

# Rolan Krap's Ft. White Folder

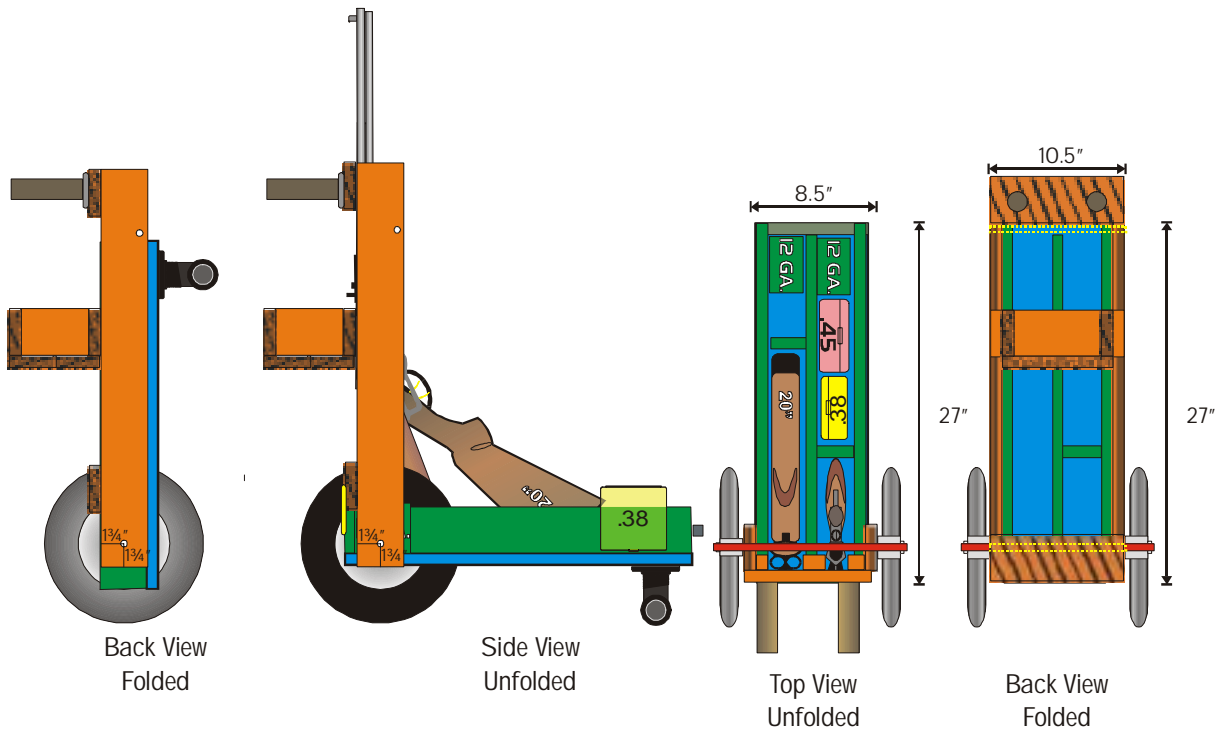
I came up with this cart on the way home from the Shootout on the Santa Fe River in Ft. White Florida. This is the cart that Bea Itchin has been asking for low these many years. A light, small cart that will hold two guns and fit in the back of her SUV. And so, here it is.

Of the cart's that I've designed, this is about the cheapest to build.

These plans are free for all to use, but not for commercial builders. If you do use them I'd appreciate it if you'd seen a picture to [steier@bellsouth.net](mailto:steier@bellsouth.net).

Yours,

Rolan Krap's  
SASS #24084



## Materials Needed

2 - 1"x4"x8'

½" Steel Rod for axel

4 - Washers

2 - 5/16" Retaining Clips

1 - ½" Dowel Rod

2 - 12" Wheels

2 - Toolbox latches

2 - 6" taper screw in legs (for Handles)

2 - Angle Top Plates for handles

1 - 9"x36" shelf

1 - 1" floor flange

1 - 1" steel T junction

2 - 1" steel nipples

2 - 1" steel Caps

1 - 1" Connector

Soft Leather for Gun Rack

### Optional Materials

Extra wood to make box to mount across top, horizontal support for wallets, keys, smokes, and tools.

Paint or stain

## Step 1 - Preparing the Lower Cart

Cut three lengths of 1x4 to 27".

Clamp the three boards together, spacing the middle board (which will serve as a divider) forward by ¾"

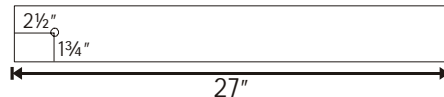
Drill a ½" hole through all three boards. 2½" by 1¾" (as shown below) Set aside. This hole will be the pivot point for the gun rack and also serve as the axel for the cart.

Rip a piece of the shelving to 8 ¼" wide by 27" long

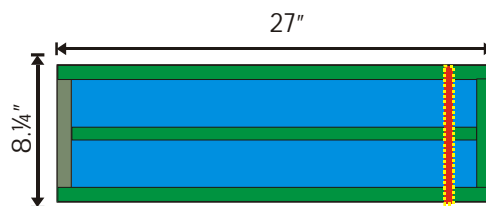
Cut 2 lengths of 1x4 board to 8 ¼"

**Optional:** I mitered the corners, then glued them and permit them to set. This is an optional step. You may also drill, and screw holes from the sides. This may alter the overall dimensions of your cart.

Side of Box



Drill the base of the shelf and secure sides to form a box. Measure and cut the center divider and secure from the bottom. Looking from the top, the finished product from this step should look like the illustration below:



Rip a small piece of left over wood from the shelf that measures 1" by 8¼".

Attach this to the front of the base so that the bottom of the piece is 2¼". This "lip" will keep the gun cart together when it's folded.

## Step 2 – Building the Gun Rack

OK, we're off to a great start. Now it's time to build the gun rack. This part of the plans are not so "cut and dry" because you'll have to cut dividers to fit your guns. Don't panic, it's easy.

Start by cutting two pieces of 1x4 30½".

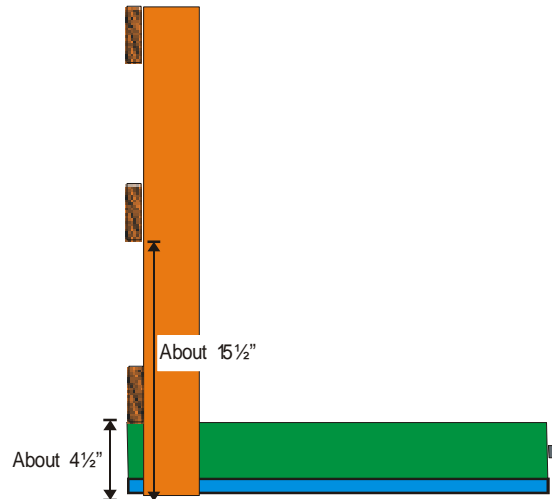
Clamp the two boards together and drill holes as indicated.



The hole at the bottom of the Vertical piece (shown horizontal) is for the axel and pivot point. The hole at the top is a dowel rod to hold your long guns in place, and to lock the cart closed when the cart is folded.

Now it's time to attach the cross pieces for the cart. This is tricky. I just placed the vertical supports on either side of the box (from step 1) and clamped them together.

**Important.** Study this well! If you mess this up (like I did) you'll be taking it apart later!



Note in particular that the vertical uprights are not flush with the rear of the cart, but offset about ¼". This is so when the cart is open, it rests on the back of the tray/bottom (this is where we'll attach the toolbox latches later).

Also note that the lower horizontal support is not at the bottom of the cart, but almost 4-4½" from the bottom.

The top most horizontal support does go flush with the top.

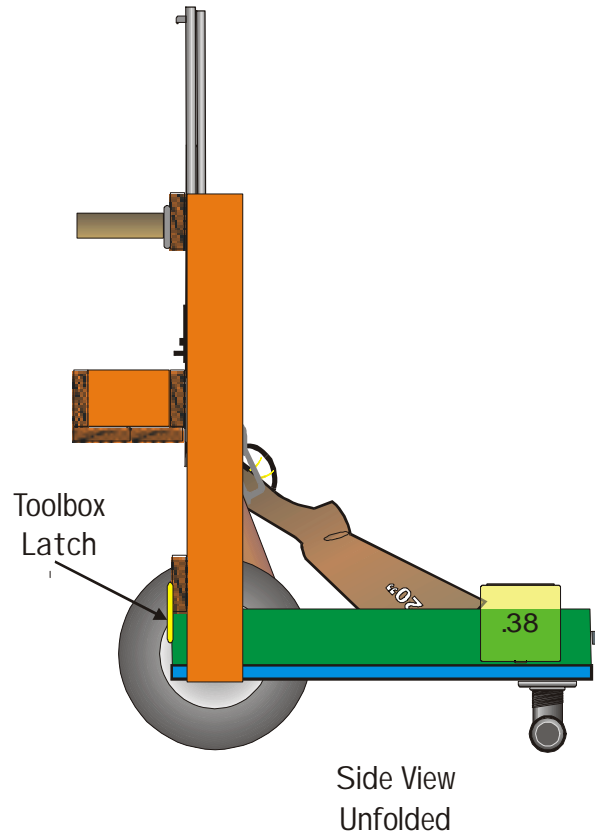
The middle support goes about 15½" from the bottom of the board, but try it with your rifle to make sure that it doesn't interfere with your sights.

Now we have to put blocks of wood to keep your long guns from banging into each other. Start with your shotgun. With the cart open (as shown above), carefully place your shotgun in the bottom tray and center it against the back of the cart. Leave about 1/8" on either side for the soft leather (which you can buy at most craft stores). Cut a block and glue it to the top most horizontal support.

Remove the shotgun, and place the rifle on the other side. Repeat the previous step on the other side.

Now place both guns in the cart and measure the distance between the two guns and cut glue, drill and screw piece in place.

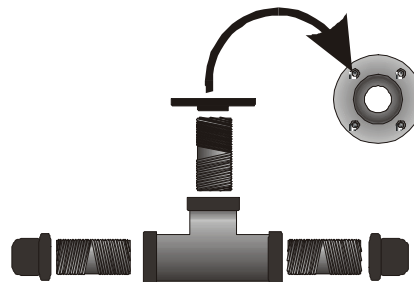
Tool Box latches keep the cart from spontaneously folding up on you (this is considered a bad thing). Attach to the back of the support as shown.



### Step 3 – Mounting the Wheels and Front Stay

Drill a 5/16 hole for the retaining pin about 1/4" from the end of the steel rod. Place a washer, the wheel, another washer and the retaining pin on an axel and slide it through the Vertical support, tray, and other vertical support. Place a washer, the other wheel, another washer and mark where the retaining pin should go and overall length (of the axel). Mark, cut, drill and insert the other retaining pin. Mine measures about 15 1/2".

Early experiments with steel pipe on gun carts were a great success. It was strong, cheap, and helped keep the front of the cart down. I used to use two floor flanges, a nipple and end cap. On real soft ground, this could sink into the ground. Riptide came up with the idea of running steel pipe all the way across the cart. I changed that to one "T". Give it a look and see what you're comfortable with.



Mark a hole in the centerline of the bottom of the gun cart. Mark, drill and screw the floor flange to the bottom of the cart. Assemble pipes as shown above.

## Step 4 – Mounting the Handles

This is about the easiest part of the whole project.

Go to your home improvement store, buy two “Angle Top Plates”. These are the steel plates that you can find on the bottom of some furniture. You screw legs into them. Pick the length and type of legs you want for your handles. Four screws for each one, and then screw in the legs and you’re done!

## Step 5 – Building the “Possibles” Box

The box is simply built out of scrap. Whatever you have left over. Screw it together and put a floor on it. My sides are 6½” wide. Note that the box is not right up against the top support. This is to keep the box out of the way of the handles.

## Step 6 – Finishing Touches

While everything here is optional, I would suggest that you at least do the leather on the gun rack.

You can buy soft leather at hobby stores such as Michaels, Hobby Lobby and similar stores. My advise is the cheat and use a hot glue gun to glue the leather to the cart. You can then use tacks to hold it in place and look ‘period correct”.

Other than that, you can paint, or stain the cart, then add accents like brass edges that really spruce up a project.

A coat hook is also very useful for hanging a brass bag on .

Good Luck.