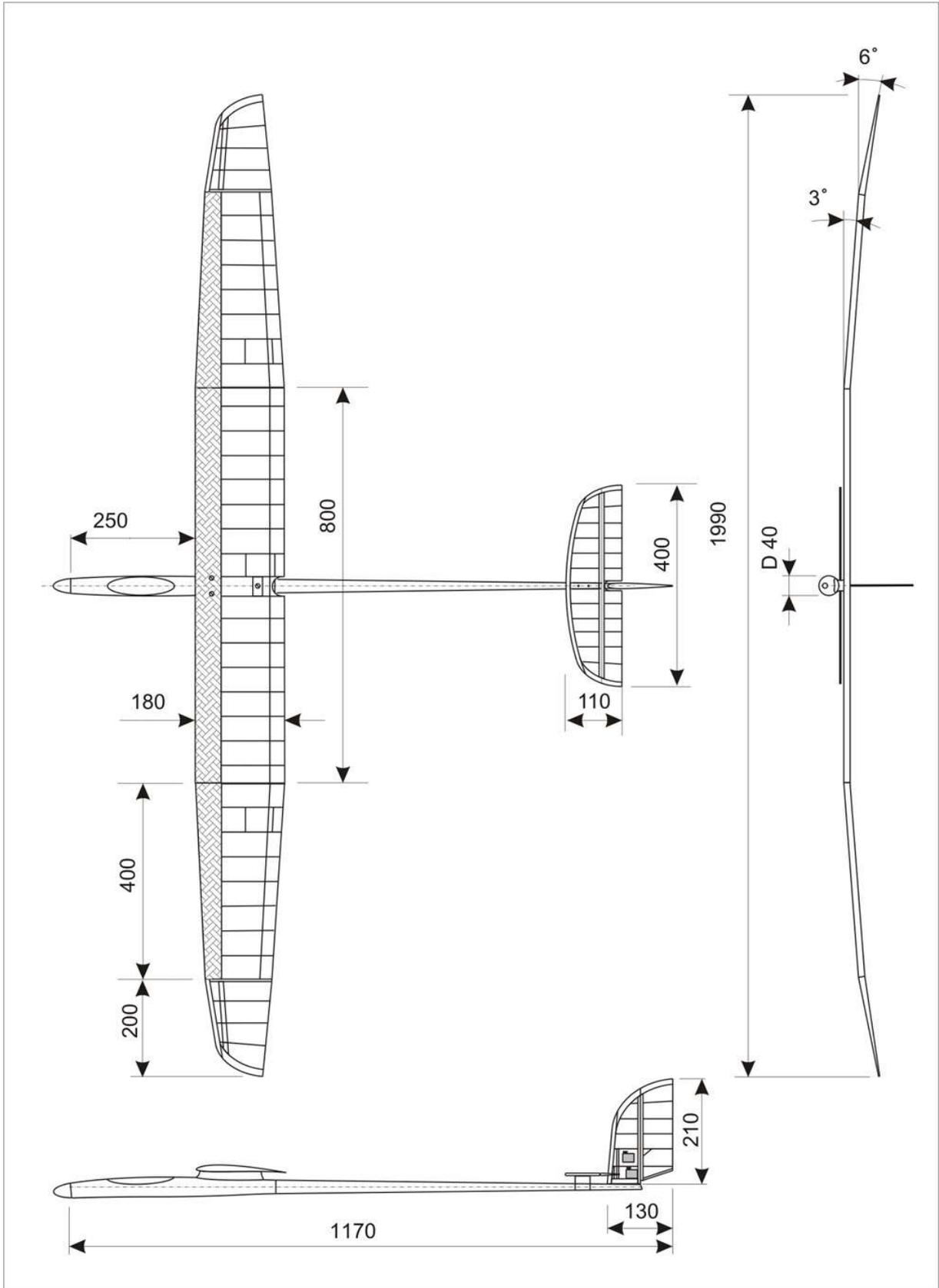


Pulsar Pro 2e Build Info



V1.1 3/8/15

Pulsar Pro 2 Electric Specifications		
Wing span	2.0 m	79 in
Wing area	32.0 dm²	496 sq in
Length	117 cm	46.1 in
Flying weight from	556 g	19.6 oz
Wing loading	17.4 g/dm	5.7 oz/sq ft
Aspect ratio	12.5	
Wing airfoil	AG25 mod	
Dihedral (EDA)	4.0°	
Spinner Diameter	30 mm	
Centre of Gravity	65 - 75 mm from wing leading edge	
Controls	Rudder, elevator, ailerons, flap, motor	

Pulsar Pro 2 Electric Typical Weights		
Fuselage	59 g	2.1 oz
Centre panel	99 g	3.5 oz
Wing tips	118 g	4.2 oz
Tailplane	18 g	0.6 oz
Fin	13 g	0.5 oz
Accessories	22 g	0.8 oz
Total structure	330 g	11.6 oz
Glue etc	3 g	0.1 oz
Wiring	18 g	0.6 oz
Receiver	10 g	0.4 oz
Rudder & elevator servos	10 g	0.4 oz
Wing servos	18 g	0.6 oz
Speed control	25 g	0.9 oz
Motor	40 g	1.4 oz
Prop & spinner	22 g	0.8 oz
Battery	80 g	2.8 oz
Flying weight	556 g	19.6 oz

Recommended Servos

Elevator & rudder (2 servos)

[MKS DS65K](#), [MKS DS6100](#), [HyperFlight DS57](#), [KST DS245](#), [Ripmax SD100](#)

Flap (1 servo)

[MKS DS65K](#), [MKS DS6100](#), [Hyperion DS09-AMD](#), [Hyperion DS09-SMD](#), [Ripmax SD150](#), [HyperFlight DS57](#), [KST DS245](#)

Ailerons (2 servos)

[MKS DS65K](#), [HyperFlight DS57](#), [Ripmax SD100](#), [KST DS245](#)

Recommended Powertrains

Hacker A10-7L geared 4.4:1, 3S 900mAh LiPo, 12x10 folding prop, 12A, 7.5m/s

Hacker A10-7L geared 4.4:1, 3S 900mAh LiPo, 13x8 folding prop, 13A, 8.5 m/s

Hacker B20-18L geared 4:1, 2S 900mAh LiPo, 12x7 folding prop, 12A, 5.0 m/s

Hacker B20-18L geared 4:1, 3S 900mAh LiPo, 10x5 folding prop, 11A, 5.4 m/s

Warning, this is not a toy!

If you are new to the hobby of flying RC model airplanes, DO NOT attempt to fly this model by yourself! There are hundreds of BMFA (British Model Flying Association) clubs in the UK. Ask your local hobby shop for the location of the nearest club in your area, or check out the www.bmfa.org.uk web site. Many clubs often have qualified instructors to teach you how to fly. If you are an accomplished pilot then you should have no problem in flying this model. However the model can fly very fast, and is potentially a lethal object. Do fly responsibly, and make sure your third party liability (eg BMFA) insurance is valid.

Limit of Liability

All Pulsar models are constructed to the highest standard and made strong enough for all reasonable powertrains and reasonable usage by an experienced and responsible r/c aircraft pilot. By keeping this model you confirm that the parts have not been structurally damaged and are fit for purpose as received.

The craftsmanship, attention to detail, and actions of the builder/flyer of this model airplane kit will ultimately determine the airworthiness, flight performance, and the safety of the finished model. You confirm that you take full responsibility for the safe usage, construction, and maintenance of the model, and you will not hold HyperFlight.co.uk or its owners, staff, agents, contractors, or helpers in any way responsible for any damage or injury that may occur as a result of operating or flying this model. HyperFlight's sole obligation shall be to replace those parts of the kit proven to be defective or missing. If you are not willing to agree to this binding condition of sale please return the model in as-received condition to HyperFlight for a refund.

Parts List

Wing (3 pieces)

Fuselage pod with carbon canopy hatch

Carbon fibre tailboom

Fin & rudder assembly

Horizontal stabiliser (tailplane)

Accessories bag

Other equipment needed to complete and fly the model

Radio with receiver and 5 servos
Plugs & sockets for easy wing servo connection
R/C extension leads for the tail servos and wing servos
Electronic speed control (ESC)
- possibly with a 3A Battery Eliminator Circuit (BEC)
Flight battery & suitable battery charger
Motor, gearbox & mounting bolts
Prop hub and spinner
Folding prop blades

NOTE: It is your responsibility source suitable components and to check, and if necessary do additional gluing to all critical joints and mounting parts. Parts may come loose during shipping and in operation, so to eliminate the possibility of model failure please double check and make good as required.

Equipment and Linkage Installation

