WindWalker 4840-LP

Wing Span: 48" or 1220mm
Wing Area: 437 sq.Inch or 3.035 sq.feet
Expected AUW: ~750 gms or 26.4 oz

Recommended Skill Level
to Build: Beginner/Intermedite
to Fly: Beginner

Control Channels required: 4(minimum)
(Aileron, Elevator, Throttle, Rudder)

Maximum Propeller Diameter: 9"
Main Gear & Nose Gear Diameter: 75mm & 45mm respectively.

Total number of servos used: 5 (9grm micro servos)
(1-1 for elevator & Rudder, 1 for Steering and 2 for Ailerons)

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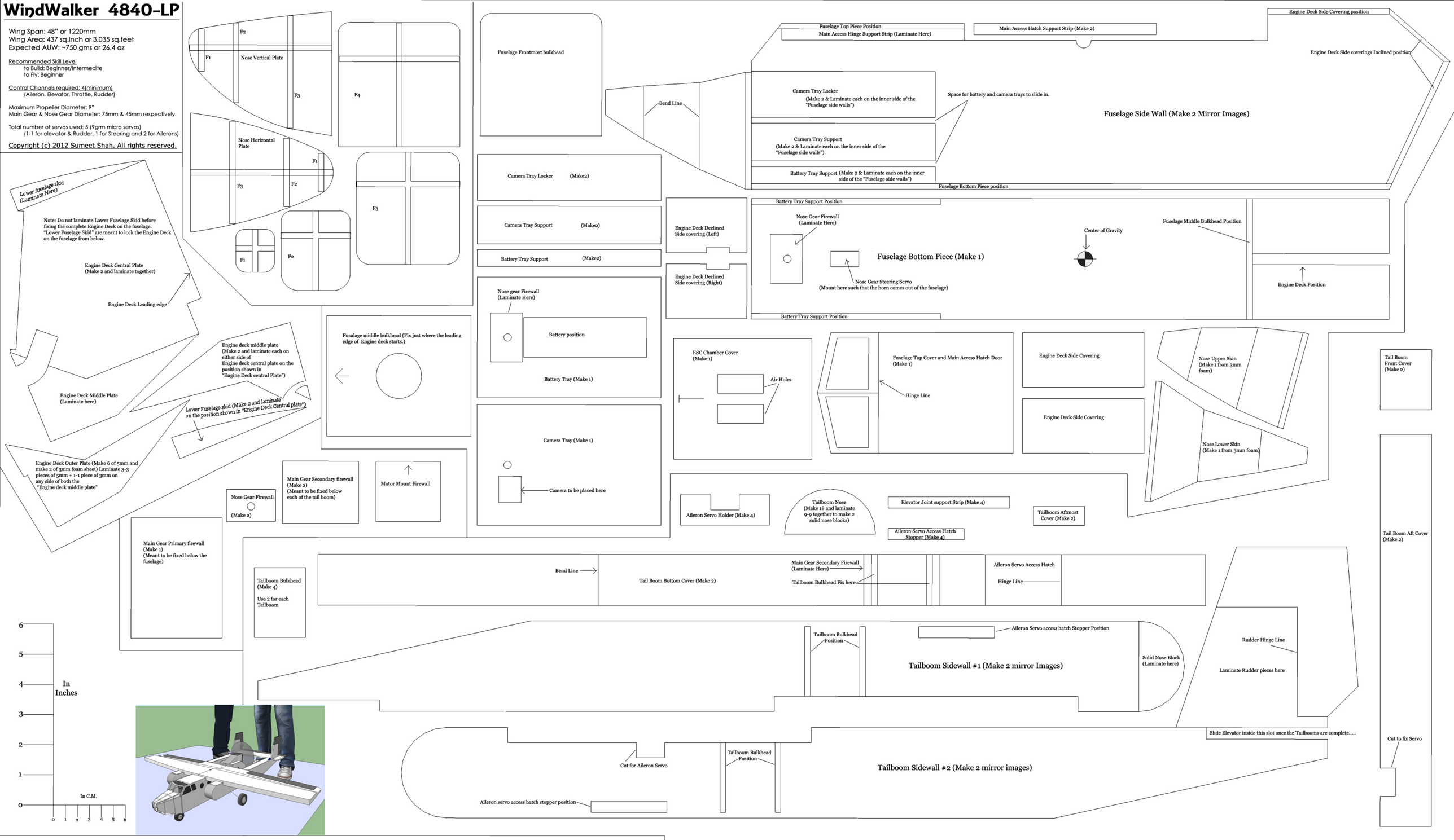

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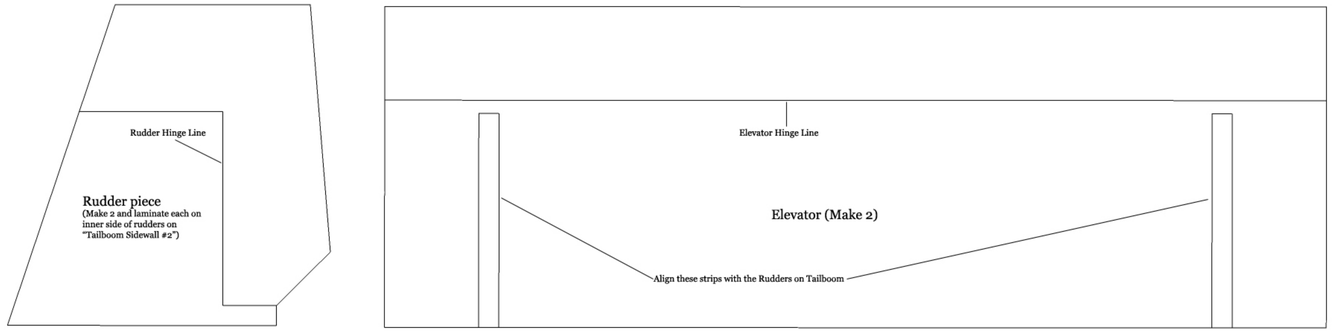
This aircraft is specially designed for the beginners who just want to learn flying. It is a high winger plane which means it will stabilize itself in the wind after a turn or bank naturally. Apart from that, The motor mount is positioned pretty higher on the fuselage which will help minimizing the unwanted torque roll effect during immediate throttle responses. The wing area is large enough to keep wing loading low. The wing airfoil is KFM3 which has already proved to be heavy lifter and easy to build. Its Tricycle type landing gears and steerable nose wheel will also create less trouble during take-off unlike the conventional Tail Dragger type gears. Further, Two servos are used for the aileron, one for each side, which means further modifications to achieve Flaperon functionality will be easier. Theoritically, The plane has 15mph Stall speed and 44mph static pitch speed (with the AUW 750gms) which means a wide range of flyers will enjoy flying this plane at various speed. To maintainence and replacement of electronic parts, Everything is made accesible by the help of various access hatches. The more exciting feature is that it has enough space in front of the fuselage to mount FPV camera. Even the plan prescribes the perfect spot inside the fuselage where the camera can be mounted to achieve a wide viewfront as in real planes. One more thing that needs to be mentioned that, The place where ESC is to be placed is a Air cooling chamber itself which has large intake and outlets for air during flight. This will keep the ESC cool during flight which is desirable by almost every modeller & flyer. Apart from this, The motor itself is mounted open. There is no need of any cover as the open motor doesn't compromises with plane's looks. The battery is mounted far below in to the fuselage due to which the center of gravity is much below on the vertical axis which will cause reverse roll effect when the plane is bank either due to control deflection or motor torque. I hope you enjoy building and flying this plane. Please feel free to contact me on below email address in case you need any assistance regarding the build.

So, gear up and go flying...

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