Flight Distance: 10-200m Weight: 10g Calories: 0

Assembly Time: Expert 10m, Beginner 40-60m

unless glue stick is stated. Place balsa

4 - Glue balsa shard <1/2", (1cm) to 2"

strip (see 4a). Glue assembly on top

0 - Visit www.rubber-power.com

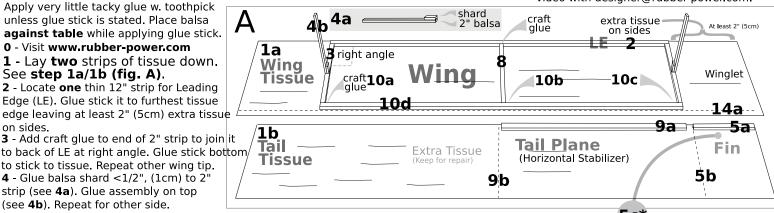
See step la/lb (fig. A).

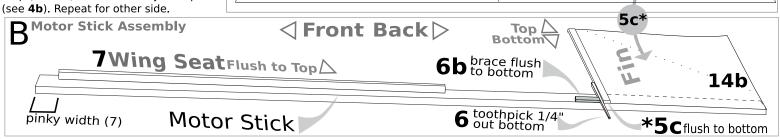
on sides.

High Performance Safety - Do not chase plane onto roadway or Model Airplane other dangerous places. By like clinical meed buildings, posts or any structure. Children need other dangerous places. Do not climb trees, supervision. Do not put parts in mouth, Choking hazard. Keep propeller away from eyes.

abber-Power.com

Free Instruction video, tips & support at Web Share experiences, comments, photo & video with designer@rubber-power.com.





5 - Glue 2" strip to edge of tissue for fin (see 5a). Cut with scissors (5b). Glue fin to 12" (thick) motor stick (fig. B, 5c). Tissue runs to back of motor stick.

6 - Break toothpick in half. Glue thick piece to motor stick and front of fin (fig B). It hangs underneath about 1/4" (5mm). Glue balsa shard (<1/2", <1cm) brace in

front of tooth pick. **7** - Glue 6" (13cm) strip to motor stick to form wing seat. Glued to **side** but flush with top. It is a pinky width from front of motor stick.

8 - Add glue to end of 2" wing center and glue stick to bottom (fig. A). Use 6" strip to find center of 12" wing.

9 - Craft glue 6" strip to tissue (9a). Snip off (9b). Add glue to bottom of fin just behind toothpick (fig C, 9c). Add glue all the way to back of motor stick. Tissue faces motor stick, glue tail plane. For glue drying, balance motorstick on table edge so tail plane is in the air.

10 - Add glue to back of strips (see 10a, 10b & 10c, fig. A). Add glue stick to 12" strip. Glue in place. DO NOT CUT extra tissue at sides.

11 - Glue 4" (10cm) wing handle fig. D) 12 - Glue shard (<1/2", <1cm) to bottom of wing as shim. Side with shim becomes front of wing (fig. E).

Mini Inspection

a) Are the four joints at the four corners of the wing glued securely? b) Is the tailplane glued securely to the Motor Stick?

c) Are the winglets secure?

If not, glue again and wait till dry. Use scrap balsa to splint joints if desired.

13 - Holding balsa upright with finger and add glue to outer side (Fig. D). While it from bottom up. Repeat other side.

Add Cover to any glue containers **14** - Snip extra tissue from winglets (fig D), fin (fig B) and tail plane (fig C).

15 - Tie 20" (45cm) elastic into a 10" loop using square knot (if not already tied). Hook 10" loop to metal loop at back of propeller. The knot goes furthest from propeller. Put propeller down.

Back Toothpick Wing Bottom Tail Plane 14c 9€ Glue is under 6" piece and underneath tissue from toothpick back 12 Wing Shim Fin Motor **16a** Add Elastic Viewing bottom Stick 166 13 Once Wing Handle is in place, pick up by it. **Wing Handle** Winglet 11 Wing right angle 16cStretch Front **⁄14**a

16 - Loop elastic onto motor stick (16a, Fig. F). Place wing on wing mount with shim in front. Shim faces down and winglets face up (16b). While holding wing in place by wing handle, stretch elastic over top of wing and back onto front of motor stick - Write your name and phone (16c). Move wing carefully so that it's about 1" from the front. 17 - Mount propeller on motor stick. Prop. shaft below motor stick. Add tick marks to motor stick to Large elastic will hang down.

Pictures - Submit pictures to Web site and share with friends. Handling - Pick up a Squirrel by nose. 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 - Wind propeller clockwise from front with one hand while using the other hand to hold motor stick underneath wing paper rudder to leading edge of fin. If elastic is too long to hook on toothpick prewind it as follows. The **Supplies** - Scissors, Tacky Glue (eg. hand that his pinching the plane from underneath can also hold the elastic band so that it is stretched from back of propeller. 30-40 turns can now be added till the elastic is knotting up. Then carefully hook the elastic on the toothpick. You will need about 150-200 turns for test flights and 400 turns for regular flying. Be holding balsa upright press tissue against careful, too many turns and the elastic can break causing damage.

Flying - If plane is new or has not been flow for a while it will need some trim flights (test flights) in order to find the right wing position. Start with a wing adjustment about 1" (2.5cm) from front. Test airplane with about 200 winds. Hold plane by motor stick underneath wing with one hand and use other hand to hold propeller. When launching, release propeller, then wait 1 second befor launching gently. Launch level. If the plane fails to climb with 200 turns, move wing forward (perhaps 1mm at a time). If the plane chuggs 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 - See video instruction at www.Rubber-Power.com.

-Flies best with no wind or <5km/h.

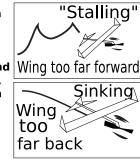
number on your Squirrel.

note wing position once wing is adjusted.

- Decorate your Squirrel with different colored tissue, markers and ink stamping.

-Attach paper aileron to rear of either wing for turning. Also can attach

Aleene's), Glue Stick Materials 1/16 x 3/16" Balsa Strips: 2-12", 2-6", 6-2", 1-4", 4-1/2"; 1/8 x 3/8 x 12" Motor Stick, Toothpick, Propeller with mount (5-6"), 10" Elastic Motor Loop



Mentorsheet v1069 Revised Apr 22, 2010 ©Darcy Whyte, 2004, 2009, 2010