



The Cox PT19 Control line Trainer was in just about every department store, toy, and hobby shop back in the day. You would start the Cox .049 glow engine (well usually) and then have some one hold the plane while you took command of the control line. It would fly around in circles and you would move your wrist up and down. Too much and the plane would loop or dive in. That's why it was all rubber banded together. Just about every boy had one or wanted one.

So here it is in an RC version. You can opt to fly it rudder only, rudder elevator, or hook up a control line to a stake and fly it RC control line. You won't get as dizzy as we used to but it will be a good introduction to RC and will be good for windy days or small flying locations.

For control line, trim the rudder for a right turn and practice take off, landing, level flying and ups and downs. Put some up aileron on the right wing or add weight to wing tip to keep outside wing from rising too much.



Before closing up the fuselage you will want to locate the 1System Warbird Pod, align formers, poke holes for dowels in the correct places. Go ahead and glue in formers to one side. You can hold the fuselage together temporarily with rubber bands. Loosely assemble all parts and install pod with battery and find the CG (which should be right on the wing crease) You can move the servos back and forth to help establish the right CG. Even then it is a good idea to just spot glue the servos lightly in place in case you want to move them a little.

The wing will rubber band on like the original. The pod is held by a bamboo dowel across the fuselage.

To get a realistic finish try finding colored packaging tape in bright navy blue and bright yellow. Or you can use spray paint.

Decals you can print are downloadable on the OG RC website.

Cut out parts from Dollar Tree foamboard. Cut out on all heavy lines, make half deep cuts on dotted lines. There are dashed lines showing where formers go and some light lines showing where parts mount. Get familiar with the parts and how the model will assemble. You will need to build the 1System Warbird Pod for this model. The plans and templates are on the website.

Roll some clear scotch tape to join coffee stirrers. They make great control rod tubes. They can come thru the fuselage sides under the elevator. Just cut a slit big enough to push them through and add a dab of glue to hold them.

Use hot melt glue sparingly on most joints. You can use a bit more on the wing join, landing gear doubler, and pod bulkhead.

Apply some small washers where the pod securing dowel goes through the fuselage.

At 1/4 throttle the model will maintain altitude. less and it will land, more and it will climb. A climbing turn is achieved with a little rudder and incrementally more throttle.

Hard rudder will spin the plane. With enough altitude you can start a nose down spin, apply a little opposite rudder and the plane will have a lot of speed and begin leveling. At that moment give full throttle to loop.

Have fun!