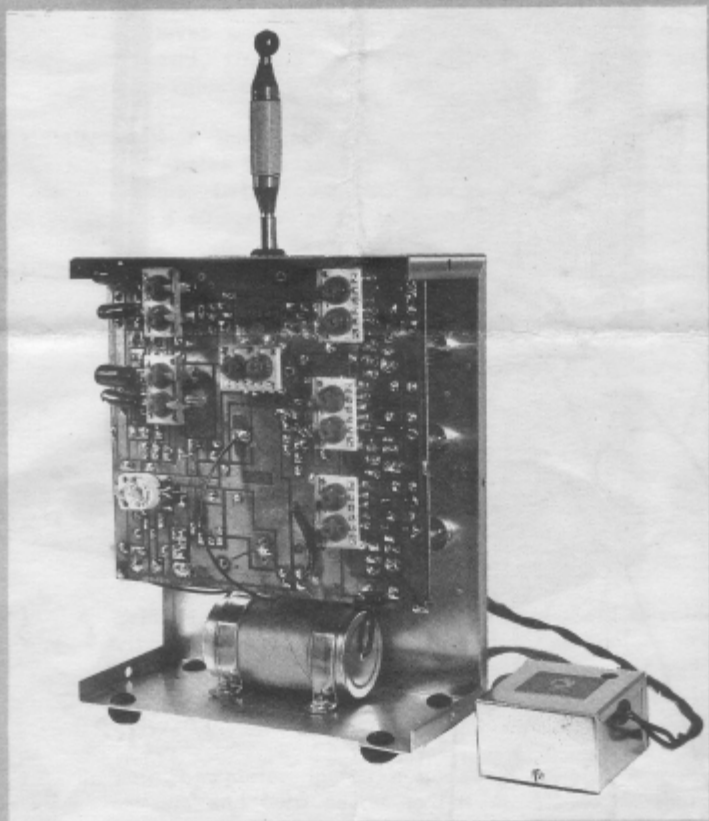
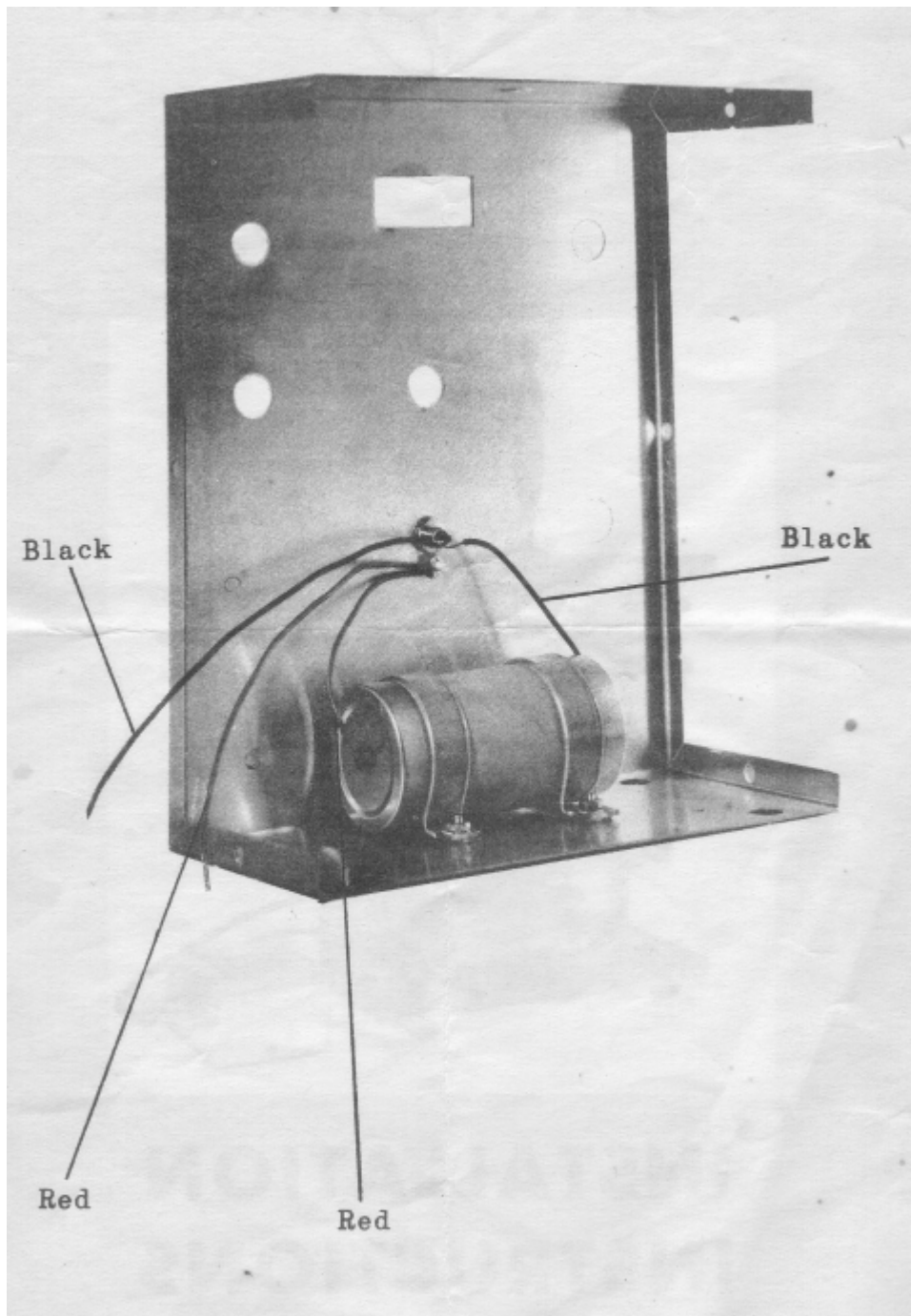


CONTROLAIRE

Nickle Cadmium
Transmitter Pak



INSTALLATION INSTRUCTIONS



Black

Black

Red

Red

CONTROLAIRE UTT-10A AND MTT-10A
TRANSMITTER POWER PACK

The Power Pack consists of 7 each "Deac" 500 mah nickel cadmium cells preassembled together inside a housing case. It provides a nominal 8.4 volts and from a fully charged condition will operate transmitter approximately 9 hours. Included are mounting clamps and necessary hardware items to allow you to make the installation to your transmitter. To do this refer to the pictorial and accomplish the following steps.

- () 1. To gain access to the charge jack terminals the transmitter chassis must be removed from its case. To do this remove all lever and on-off switch nuts from front of case. After removal, chassis is easily pulled free. Set it aside for a later reinstallation.
- () 2. Position the pack into place and mark off for drilling two 1/8" holes in case that will match hole location in mounting clamps. Drill holes then mount and secure pack to case with 4-40 screws and nuts.
- () 3. Notice that the pack wires are about 12" long. Do not cut the wires but strip away about 3/8" insulation from both the red and black wires at a point 3 1/2" from each end of pack. Take the black (negative) wire and solder the bared area to the outside perimeter of the center jack terminal. Be careful not to get solder inside center terminal as this may interfere with insertion and removal of charge jack due to a clogged center terminal. In same manner solder the bared portion of the red (positive) wire to the ground solder lug of jack. The remainder of the wires now extending from the charge jack are about 6" to 8" long. These are to be connected to the chassis after it is reinstalled.
- () 4. Reinstall chassis to front case then proceed to solder pack wires now coming from charge jack to same points on chassis that old battery leads were connected. Connect red to red, black to black. Trim wire length if they seem too long. Discard old battery leads.
- () 5. This completes installation except for check out. Install antenna and turn on-off switch on. All should indicate and operate as it was originally. New Power Pack should be charged for 24 hours with companion Controlaire charger before transmitter is used for flight. Recharge time is dependent upon previous use of battery. Usually a 10 to 20 hour period will keep battery in top charge condition. Be sure transmitter on-off switch is in off position when charging. Charge jack is polarized center terminal negative, outer terminal positive.



Controlaire Electronics Division

World Engines, Inc.

8206 Blue Ash Road

Cincinnati 36, Ohio