F-16C FALCON - EASYBUILD - V1.02

Designed by Nick Cara

Doublers

CM
0
1
2
INCH
0

4 5 6 7 8 9 10
2 3 4

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 t
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 p
Connect both Ailerons and Elevons to a single pai
Paint use colours that will stand out in the sky, do

170mAh)

king tape.
f servos.
leave it white.

3mm or 4mm
Battery position
COG
7cm to 8cm from wing break.

ɔon rod epoxy into V slot
Right Aileron
Control point

Right Elevon
Control point
Cut here for rudder (Optional)

Doublers (For Intake)
Doublers (For Intake)
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Control point
Left Aileron
MOTOR MOUNT PARTS
3mm PLYWOOD

Cut here for rudder (Optional)
Control point
Left Elevon

In
(D
Doub

e leading edge
on or Balsa)
used in corners

Doublers
Hatch to acces electronics and
Doublers

:ery

Glue Plywood onto Depron

Control points
(Make 4 from old plastic credit card)

Tail

Upper Fuse
Lower Front Fuse

Lower Rear Fuse

Cu
Rudder Se

re for rudder (Optional)
Rudder (Optional)
Control point
Optional)