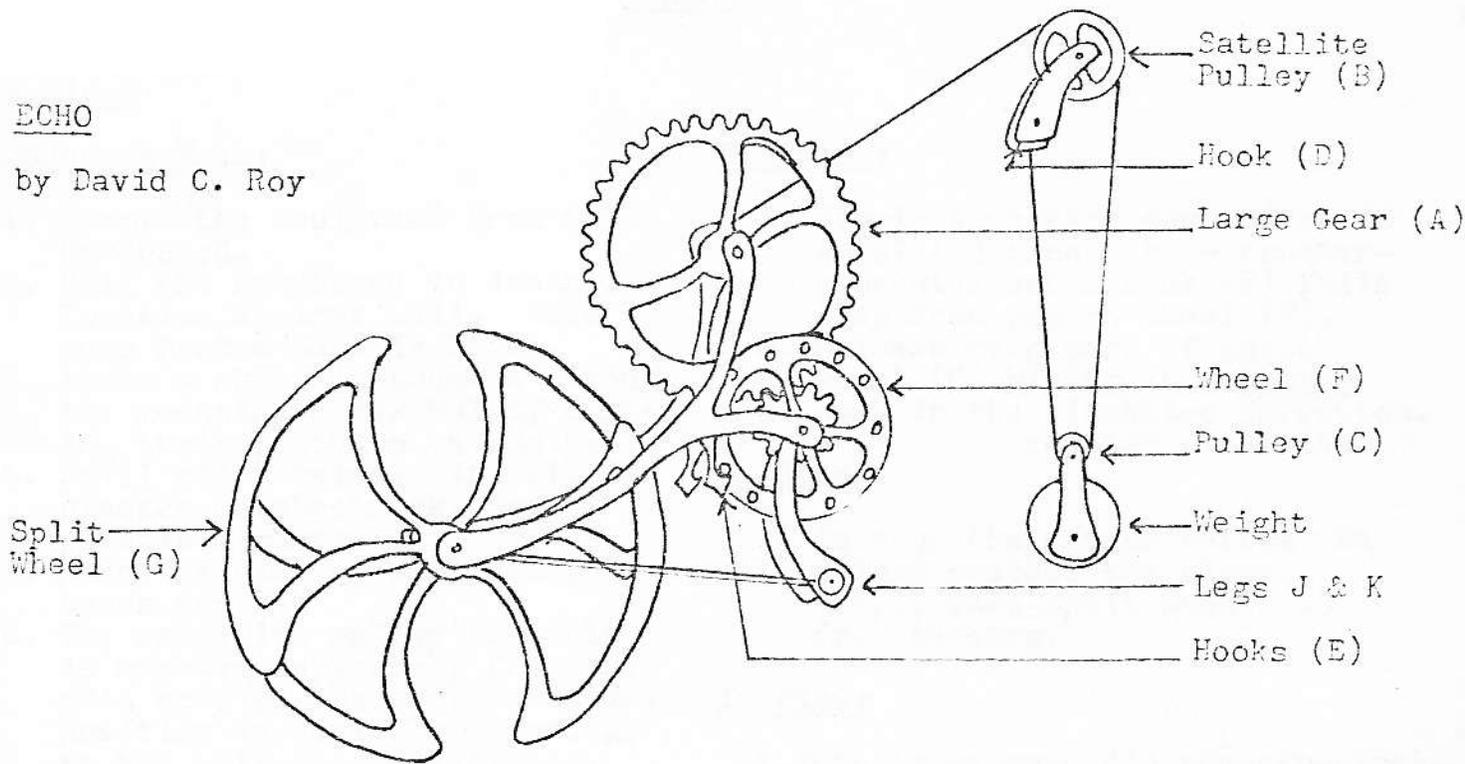
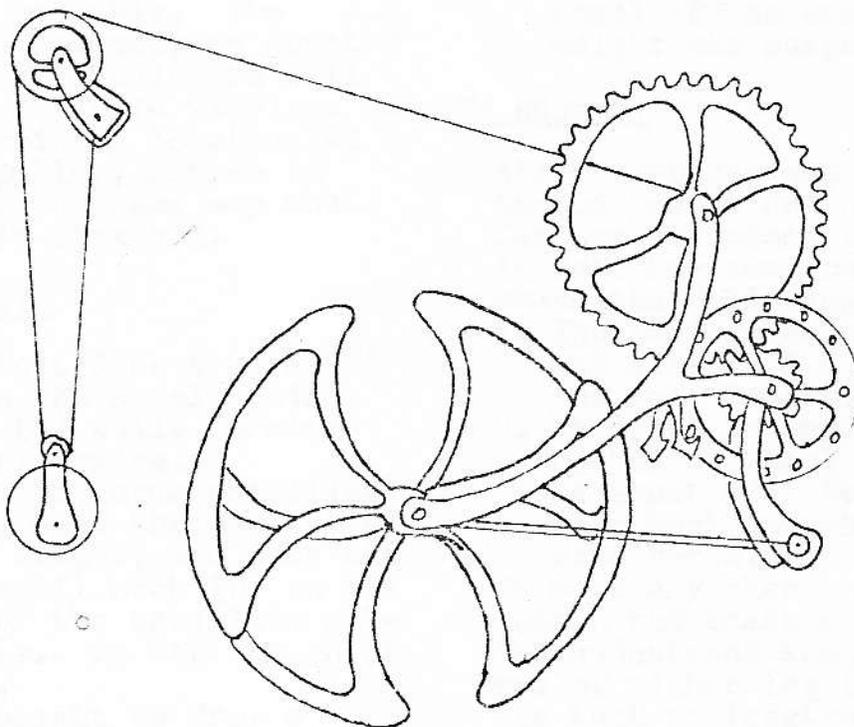


ECHO

by David C. Roy



The diagram below illustrates a second location to place the satellite pulley.



Maintenance:
Echo should not require any maintenance other than a periodic dusting with a spray wax such as Pledge.

ECHO

Directions

To Mount on Wall:

1. Remove the sculpture from the backboard.
2. Hold the backboard in desired location against wall. Make sure bottom edge is level.
3. Place a sharp instrument through the mounting screw holes, marking their position on the wall.
4. Drill pilot holes. If wall is plaster or sheetrock, use plastic anchors.
5. Mount machine on wall using brass screws.
6. The satellite pulley assembly is mounted separately from the main body of the sculpture. Its position is variable according to the wall space available. It should be mounted so that the weight does not strike the main body of the sculpture as it descends. The diagrams show two possible positions for the pulley assembly. The higher this assembly is mounted the longer the sculpture will operate on a single winding.
7. After determining location of satellite pulley, attach it to the wall the same way the sculpture is attached.

To Suspend Weight:

1. Pull out about 3 to 4 yards of string from the spool behind large gear (A) while turning this gear clockwise.
2. Pass the string over satellite pulley (B), down through pulley (C) on the weight, and pass the loop over small hook (D) on the cross bar of the satellite pulley assembly. Do not let go of the weight.
3. Allow the weight to drop a little until there is tension on the string and the mechanism starts to turn.
4. Hook forward hook (E) onto one of the pegs on wheel (F).
5. Release the weight.

To Start:

1. Slowly turn rear part of split wheel (G) clockwise - counter-clockwise until hook (E) falls away from peg on wheel (F).
2. Release rear part of split wheel (G) giving it a slight push in the clockwise direction.
counter clockwise

To Stop:

1. To stop the motion before the weight reaches the floor, simply stop split wheel (G) from turning.

To Wind:

1. Turn large gear (A) counter-clockwise making sure that hooks (E) do not interfere with the wheel (F)
2. When the weight is near satellite pulley assembly, rehook the forward hook (E) onto a peg on wheel (F) as was done when the weight was suspended.

To Adjust:

All sculptures are adjusted and tested and do not normally require further adjustment. To determine if Echo has come out of adjustment check the following points:

1. The strings between split wheel (G) and legs (J & K) should be about the same length.
2. When the forward hook (E) is hooked on wheel (F) there should be about 3/4" to 1" between the rear hook and wheel (F) and vice versa.

To make any changes in adjustment, loosen the brass screw that holds the adjustment knob in place at the end of either leg (J or K). Turn the knob to lengthen or shorten the string and tighten the screw. Any changes in adjustment should be made in small increments and the motion tested after each change.