

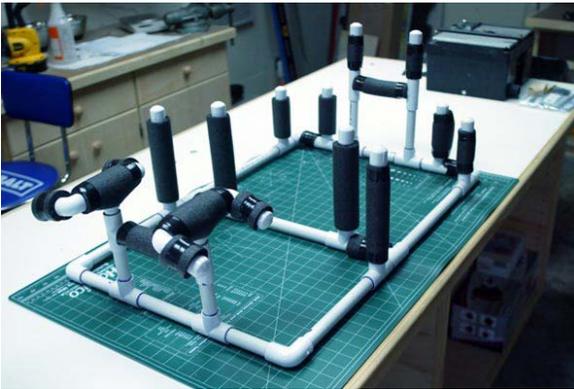
# Building an Airplane Caddy

By Don Ramsey

I've used this type caddy for many years now and every time I leave home without it, it is missed. All you need to speed construction is a PVC cutter. This is a modified Luis Rodriguez design and can be built in a couple of hours. You need:

- 2 10' lengths of 1/2" PVC
- 8 90 degree elbows
- 20 tee connectors
- 14 Caps
- 2 lengths of 1/2" pipe insulation and some electrician's tape.

Buy in the elbows and tees in the contractor pack of 10 each. Here's the finished product.



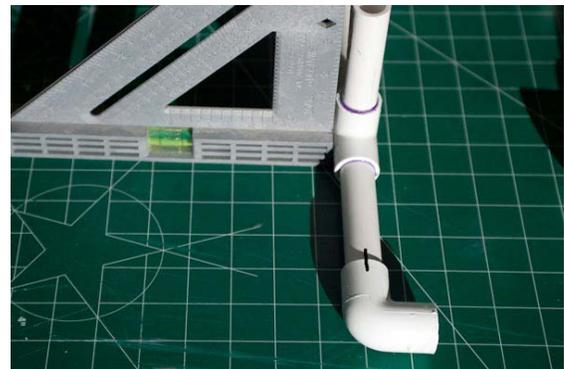
The model is supported on the gear struts and the wings also fit the device.

The caddy can be built several ways and is forgiving but this sequence will speed construction and minimize problems.

Start with the front assembly without the gear supports. Here's the photo with measurements for an Integral. If your struts are longer you can add a little to the vertical pieces in the front and back.



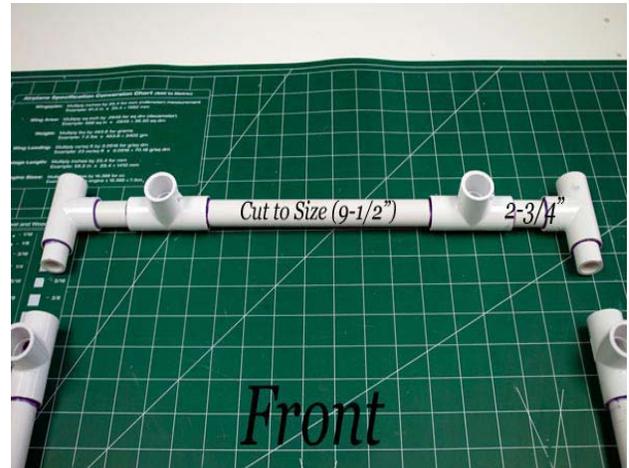
The 90 degree elbows determine the vertical alignment. As you can see in the photo, I use a square to set the angle of the elbow before it is glued. You can then mark an index line on the horizontal piece and the elbow. Now adding the elbow and getting the verticals to actually be vertical is much easier. Simply add glue and align the index mark.





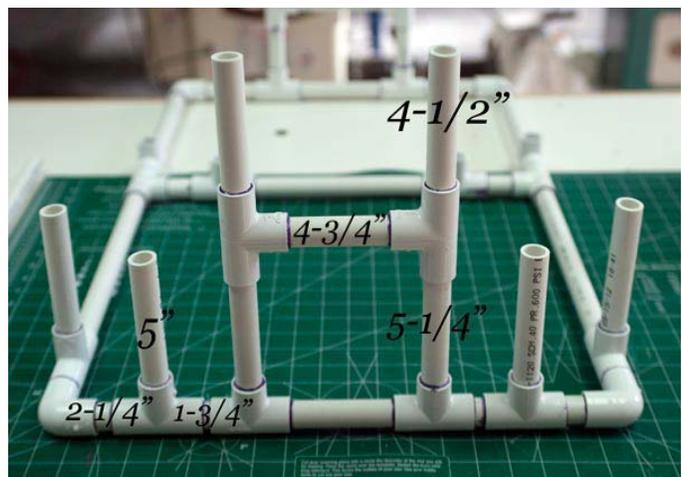
Here's the front assembled before adding the gear supports.

Here's the mid assembly. Note the position of the tees that are used for support of the wing leading edge. The length of the middle piece shown in the photo is cut to make the width of this assembly the same width as the front section. 9-1/2" here.

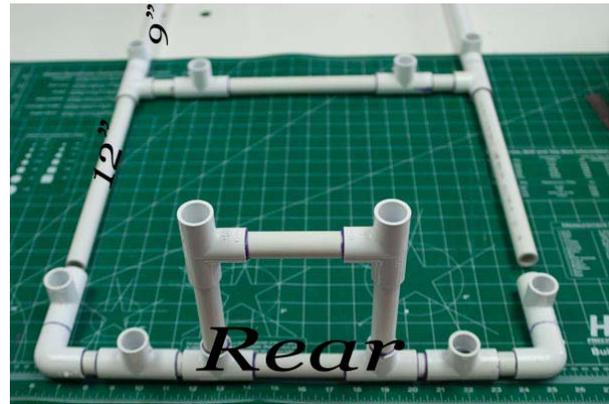


NOTE: All the numbers that show between 2 joiners (tees or elbows) are the length of the short pieces that fit inside the connectors.

Next build the rear assembly just as you did the front.



Join the rear, mid and front assemblies with pieces as show in the photo. The rear length is 12" and the front is 9". This should give you reasonable balance.



Here's the gear support. I use a droop on the legs. The long piece is use to help align the angles of the droop on the front and back. After aligned the pieces are cut so about a 1-1/2" is left. I then add a cap to finish the ends.

Now you can add all verticals for the wing supports (7-1/2" for the front and 5" for the rear), cap all open ends, add some pipe wrap with electrician's tape and you are finished. I leave my wing tube in one of the wings for transport.

This caddy should make carrying your model easy and keep everything in place