

QEF Pylon Racing Preliminary Rules 12/2007

In a nutshell, this is a stock, entry level electric pylon racing class. The concept is simple: Build your QEF and equip it exactly per the design and exactly like everyone else builds theirs. Since the planes will all be the same, the better pilot will win.

Please do not modify your plane because you will end up with something that you are not allowed to race against other pilots with.

Required Equipment:

1. "Quick E! Finish" (QEF) built exactly according to the plans and kit. No structural modifications of any type are allowed. No modification to the airfoil is allowed, period. Tail feathers shall maintain the kit size and shape and may be sanded to an airfoil shape.
2. Wing must be constructed from built up balsa per the kit. No foam wing cores. No shortening of the span. Wing tips must be installed per design.
3. No fiberglass, carbon fiber, or other similar material is allowed in this class (excluding use as servo pushrods).
4. Stock Outrunner Motor only. No exceptions.
5. Stock GWS 4040 Propeller is supplied for practice. We will most likely race with APC 4.1x4.1 Electric propellers. No modification of any kind will be allowed to racing props. (The GWS orange propeller needs shaft enlargement to fit the kit supplied prop adapter.)
6. All QEF must have landing gear. Landing gear must be sized and bent according to the plan.
7. All QEF must have a tailskid of wire or nylon.
8. Plane must be numbered on the left wing top, either side of wing on the bottom, and vertical fin (both sides).
9. Numbers must be at least the size shown on plan and read-able from a distance.

Please use a bold color scheme with contrasting accents to help personalize your plane and assist "in flight" identification.

Allowed modifications:

1. Radio equipment of any type may be used. 2.4 Ghz is recommended.
2. Any servos may be used provided they are of comparable size and strength to the ones included in the kit.
3. Radio equipment placement including servo support plates, torque rods, tubes, etc.
4. The addition of rudder control is permitted.
5. Paint or heat shrink covering may be used of any type.
6. Wheels of any type may be used. Stock wheels included in the kit are intended for practice.
7. Any Lithium Polymer battery pack up to 1000 mah and 3S can be used.

The Racing Referee will have the authority to interpret these rules to determine the eligibility of your airplane to race in the QEF class. Let's keep the fun in this by staying honest and building per the design! See you out at the field!