F-16C FALCON - EASYBUILD - V1.02

Designed by Nick Cara

Depron = 6mm
Wing span = 71cm (28”)
Length = 104cm (41”)

SETUP :-

Weight (painted) = 356g
Weight (painted and with battery) = 486g
Static thrust = 650g
Prop = 6x4

Missile (attach to wing tip)

3mm or 4mm Carbon rod epoxy into V slot
Right Aileron

CM
0 1 2 3 4 5 6 7 8 9 10
INCH
0 1 2 3 4

Motor = 2000kv
ESC = 25A minimum
Battery = 1350mAh 3s1p 25C Li-Po (Can take up to 2170mAh)
Radio = 3CH (or 4CH with optional rudder)
Aileron throw = +/- 20 degrees
Elevon throw = +/- 25 degrees
Expo = 45%

NOTES:-

Bevel or curve all leading edges.
Trim and sand intake to a curve.
Use Hot Glue for all parts except carbon rod.
Protect lower edge of intake and lower fins with packing tape.
Connect both Ailerons and Elevons to a single pair of servos.
Paint use colours that will stand out in the sky, don't leave it white.

Missile (attach to wing tip)
Battery position

Control point
COG
7cm to 8cm from wing break.
Max prop size 6”
Control point

Right Elevon
Control point
Cut here for rudder (Optional)
Cut here for rudder (Optional)
Control point

Doublers (For Intake)

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Left Aileron
MOTOR MO
3mm P
Glue Plywoo
Control poin
(Make 4 fron

Left Elevon
OUNT PARTS
LYWOOD
od onto Depron
nts
m old plastic credit card)

Upper Fuse
Lower Front Fuse

Lower Rear Fuse

Tail
Cut here for rudder (Optional)
Rudder (Optional)
Control point
Rudder Servo (Optional)