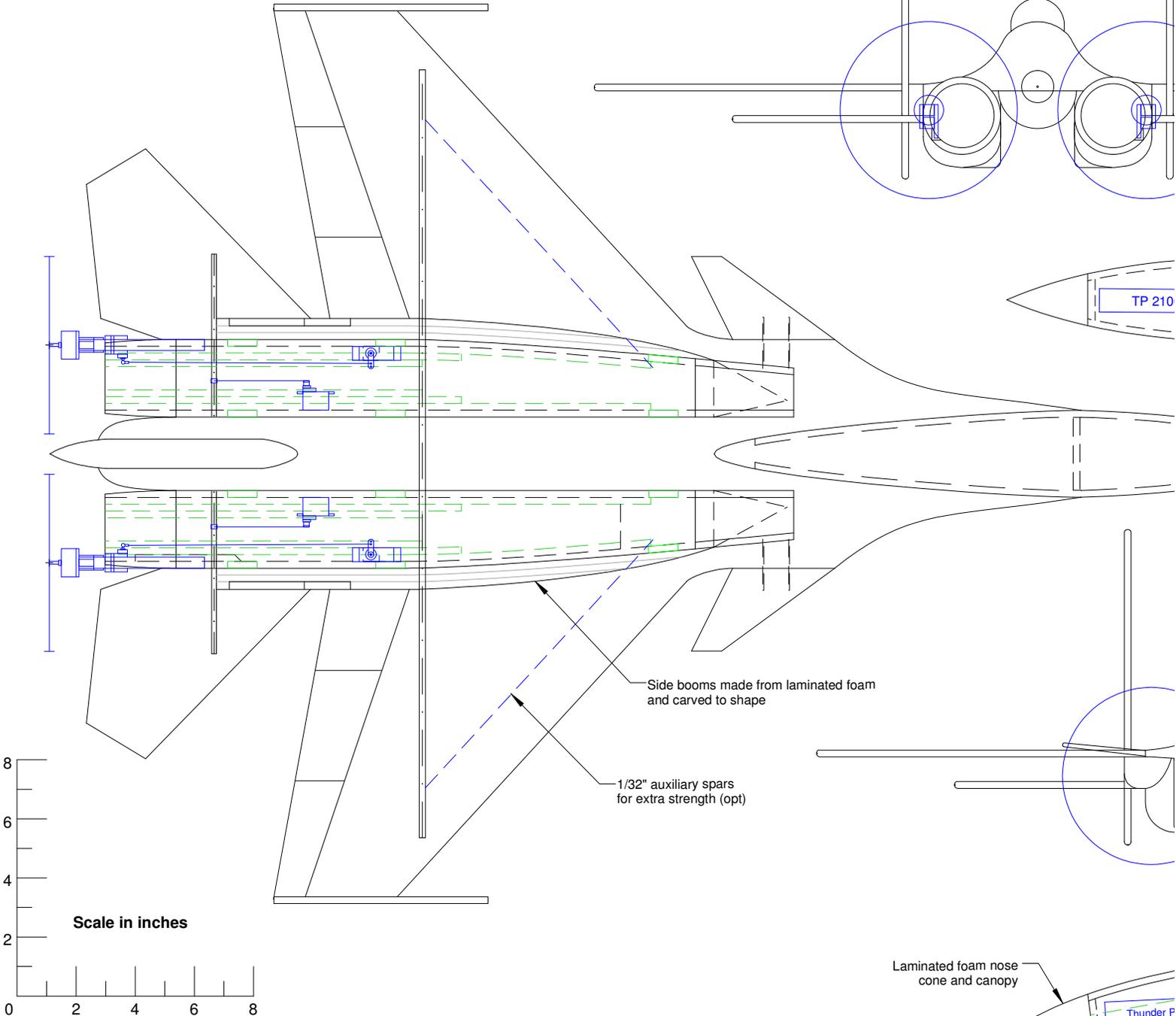


**NOTES:**

- \* All parts made from 6mm Depron or BlueCore foam unless otherwise indicated
- \* Taileron flight controls recommended
- \* Rudder and thrust vectoring are optional
- \* Recommended control deflections (all dimensions measured at root trailing edge):  
 Stabilators (pitch): +/- 1.5" (-30% expo)  
 Stabilators (roll): +/- 1.5" (-30% expo)  
 Rudder: +/- .75"  
 Thrust vectoring (both pitch and roll): +/- 1.0" (measured at spinner)

**RECOMMENDED POWER SETUP:**

- \* Two Littlecreamers Park Jet motors
- \* APC 6x4E regular and pusher props (counter-rotating)
- \* Two Castle Creations Phoenix 25 or Thunderbird 18 ESCs
- \* Thunder Power 2100 mAh 11.1V Pro Lite battery

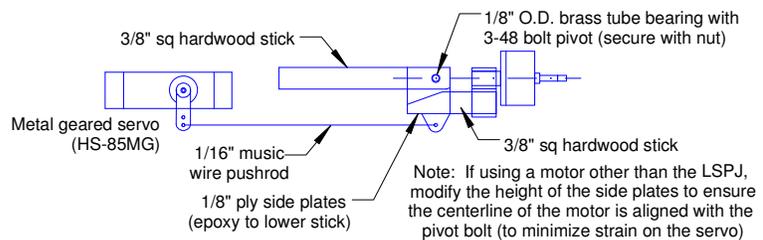


# Su-37 Super Flanker Park Jet

Span: 30"  
 Wing area: 290 sq in  
 Weight RTF: 22 to 28 oz RTF  
 Wing loading: 11 to 14 oz/sq ft

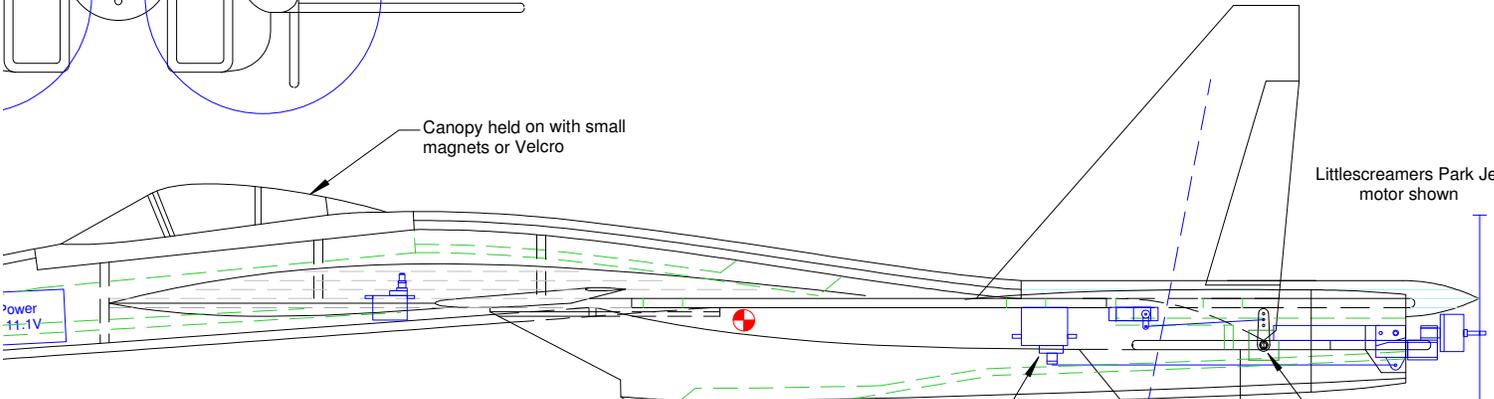
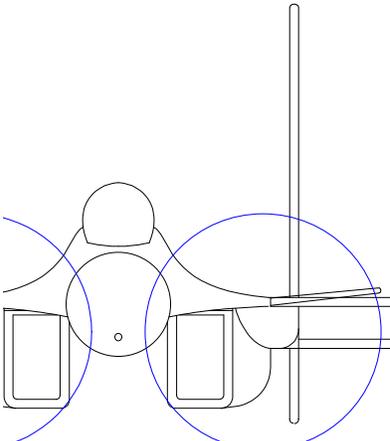
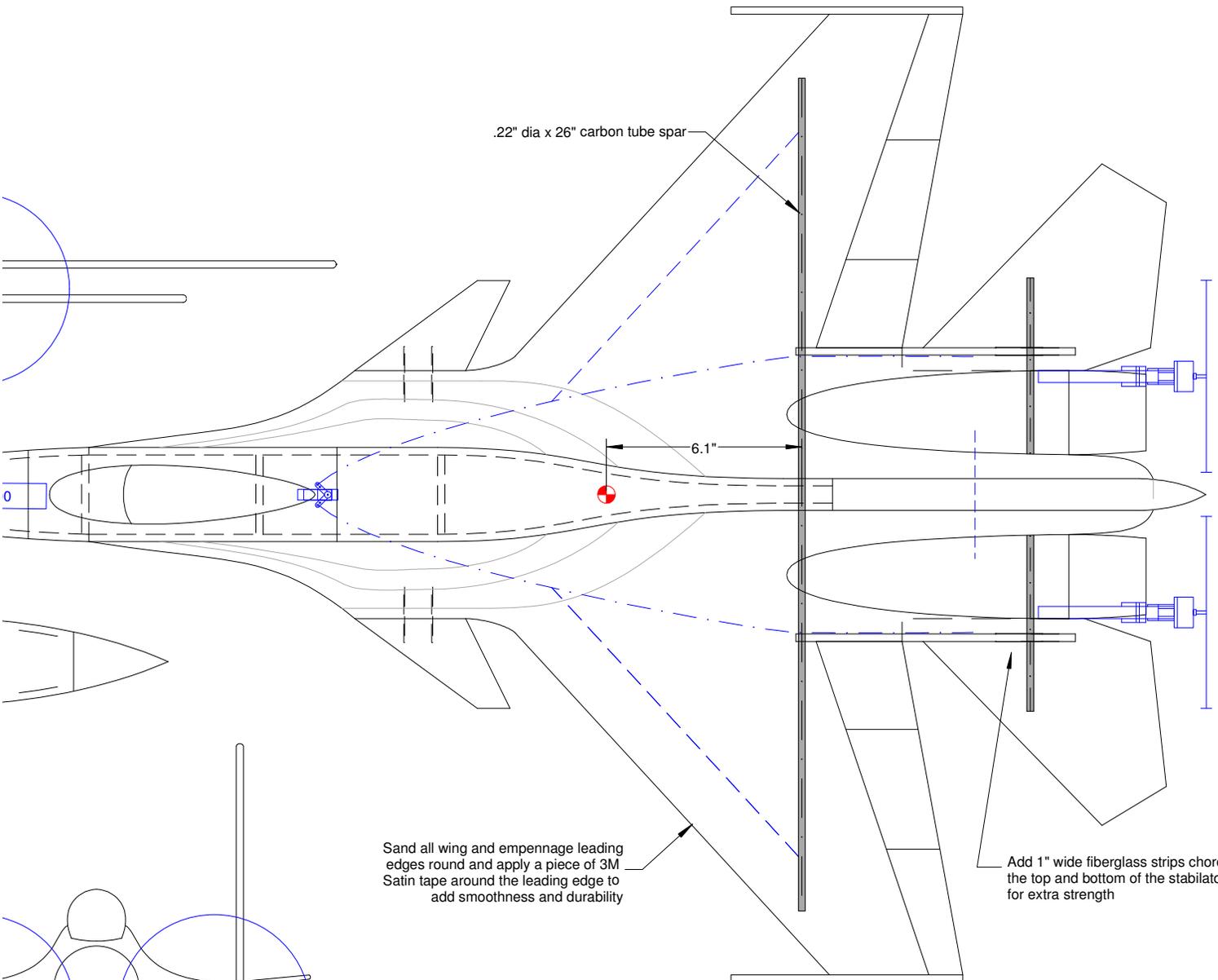
*Designed and drawn by Steve Shumate  
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### Thrust Vectoring System Detail

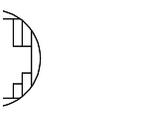


**Typical section at f**

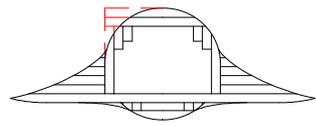




**Forward fuselage**



**Typical section at wing strake**



To simplify the thrust vectoring system and eliminate the need for separate stabilator servos, just turn this control horn over and run both the stabilators and thrust vectoring from the HS-85MG servos