Sides (Make 2)
Doublers

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

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
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.

Missile (attach to wing tip)

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3mm

m or 4mm Carbon rod epoxy into V slot
Right Aileron
Control point

Right Elevon

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”
Control point

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

Doublers (For Intake)

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Left Aileron

MOTOR MOUNT PART

3mm PLYWOOD

Glue Plywood onto De

Control points

Left Elevon

TS

epron

Intake leading edge
(Depron or Balsa)
Doublers used in corners

Hatch to acces electronics and battery
Doublers

Control points
(Make 4 from old plastic

credit card)

Tail

Cut here for rudder (Optional)

Upper Fuse
Lower Front Fuse

Lower Rear Fuse

Rudder (Optional)
Control point
Rudder Servo (Optional)