NOTES FROM THE TWO VIDEOS:

cg=16" from nose, Will verified this, it IS IN FRONT OF THE WING LE !!! Wing 33 ¹/₂" x 23 1/2" Designed by Will Mount horn about 2 1/2" from the end of the aileron of MikeysRC.com cut top skin and mount Drawn by Dave Bacon, FlynWolverines.com dbacon@flynwolverines.com servo against the lower skin of the wing. Add a servo extension and fish the wires through the wing to the equipment bay in the center. C G Front Wing Half Rear Wing Half 70 mm EDF Jets Thrust tube made by wrapping 3mm foam 10" x 9 1/2" around a heated 3" domestic water heater chimney pipe. 4 1/2" x 3/4" gusset (2) Fuse Mid Top Panel, 11" long x 5" wide Cut out hatch 10 1/2" x 4" after mounting it. Rx Battery Access hole cut in top wing skin ESC #1 for aileron servo wires ESC #2 Top View

EDF Units: http://www.hobbypartz.com/60p-70mm-edf-combo.html

With single 2200mah bat - 1260 grams With 2 1600mah bats - 1378 grams (49 oz.) With 2 1300mah bats - 1294 grams Airframe w/ all electronics but no battery - 1014 gram

EDF LE = 1/2" forward of front bulkhead Tail side of fuse14.5" height 2.25" 7.5" to the angle start to the tail 3"W 6" long is the bottom of that tail Wire the 2200 mah batteries in parallel 60P-70MM-EDF-Combo \$47.41 (55 with ESC & 4 servos) Battery options 1 of these - http://www.hobbypartz.com/77p-sl2200-... OR 2 of these - http://www.hobbypartz.com/77p-sl1600-... OR 2 of these - http://www.hobbypartz.com/83p-1300mah... Plane weight From scratch build: Use Dollar Tree foam board, peel off paper (D.Bacon used 6mm Depron) Glue spar to the bottom sheet, then add top sheet. Glue it to the spar, then curve the LE with two yardsticks to clamp it.

Nos	e of EDF is 1/4" forward	of front bulkh	nead
Cockp 15 1/4	oit side (2) =11" long on to " on the bottom, and 3 1	op, /2" wide	
		Fu: 8 5 5" v	se Top Front is 5/8" wide on bottom, wide on top & 5 1/2"
	Nose piece is 3" wide	e x 8" long	
1 1/2"	7 "7 11 1/2"-		
		16 " 16	3/4"



Two elevator servos mounted through the side panels, as high as possible, will also use pull-pull cables.

Bill Of Materials:

HobbyPartz.com has a package of: (4) Servos specs 9g Servo DY-100 Coreless Motor, All Nylon Gear, Connector Wire Length 170MM

(1) ESC 60A Item:DYE-1006 (includes BEC) Size(mm): 52 x 25 x 8 33g: 60A

Order (2) of these Power systems (above) at:

- (2) 70mm EDF's
- (2) 60 amp ESC's

- (1) "Y" adaptor for two elevator servos
- as one will plug in to the "aux" channel on the Rx.
- (1) Rx
- (1) 5mm square CF Hobby King #CFS6 (Center of wing spar)

- (3) $\frac{1}{2}$ pieces of the same tubing for the top hatch hinge

- (6) Heatshrink tubing for these 6 sockets, above.
- Magnets for top hatch TBD
- Velcro for battery retention

Double-sided foam tape for Rx mount, wire hold-down, etc.

But it is great for mounting servos, ESCs, motor mounting, etc.

- Light wallboard filler

Water-based spray paint (Unless you found black Depron...)

on Will's forum at:



SUGGESTED BUILD PROCEDURE:

- I. Join all 6 wing parts (Not the upper skin yet) on a flat surface.
- 2. Add all 3 upper fuse bulkheads as per measurements back from the nose. And add fuse top front.







- Page 1
- 1. Nose Piece
- 2. Wing Front half (L)
- 3. Wing Front Half (R)
- 4. Wing Back Half (L)
- 5. Wing Back Half (R)
- 6. Wing Inner Back Piece(L)
- 7. Wing Inner Back Piece (R)
- 8. Wing top Skin (L)
- 9. Wing top Skin (R)
- 10. (deleted) 11. (deleted)
- 12. Fuse Top Front
- 13. Fuse Mid Top Panel
- 14. Gusset (L)
- 15. Gusset (R)
- 16. Fuse Top Sub-Wing
- 17. Fuse Top Rear Panel
- 18. Bulkhead BHT1
- 19. Bulkhead BHT2
- 20. Bulkhead BHT3
- 21. Horiz Stab & Elev
- 22. Cockpit Side (L)
- 23. Cockpit Side (R)
- 24. Fuse Upper Rear Side (L)
- 25. Fuse Upper Rear Side (R)

Page 2

- 26. Bottom Front Plate
- 27. Bottom Mid Plate
- 28. Bottom Rear Plate
- 29. Bulkhead BHB1
- 30, Bulkhead BHB2
- 31. Bulkhead BHB3
- 32. Bottom Front Side Plate (L)
- 33. Bottom Front Side Plate (R)
- 34. Bottom Mid Side Plate (L)
- 35. Bottom Mid Side Plate (R)
- 36. Bottom Rear Side Plate (L)
- 37. Bottom Rear Side Plate (R) 38. Tail Boom Bottom Front
- 39. Tail Boom Bottom Rear
- Page 3 40. Vert Stab, Front
- 41. Rudder
- 42. Vert Stab Rear
- 43. Thrust Tube (L)
- 44. Thrust Tube(R)
- 45. Nose piece (L)
- 46. Nose piece (R)

and (1) 3mm Sheet

Thrust tube (L) 3mm x 10" x 9 ½" Roll it along the 9 ¹/₂" dimension to give a 10" long tube 3 1/4" diameter

Thrust tube (R) 3mm x 10" x 9¹/₂" Roll it along the 9 ¹/₂" dimension to give a 10" long tube 3 1/4" diameter

This is the insignia D. Bacon painted on the bottom for orientation, Will used a big whiter stripe, but I forgot to tape it off when I sprayed it black.