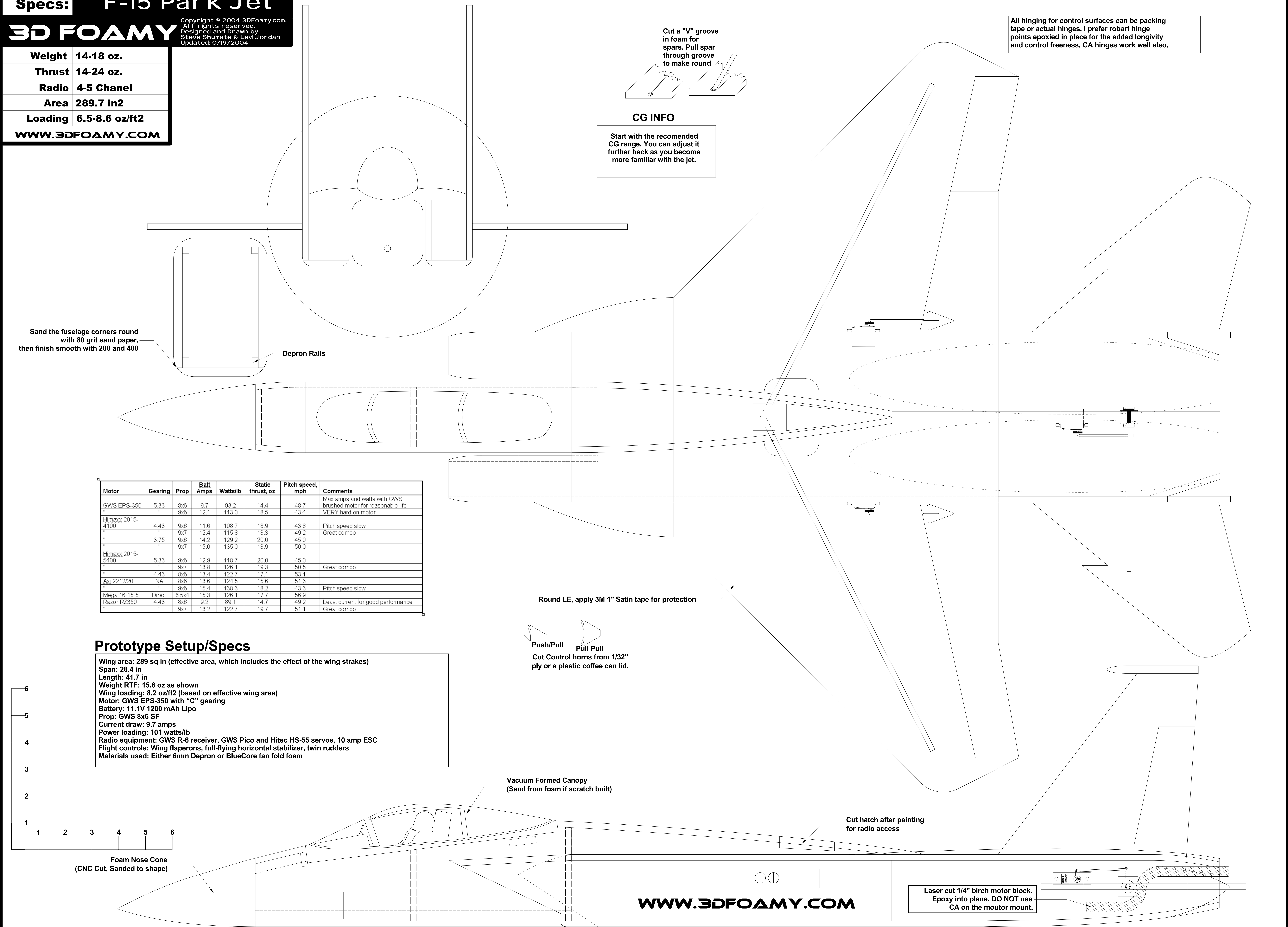


Specs: F-15 Park Jet

3D FOAMY
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Designed and Drawn by:
Steve Shumate & Levi Jordan
Updated: 0/19/2004

Weight	14-18 oz.
Thrust	14-24 oz.
Radio	4-5 Chanel
Area	289.7 in2
Loading	6.5-8.6 oz/ft2
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Motor	Gearing	Prop	Batt Amps	Watts/lb	Static thrust, oz	Pitch speed, mph	Comments
GWS EPS-350	5.33	8x6	9.7	93.2	14.4	48.7	Max amps and watts with GWS brushed motor for reasonable life
"	"	9x6	12.1	113.0	18.5	43.4	VERY hard on motor
Himaxx 2015-4100	4.43	9x6	11.6	108.7	18.9	43.8	Pitch speed slow
"	"	9x7	12.4	115.8	18.3	49.2	Great combo
"	3.75	9x6	14.2	129.2	20.0	45.0	
"	"	9x7	15.0	135.0	18.9	50.0	
Himaxx 2015-5400	5.33	9x6	12.9	118.7	20.0	45.0	
"	"	9x7	13.8	126.1	19.3	50.5	Great combo
"	4.43	8x6	13.4	122.7	17.1	53.1	
Axi 2212/20	NA	8x6	13.6	124.5	15.6	51.3	
"	"	9x6	15.4	138.3	18.2	43.3	Pitch speed slow
Mega 16-15-5	Direct	6.5x4	15.3	126.1	17.7	56.9	
Razor RZ350	4.43	8x6	9.2	89.1	14.7	49.2	Least current for good performance
"	"	9x7	13.2	122.7	19.7	51.1	Great combo

Prototype Setup/Specs
Wing area: 289 sq in (effective area, which includes the effect of the wing strakes)
Span: 28.4 in
Length: 41.7 in
Weight RTF: 15.6 oz as shown
Wing loading: 8.2 oz/ft2 (based on effective wing area)
Motor: GWS EPS-350 with "C" gearing
Battery: 11.1V 1200 mAh Lipo
Prop: GWS 8x6 SF
Current draw: 9.7 amps
Power loading: 101 watts/lb
Radio equipment: GWS R-6 receiver, GWS Pico and Hitec HS-55 servos, 10 amp ESC
Flight controls: Wing flaperons, full-flying horizontal stabilizer, twin rudders
Materials used: Either 6mm Depron or BlueCore fan fold foam

