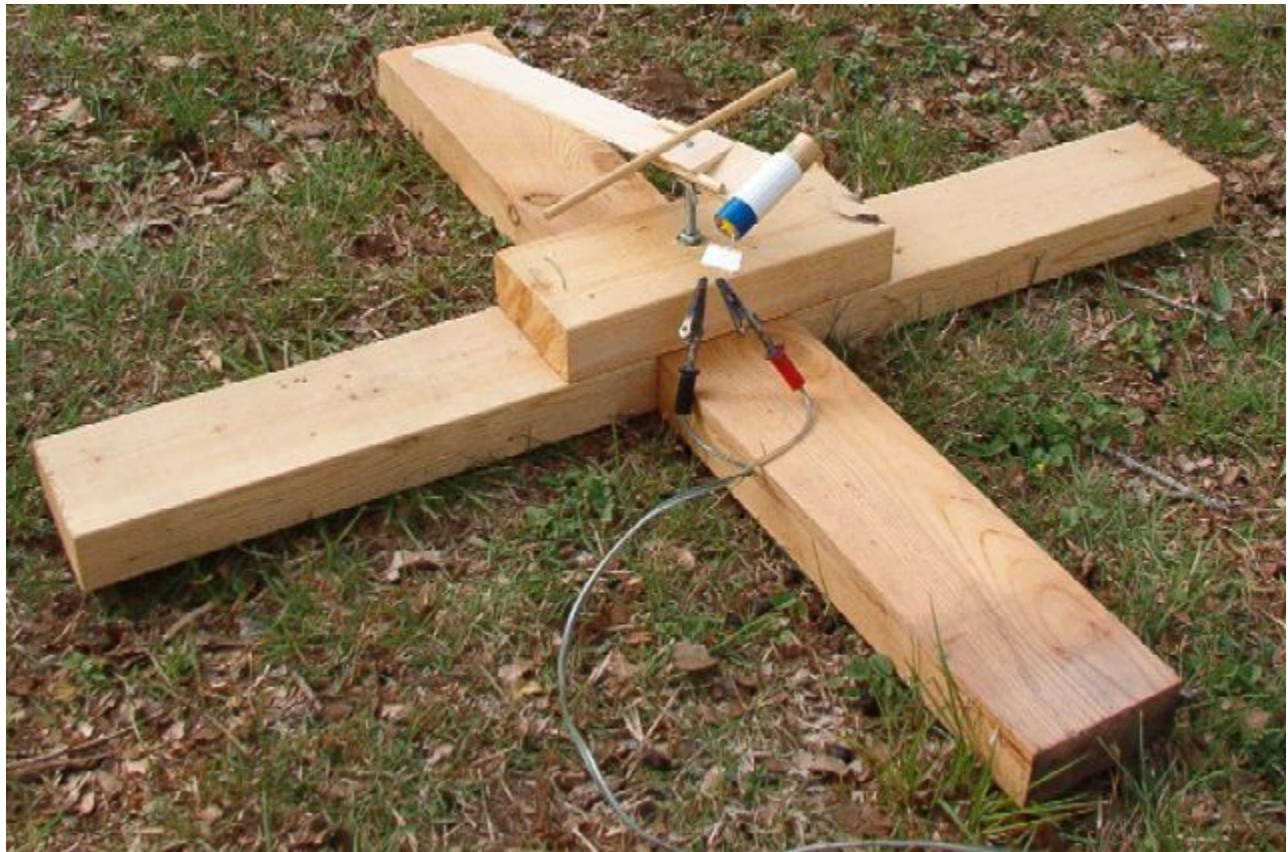


Plans for Monocopter Launch Pad

A monocopter launch pad should be sturdy and fixed firmly to the ground. Never try to launch a monocopter from a long rod on a standard launch pad. A suitable launch pad can be constructed from the following materials:

- 4 - 2x4s, three, 18 inches long and 1 - 2x4, 36 inches long. The lengths need not be exact.
- 1 - 3 inch long, $\frac{1}{4}$ -20 carriage bolt and 3 nuts
- 6 -3 inch long wood screws.

Drill a $\frac{1}{4}$ " hole in the middle of one of the short 2x4s. Insert the carriage bolt into the hole and secure it tightly with one of the nuts. Attach the long 2x4, perpendicular to bottom of the short one with two wood screws. Attach the two remaining short 2x4s to the opposite ends of bottom of the first short 2x4 with two wood screws each. Thread the two remaining nuts on the bolt and use them to adjust the height of the rocket above the pad.



A Dragonfly monocopter on the launch pad