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

p1, row1, col2

p1, row1, col3

p1, row1, col4

p1, row1, col5

CM

INCH

p1, row1, col6

Elevon throw = +/- 25 degrees

Expo = 45%

p1, row2, col1

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.

Doublers (For Intake

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p1, row2, col2

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Doublers (For Intake)

p1, row2, col3

p1, row2, col4

G

n to 8cm from wing break.

Control point
p1, row2, col5
Control point
Left Aileron
MOTOR MOUNT PARTS

p1, row2, col6

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

p1, row3, col1

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

p1, row3, col2

Doublers (For Intake)

p1, row3, col3

p1, row3, col4

p1, row3, col5

3mm PLYWOOD

Glue Plywood onto Depron

Control points
(Make 4 from old plastic credit card)

p1, row3, col6

Tail

p1, row4, col1

p1, row4, col2

p1, row4, col3

p1, row4, col4

p1, row4, col5

p1, row4, col6

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