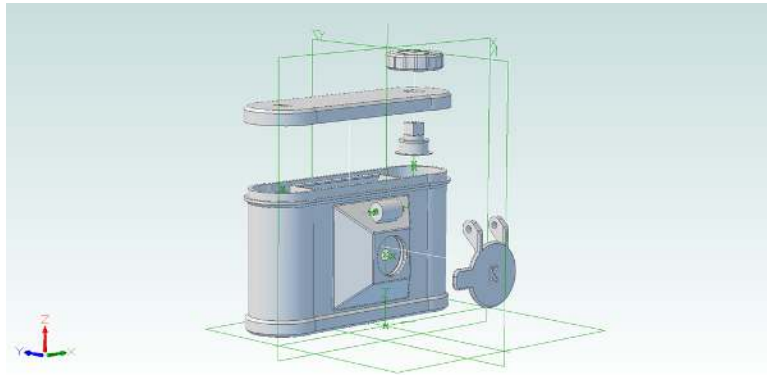


Assembling the Flyer 6x6



Kit Parts

The following parts are included in your kit (in 2 or more bags):

1. Pinhole disc
2. Pinhole O-ring
3. Red Window disc
4. Red Window O-ring
5. 3 black M3-8mm screws
6. ¼-20 nut (tripod)
7. Rubber band
8. Section of weatherstrip (not shown)
9. 3 ND12 filters (black discs, not shown)



Supplies/tools needed: Phillips screwdriver, tweezers, super glue gel or epoxy

Assembly

Pinhole

Set the camera down with the large hole and shutter mount facing up and the pinhole and large o-ring on hand. There is a dimpled recess inside for the o-ring. Make sure this is clear of loose filament strands and bumps. It does not need to be perfectly round. The opening is slightly smaller than the pinhole so the pinhole may flex a bit while going in until it reaches the larger recess behind. Carefully push the pinhole into the recess - it should be flat against the front of the camera. Take the large o-ring and push it in after the pinhole. The o-ring will collapse into the recess and then expand again to fill the dimpled recess inside. Use a fingernail or tweezers to insure the o-ring is seated into the dimpled recess.



For slowing down the exposure time or doing Suntracks, simply remove the o-ring with tweezers and drop in one to three ND 12 filters and replace the o-ring. Do this indoors or in a car. Best practice is to always advance the film after taking a picture, so if you have film in the camera, advance the film after changing the filters.

Red Window

The procedure is the same as the pinhole, using the red window filter and small o-ring.



Knob and Winder

If you printed the winder, it included some support material that first needs to be removed (see the Printing Instructions). Put the winder up through the top plate so the winder rim fits into the recess in the top plate and the square boss is protruding. Put the knob onto the winder and insert the screw. Push down lightly on the screw as you are screwing it in. Screw it in until the knob no longer is loose on the winder and then a quarter-turn more. Do not overtighten or you will strip the threads.

Film Tension

Holding the camera as if you're taking a picture, the small section of weatherstrip should be placed in the left side film chamber. Peel the backing and insert midway down and in the center of the flat side of the film chamber. This ensures the film wraps tightly on the spool. Placement is not critical.



Shutter

Fit the shutter onto the boss above the pinhole. Insert a screw on either side and push down lightly on the screw as you are screwing it in. Screw it in until the shutter just starts to freeze and then back off a quarter-turn or so. The shutter should open and close smoothly with a slight click as it closes. If there is no click, tighten the screws until the shutter won't open by shaking.

Tripod Nut

Using super glue gel or 2-part epoxy around the sides of the recess, glue the nut into the recess. Be careful not to get glue into the threads.

No Kit

If you don't have the kit, you can get by without some of these parts. Glue can be used to secure the pinhole and red window instead, and the knob can be glued to the winder. A pinhole can be made from a $\frac{3}{4}$ " round piece of aluminum foil and a needle. A red window can usually be made from a transparent red plastic office folder. A bent paper clip or metal rod can be substituted for the screws holding the shutter, or #4-40 screws can be used instead of M3 metric screws (I do recommend filing a notch into the screw to help cut the threads). If the screws are loose, some silicone sealer or other adhesive may help.