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:-

g tip)
ng tip)
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
Right Aileron
Right Elevon
Control point

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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Battery position
COG
7cm to 8cm from wing break.
Max prop size 6”
Hatch to acces electronics and battery

Control point
Cut here for rudder (Optional)
Cut here for rudder (Optional)
Control point
Control point
Left Elevon
Left Aileron
MOTOR MOUNT PARTS
3mm PLYWOOD
Glue Plywood onto Depron
Control points
(Make 4 from old plastic credit card)

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

Doublers

Lower Front Fuse

Upper Fuse
Lower Rear Fuse

(Make 4 from old plastic credit card)
Tail
Cut here for rudder (Optional)
Rudder (Optional)
Control point
Rudder Servo (Optional)