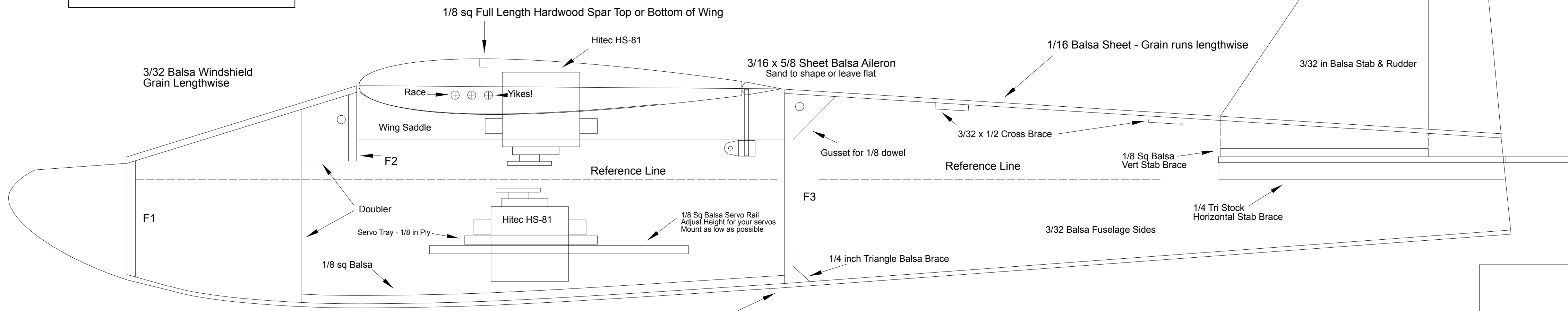


Pole Dancer for Club Pylon Racing or Sport
Specifications:
Wingspan - 24 inches
Wing Area - 156 sq inches
Length Overall - 23 1/2 inches
Weight Ready to Fly - 9 to 12 oz

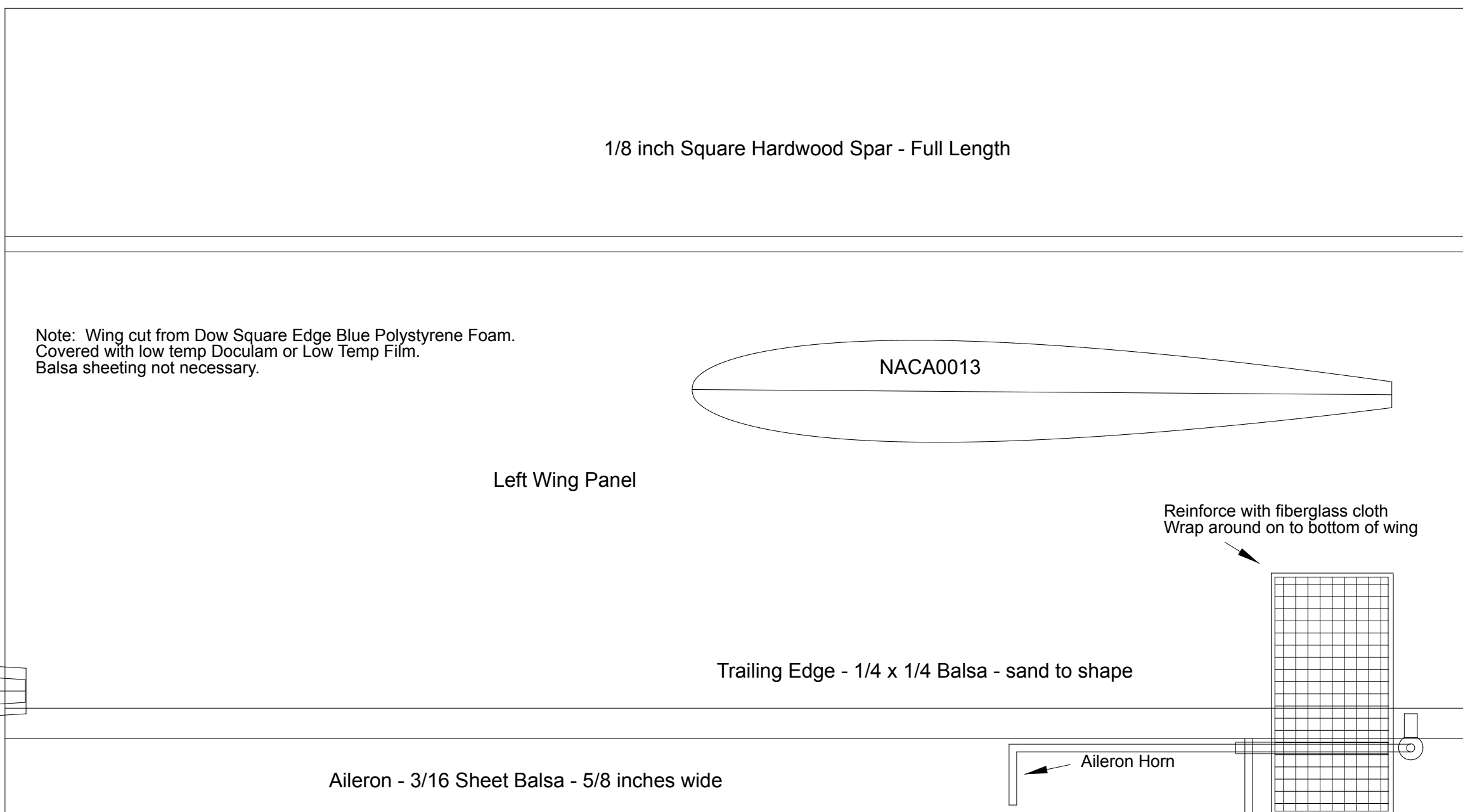
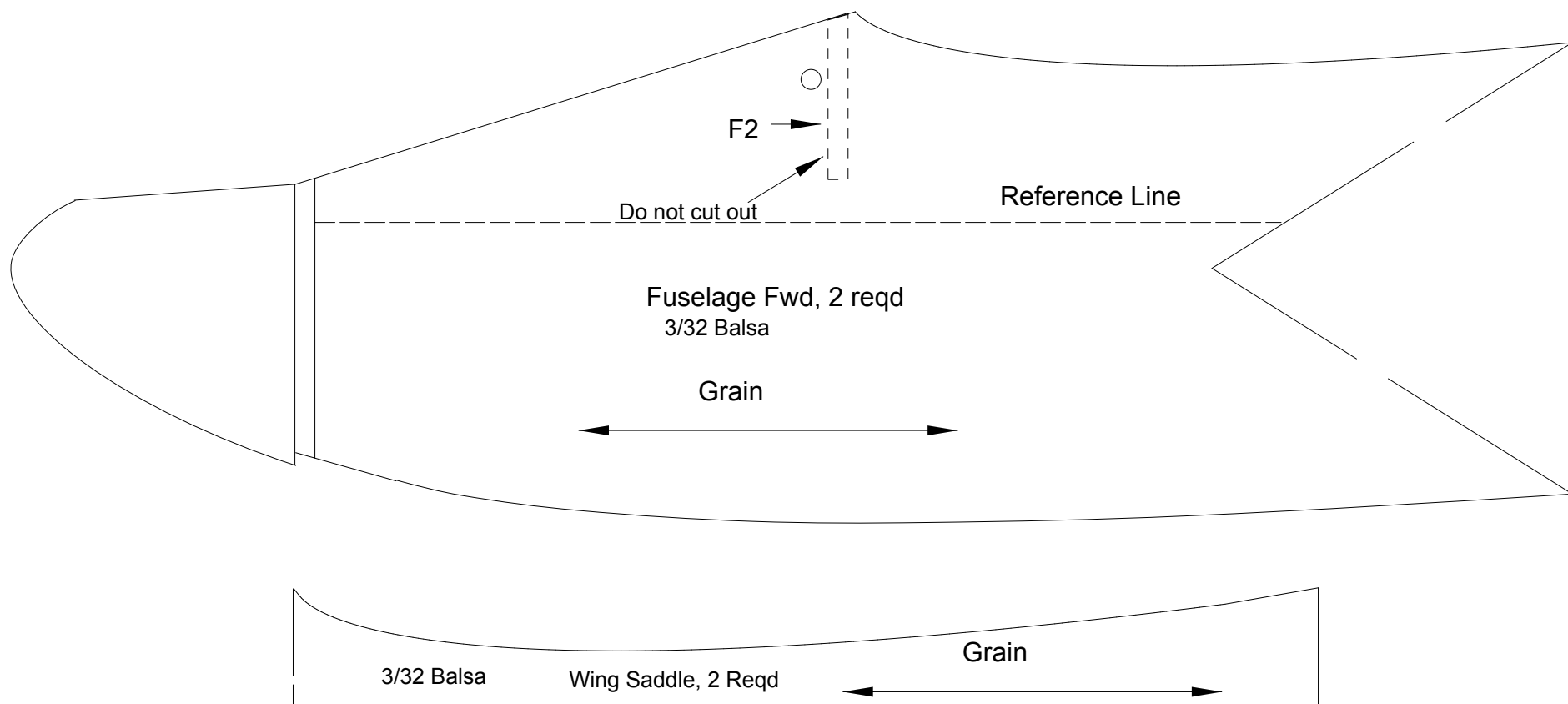
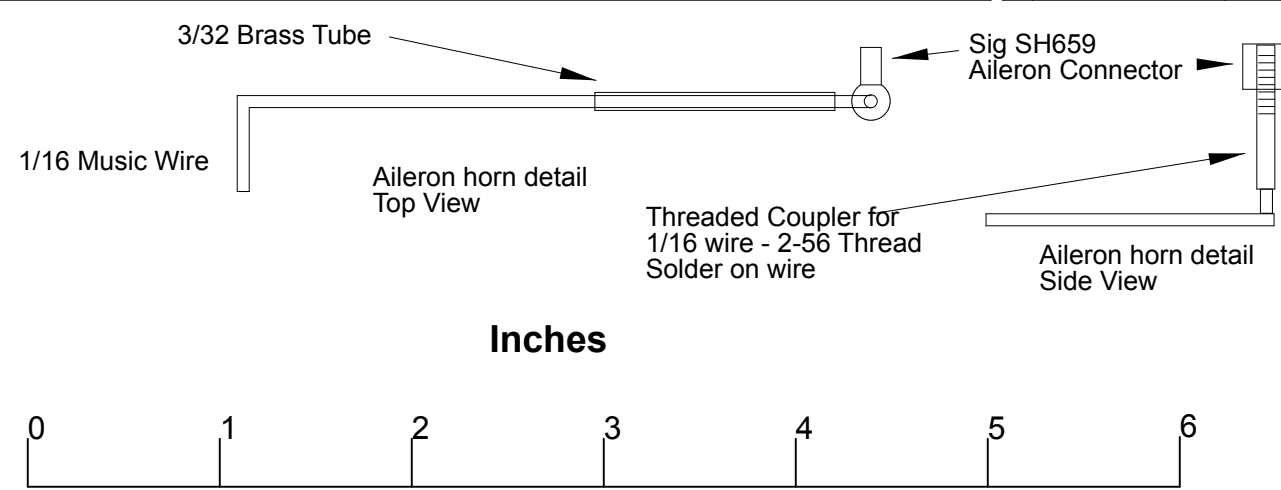
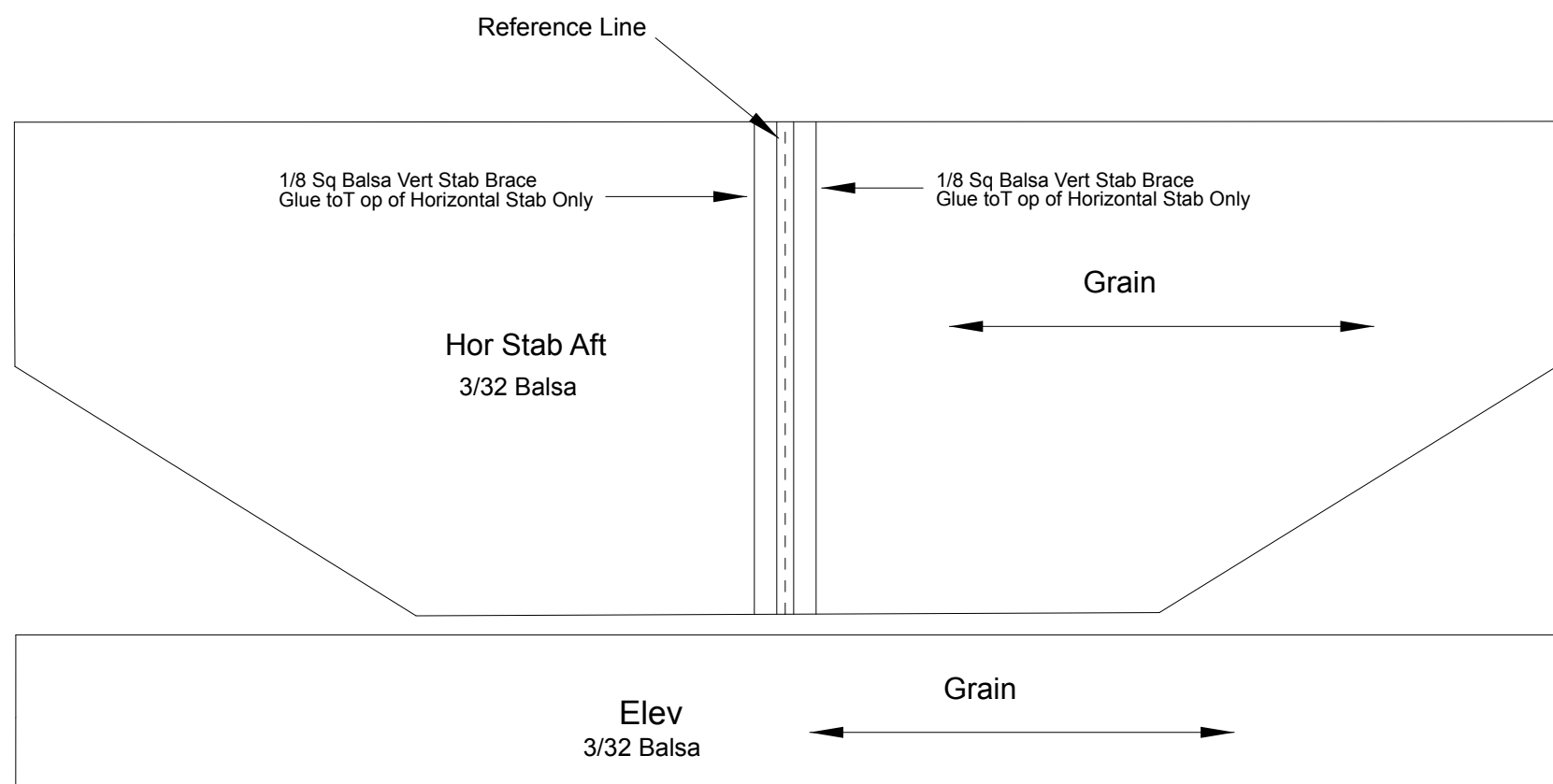
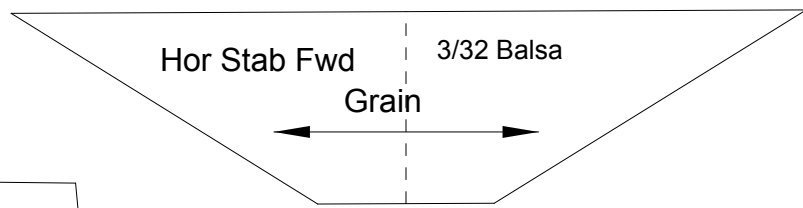
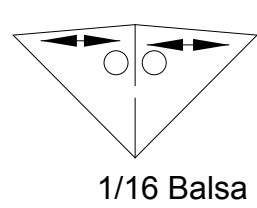
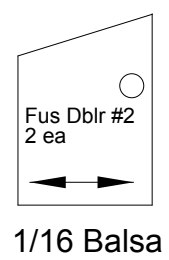
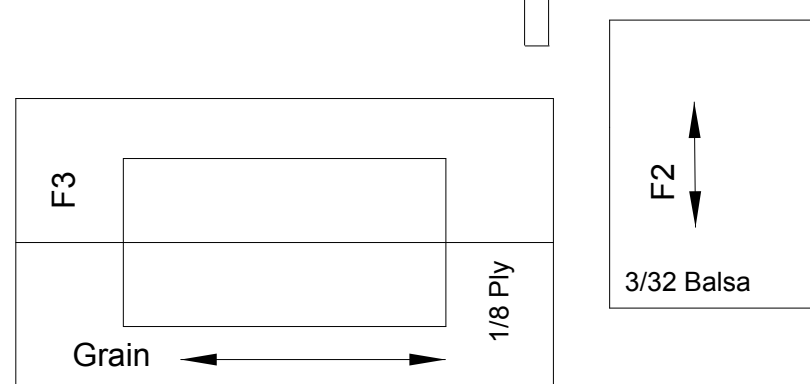
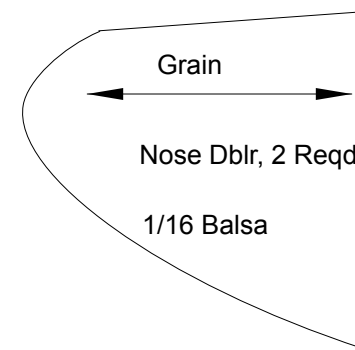
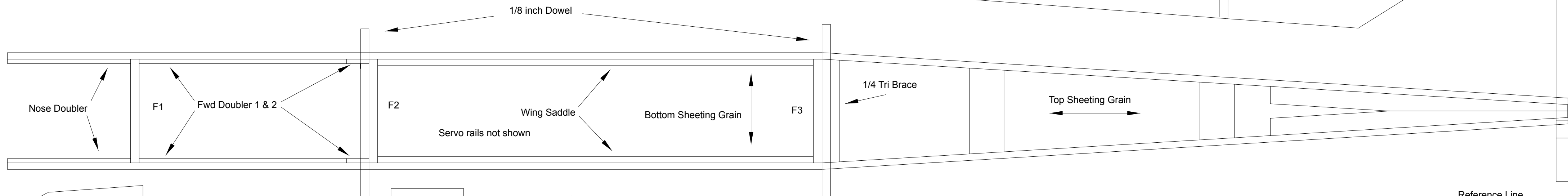
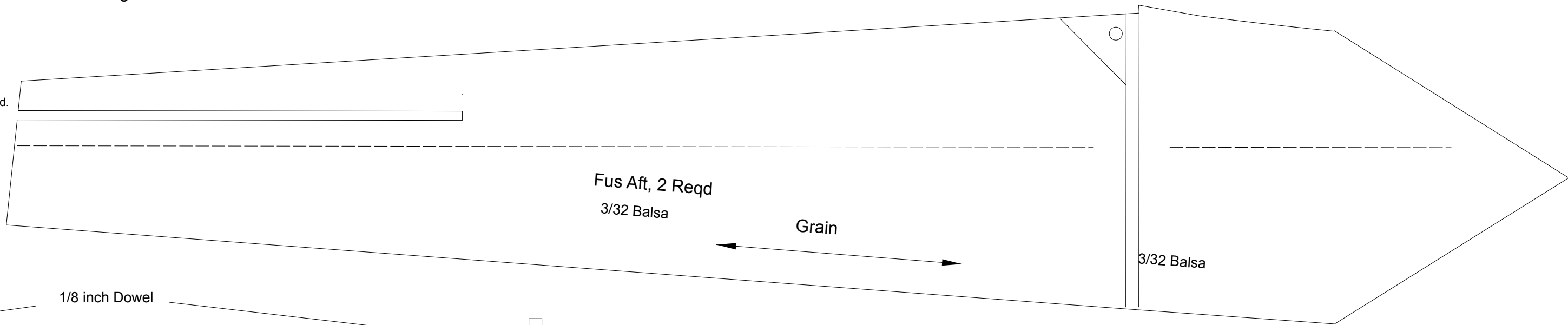
Pole Dancer



Designer Notes

- * Use light balsa for aft fuselage, medium for forward fuselage, light to medium C-Grain for Horizontal Stab.
- * Mount Fuselage Servo as low as possible to allow maximum room for Aileron Servo
- * Mount fuselage servo last - adjust fore and aft position for balance
- * Leave small gap when pulling fuselage tail together so that elevator pushrod can exit straight through tail
- * 3/16 in dowel can be substituted for wing hold downs but 1/8 have proven adequate for Cox Sure Start when coated with several coats of CA till glossy.
- * If hatch is desired, divide windshield into 2 parts, glue aft portion to fuselage and make forward portion into hatch
- * Make servo tray from 1/8 inch ply to fit your servo, glue tray to rails after determining best position for balance
- * Prototype used HS55 servos but they didn't hold up to the vibration and problems developed. HS65 or HS 81 servos recommended.
- * Attach servo rails BEF ORF gluing fuselage sides together
- * Tanks - Sullivan 1 oz works well but is heavy. Wedge type 3/4 oz or so control line tanks works very well with tank on side, wedge to bottom, fill and vent tubes stick out of the side of aircraft. Fuel feed from bottom of wedge to engine.
- * Epoxy tank to back of F1 firewall. In this case engine will quit when airplane turned upside down.

Sheet Bottom of Fwd Fuselage with 1/16 Balsa - Cross Grain



Pole Dancer 1/2A Pylon Racer by Gene LaFaille
For Cox Surestart Engines
Adapted from The Quickie by Fred Reese
November 16, 2013 - Ver 3