

## Flying Squirrel Box John Carroll design modified from several others Simple Design (should work for both northern and southern flying squirrels)



### Parts List

- 1 – 1x8x8ft. Pine or other (can be rough sawn)
- 1 – 1x10x4ft. Pine or other
- Box – 1 ½ inch finishing nails (nail gun works well)
- Box – 1 inch finishing nails
- 2 – 1 ½ inch-ish deck screws
- 2 – ¾ inch wood screws
- 1 – 1 ½ inch L screw
- 1 – Metal 50 amp circuit faceplate (with 1.5 or slightly larger hole—keeps out other squirrels)
- 1 – 1x2 (mounting board)
- 1 – small scrap board to go under hole

### Main Cuts

1. From the 1x8 cut 4 pieces 14 inches each. (4 sides)
2. From the 1x8 cut 1 piece about 6 inches (this is the bottom and length will vary depending on wood thickness—so dry fit and measure exact length)
3. From 1x10 cut 1 piece 12 inches. (roof)
4. From 1x2 cut 1 piece 20 inches. (mounting board)

### Other wood cutting

1. For side with the entrance drill a 1.5 inch hole. Center hole 2 ¼ inches from the back and 2 ½ inches from the top. You can then go ahead and mount the metal plate with ¾ inch wood screws.
2. For the side opposite entrance hole to create a cleanout door. Best done with chop saw—set for about 25 degree to bevel the top edge. This bevel will be on outside and allows the door to open on the screw hinge.
3. On the same side as in #2, on the bottom of plank in the center draw a ¾ inch vertical line up from bottom. Saw this but make wide enough so the L screw fits (see picture). This is the lock for the door.

### Putting it together

1. Start by nailing the entrance side to the back side. Make sure your fit these so you are nailing through the back into the edge of the side.
2. Now nail the front to the entrance plank so that front and back are attached the same way.
3. Dry fit the door side with the bevel at the top and on outside. Here a clamp works well front to back to hold the plank in place.
4. About 2 inches from the top drill small pilot holes through front and back into the edge of the door side. Put a screw in each—now you have your hinge.
5. Fit the floor into the bottom and nail (except for the door)
6. With door closed screw in L screw so it holds the door shut. I like to do it tight enough that you need plier to turn so that the L aligns with the slot to open.
7. Mount roof flush with back and even overhang on sides
8. Mount back with even overhang top and bottom. Drill hole near end for mounting nail.
9. Nail on scrap wood below entrance.
10. Open box and use a razor knife to scratch wood inside to give the squirrels surface to grip. You can make horizontal partial cuts on on side with your chop saw before assembling.

## Photos



### Back

Use several screws and nails to attach mounting board to back of house – this makes putting on a pole or tree much easier.



### Door Side

I use two screws near the top and an L screw in the bottom – simple and effective. You can use hinges and a hasp.



### Bottom

Recess the bottom slightly to help water drain.