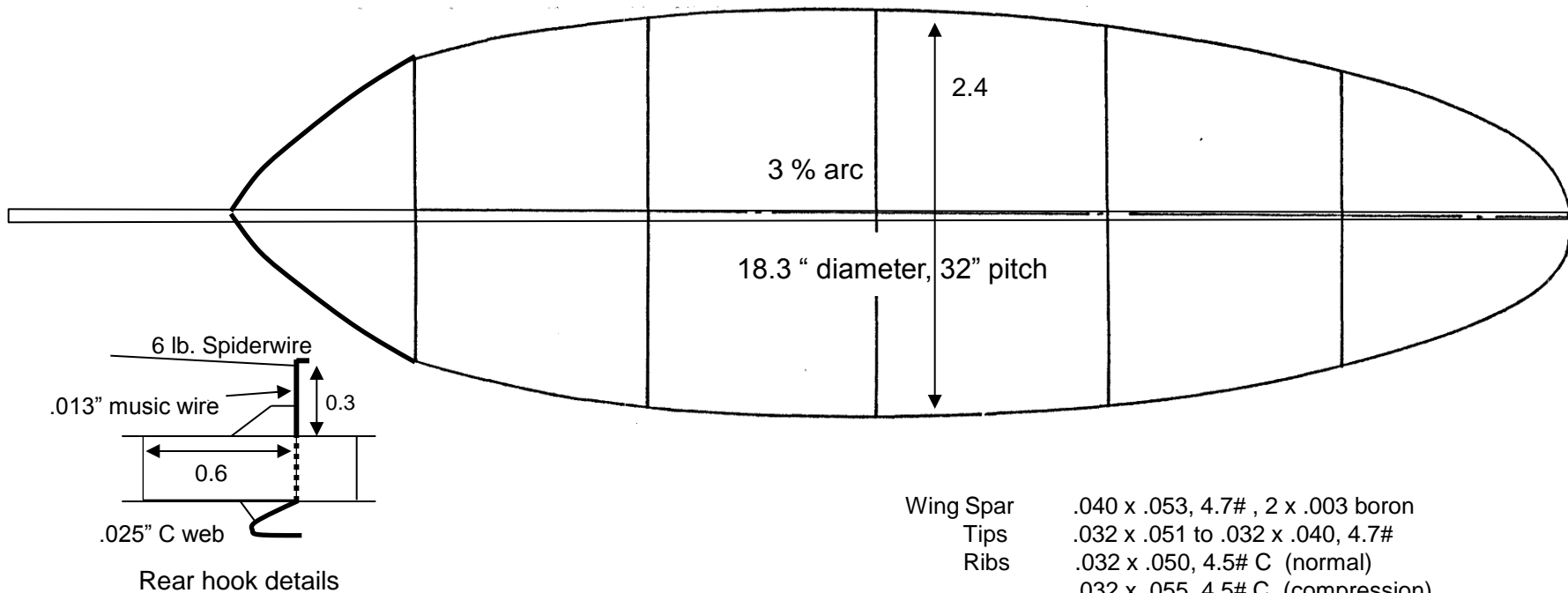


Motor Stick	.331
Tail boom +fin	.189
Wing	.324
Stab	.139
Prop	.210
Ballast	.007
<hr/>	
Total	1.20 g

"New Boy" F1D
 by Yuan Kang Lee
 1st Place
 2014 Indoor World Championship
 Slanic Prahova Salt Mine
 Romania
 37:33 + 36:05 = 73:38



Motor Stick .015 x .24 id, 4.0# C, 3 x .003 boron
 Front web .025 x .75, 5.0# C
 Rear web .025 x .60, 5.0# C
 Bracing post .060 x .060 to .040 x .040, 6#
 Bracing line 6 lb Spiderwire
 Wing posts .046 x .058, 8#, 3 x .003 boron

Extension .010 x .24 id, 4.0# C, 4 x .003 boron

Tail Boom .010, 4.8# C, 2 x .003 boron
 Stab posts .023 x .054, 6.1#

Fin .025 x .030, 5.0#, outline and rib

Wing Spar .040 x .053, 4.7# , 2 x .003 boron
 Tips .032 x .051 to .032 x .040, 4.7#
 Ribs .032 x .050, 4.5# C (normal)
 .032 x .055, 4.5# C (compression)

Stab Spar .024 x .040, 4.85# , 2 x .003 boron
 Ribs .025 x .045, 4.8# C

Prop outline .024 x .024, 5#
 Spar .078 x .070 to .030 x 0.30, 6#, 3 x .003 boron
 Ribs .024 x .024
 Diameter 18.3" (shortened from 19.2" diameter)
 Pitch 32" (40.5 deg at 6")
 32" helical block

Rubber 5/99 Tan II

(1) 37:33 .0325 g/in, 1770 turns
 (2) 36:05 .0329 g/in, 1710 turns

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