F-16C FALCON - EASYBUILD - V1.02

Designed by Nick Cara

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

3mm or 4mm Carbon rod epoxy into V slot

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

SETUP :-

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

Battery position
COG
7cm to 8cm from wing break.
Max prop size 6”

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

Doublers (For Intake)

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Doublers (For Intake)

tch to acces electronics and battery

Left Aileron

Left Elevon

MOTOR MOUNT PARTS

3mm PLYWOOD

Glue Plywood onto Depron

Control points
(Make 4 from old plastic credit card)

Tail

Upp
Lower Front Fuse

per Fuse
Lower Rear Fuse

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