

SINGLE BLADE FOLDER MECHANISM

Two pieces of 1mm wire are used to build this single blade folder shown as RED and BLUE. Larger gauge wire can be used on bigger models. Tension from the rubber motor will allow the mechanism to spin freely until it is almost run out. The catch pin will stop the prop before the turns are all gone which keeps the motor from bunching up and possibly affecting the CG.

Balance the prop after the blade is finished. Put a larger than necessary dop of solder on the end of the BLUE wire for counter weight. To balance, I take wire cutters and snip little bits of the solder away until it comes close to balance. Then I finish with a file on the solder to smooth the surface and fine tune the balance.

