

## NOTES:

- \* All parts made from 6mm Depron or 1/4" BlueCor foam unless otherwise indicated
- \* Recommended control deflections (all dimensions measured at root trailing edge):
  - Canard: +/- 1" high, +/- 0.5" low, -40% expo
  - Aft strake flaps: +/- 1" high, +/- 0.5" low, -40% expo
  - Flaperons (roll): +/- 0.75", -30% expo
  - Flaperons (pitch): +/- 0.25" (optional--mixed to canard)
  - Rudder: +/- 1.0", -25% expo (optional)
- \* Dual rates recommended on elevator control. Use high rates for launch, landing, and slow flight; use high rates for normal maneuvering
- \* Flaperon to elevator mixing is optional. It improves pitch response but is not required.

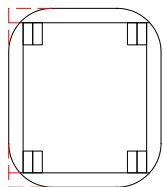
## RECOMMENDED POWER SETUP:

- \* Littlescreamers Super Park Jet motor
- \* APC 7x5 prop
- \* Castle Creations Phoenix 25 ESC
- \* 2100 mAh 11.1V lithium-polymer battery

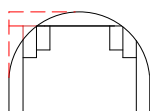
0.22" dia x 10.75" carbon tube pivoting inside  
two 0.38" pieces of 1/4" dia K&S aluminum tubing

### Typical Fuselage Cross Sections

Sand fuselage corners  
round as shown below  
(not to scale)

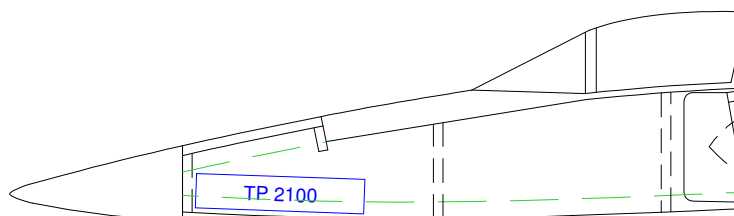
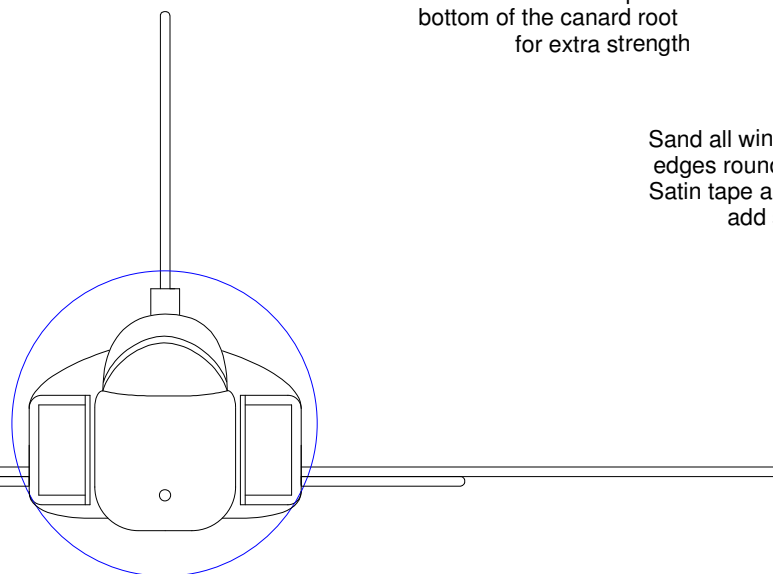
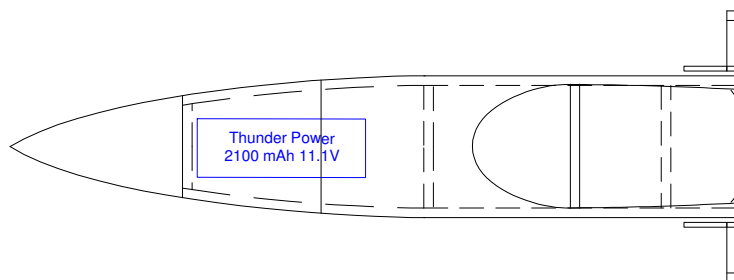
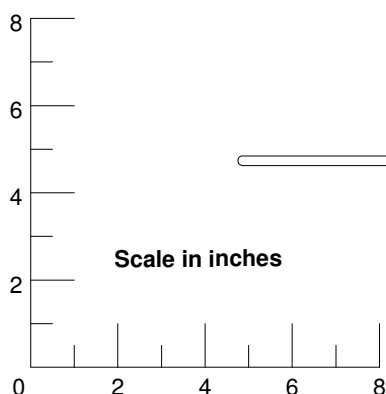


Sand turtledeck corners  
round as shown below  
(not to scale)



Add 1" wide fiberglass strips  
chordwise to the top and  
bottom of the canard root  
for extra strength

Sand all wing  
edges round  
Satin tape at  
add s



Note neutral position of canard with ( )  
is 2 deg leading edge up (canard  
edge is 5/8" above the bottom of t

## Grumman X-29 Park Jet

Span: 28.1"  
Wing area: 217 sq in  
Weight: 20 - 23 oz RTF  
Wing loading: 15 oz/sq ft

Designed and drawn by Steve Shumate  
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