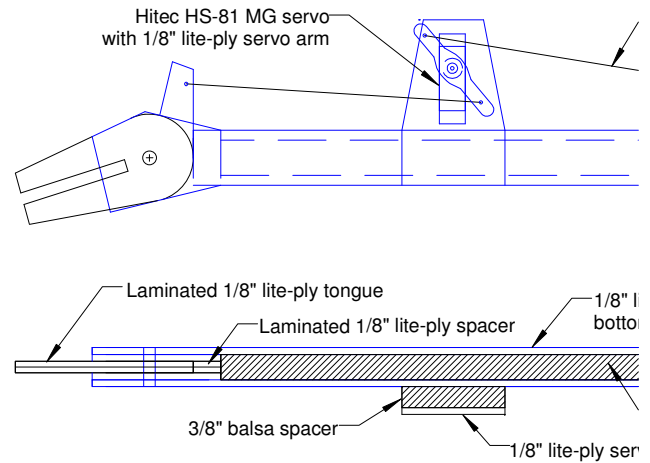


NOTES:

- * All parts are made from 6mm Depron or BlueCore foam unless otherwise indicated
- * If using BlueCore, peel the plastic covering off both sides of all fuselage parts (leave the skin on all wing and empennage parts for strength)
- * Recommended control deflections (all dimensions measured at root trailing edge):
 - Tailerons (pitch): +/- 1.5" (-40% expo)
 - Tailerons (roll): +/- 1.75" (-40% expo)
 - Rudder: +/- 7/8" (-30% expo)
- * Wing sweep to stabilator mixing is required to keep the airplane trimmed as the wing sweeps. Set it up so that swinging from full forward to full aft sweep provides 1/4" trailing edge up stabilator (about 5% mix rate)
- * Rudder control is optional and provides better control for aerobatics and low-speed high alpha flight
- * Use a heat gun to gently form the foam in the fuselage to the shapes shown

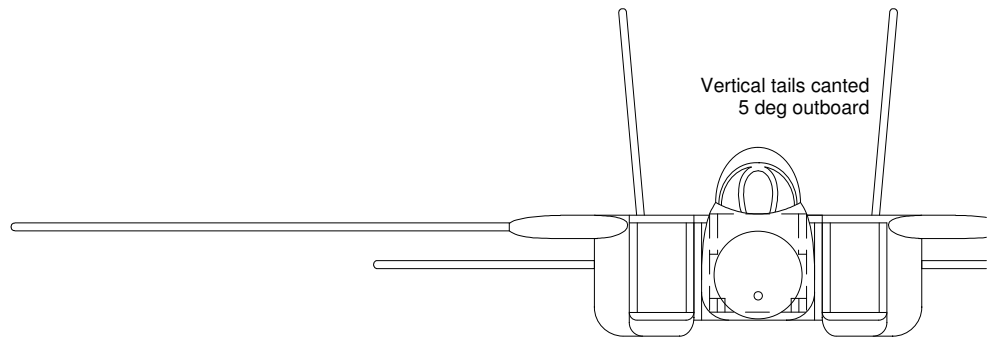
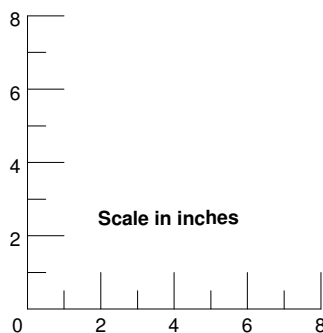
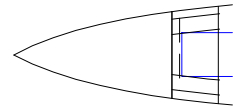
Wing Sweep Mechanism Detail



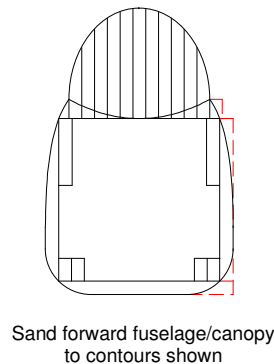
RECOMMENDED POWER SYSTEM:

- * For best results choose a power system that provides 20-25 oz static thrust and 45-50 mph pitch speed.
- * Prototype used Himax 2015-4100 with 4.4:1 gearing, 9x6 APC Slowflyer prop, 1320 mAh 11.1V lithium-polymer battery, and Castle Creations Phoenix 10 speed control

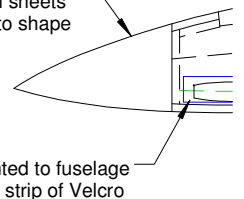
If you enjoy these plans, please consider sending a small contribution to the designer to show your appreciation for all the work that went into developing them. Suggested contribution is \$10 U.S., and can be sent via PayPal to jetset44@verizon.net. Thanks for your support!



Fuselage Cross Section Detail



Nosecone and canopy made from laminated foam sheets or foam block carved to shape



F-14 Tomcat Park Jet

Span: 40.7"/24.7"
Wing area: 220 sq in
Weight: 20 - 23 oz RTF
Wing loading: 14 oz/sq ft

Designed and drawn by Steve Shumate
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