

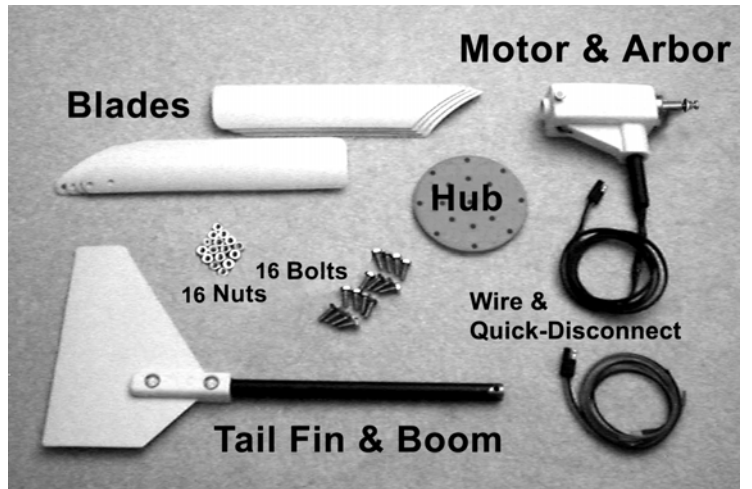
# WINDWALKER WIND GENERATOR ASSEMBLY INSTRUCTIONS

## Wind Generator Kit Includes:

- Housed Generator Motor with Down Tube (rests inside Mast), and metal arbor w/ nut
- Pre-wired Quick-disconnect Pigtail
- Tail Boom and tailfin assembly
- PVC Prop Blades (6 or 8)
- Steel Hub Plate w/ Holes Pre-drilled
- 16 Nuts, 16 Bolts
- Shrink tubing – red and black

## Tools Needed:

- At least one **7/16" wrench**



## STEP 1 – ASSEMBLE BLADES ON HUB

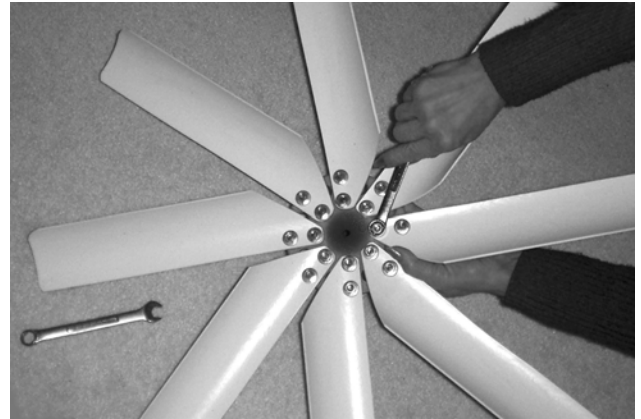
Insert a bolt through each small hole in the hub. Place hub face down on flat surface with threads up.

Position blades all around on the bolts and loosely screw on each nut.

*The rounded (convex) side of blade contacts the hub.  
The open (concave) side faces the wind.*

Tighten until snug with a wrench, then 1/8 turn more.

**Do not over-tighten.**



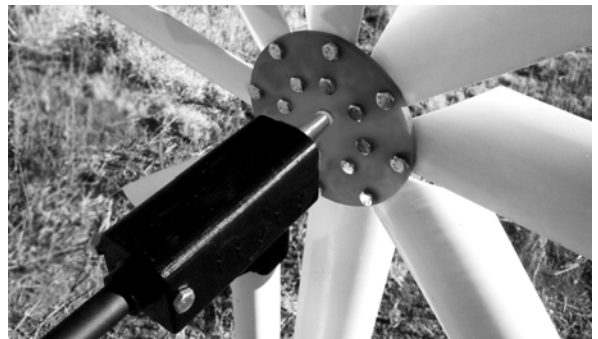
## STEP 2 – ATTACH HUB TO MOTOR

Remove 1/4" bolt and 3 washers from arbor of motor shaft. Insert bolt through 1 washer and center hole of hub. Put 2 washers on back of hub and thread bolt into arbor until it "seats" then 1/8 turn more.

**Do not over-tighten.**

## STEP 3 – ATTACH TAIL FIN TO BOOM

Remove the bolt from end of tail fin mount (not necessary to remove inner bolt). Slide in tailfin and secure with bolt.



## STEP 4 – ATTACH TAIL BOOM ASSEMBLY TO MOTOR

Remove long bolt and locking nut from motor housing. Insert open end of the tailfin boom into the motor housing. Align the holes and secure with the bolt and nut provided.

**Do not over-tighten.**

## STEP 5 – PUT GENERATOR ON MAST

Feed wire through mast and insert down tube of generator assembly into top of mast pipe.

A little grease will facilitate smooth motion in slight winds.

