1) Video Instruction and help on-line.
2) Supplies: Scissors, Craft Glue (carpenter or white), Glue Stick (optional)

3) Craft Glue: Apply to model with toothpick. Spread a thin layer quickly. Less is more.

Keep a blob of glue on flat end of a glue stick cover.

4) Glue Stick (Step A-E only): Place balsa strips against table while applying glue stick or they'll break. You can use Craft Glue instead but use very little!

5) See ruler (right) for list of parts and lengths.

Wing

Lay Wing Tissue on flat surface. For step A to E, use glue stick for wood to tissue and craft glue for wood to wood.

Glue: Craft Glue only from now on! Glue F, G, H, I, J.

A - 12" Balsa strip roughly centered left to right on tissue.

Tailplanes

Glue M and N to another tissue strip. Snip off Fin and Tailplane on dotted line.

Tail Tissue

Keep Extra Tissue (for optional)

Two pieces of tissue are required. Your kit may have extra tissue.

Safety: Children need supervision. Do not fly plane on or near roadway or other dangerous places. Do not climb trees, buildings, posts or any structure. Do not put parts in mouth. Choking hazard. Keep propeller away from eyes.

Included: 1/16 x 3/16" Balsa Strips: 2-12", 2-6", 6-2", 1-4", 4-1/4" Motor Stick: 1/8 x 3/8 x 12", 2- Toothpick, Propeller with mount (6"), 10" Elastic Motor Loop (1/8" rubber), #8 Elastic Band, Tissue Paper 2-17x2.5"
The Motorstick is the thicker 12" strip. Glue O, P, Q, R on top. Make sure the 6" balsa Wing Seat (R) is nice and square against the Motorstick and is top aligned.

After gluing Tailplane to Motorstick (below) it's important to set the assembly on the edge of the table or on a glass so that the Tailplane glue joint stays square and strong. Wait for all the glue to dry. Trim extra tissue using scissors on the wing and tailplanes. Attach wing with small elastic (below). Pre-stretch the elastic to soften it. Strap the wing on the top of the Motorstick. Move wing carefully so it's about 1 1/4" from the front.

Tail Plane

Motor & Propeller

Tail Plane

Viewing bottom

Wing Mount

Launch

Handling - Pick up a Squirrel by nose (propeller mount). When retrieving from bushes or other predicaments, move slowly and carefully. Store in small box with wing removed or larger box with wing installed. Avoid water or moisture.

Winding - Wnd and launch the plane while holding it underneath the wing (below). Wind propeller clockwise from front. If elastic is too long to hook on toothpick pre-wind it (below). Then hook the elastic on the toothpick to continue winding. You will need about 150-200 turns for test flights and 300 turns for regular flying. Too many turns and the elastic can break causing damage to the plane.

Pre-winding

Launch

Release propeller, wait a second then push plane forward gently and level.

Making it Fly - Adjusting the wing forward causes the plane to climb. Adjusting it back causes it to sink. The idea is to find the sweet spot where it climbs gently after launching. If plane is new or has not been flown for a while it may need some trim flights (test flights) in order to find the right wing position. Start with a wing adjustment about 1.25" (3cm) from front. If the plane fails to climb with 200 propeller turns, move wing forward (perhaps 1mm at a time). If the plane chugs around with its nose in the air or stalls repeatedly, move wing back a bit. Repeat launch with 200 turns and adjusting wing until it flies nicely. Then start increasing winds for each flight till you reach 400-500 turns. With care your Squirrel can last years. Happy Flying!

Tips

Flying - Wnd and launch the plane while holding it underneath the wing (below). Wind propeller clockwise from front. If elastic is too long to hook on toothpick pre-wind it (below). Then hook the elastic on the toothpick to continue winding. You will need about 150-200 turns for test flights and 300 turns for regular flying. Too many turns and the elastic can break causing damage to the plane.

Pre-winding

Hook elastic to toothpick after pre-winding.

Continue winding after prewinding is complete.