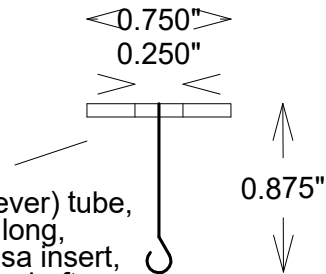


Top/Front View

Prop Hub

Polyimide (or whatever) tube,
 .064" ID, with 1/4" long,
 .064" OD 6#-7# balsa insert,
 2 teflon washers on shaft



Propeller: 15" diameter, 23" + 10° pitch setting
 (51 degrees at 4" radius on pitch gauge)

Blade: 0.010" 5# c-grain, 7.07 sq.in.,
 formed on 23" helical pitch block,
 with 2.5" radius arc for camber.
 Cut from 2: wide balsa sheet.
 Grain direction 14 degrees

Spar: 6# 298K (110SC), 0.0625" sq tapered to 0.025",
 7.375" long (or less if tubed hub is used)
 0.30" deflection at 6" with 250mg

Hub: .75" x .064" ID, .003" wall polyimide tube,
 .25" x .064" round 8#,
 1.125" x .013" music wire